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40TH CONGRESS, }  
3d Session. }

HOUSE OF REPRESENTATIVES.

{ Ex. Doc  
{ No. 52.

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ANNUAL REPORT

OF THE

COMMISSIONER OF PATENTS,

FOR

THE YEAR 1868.

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VOLUME IV.

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WASHINGTON:  
GOVERNMENT PRINTING OFFICE.  
1869.



IN THE HOUSE OF REPRESENTATIVES,

*April 9, 1869.*

*Resolved by the House of Representatives, (the Senate concurring,) That there be printed thirty thousand extra copies of the next Report of the Commissioner of Patents, of which seventeen thousand shall be for the use of the House, eight thousand for the use of the Senate, and five thousand for the use of the Commissioner of Patents.*

Attest:

EDW. MCPHERSON, *Clerk.*

IN SENATE OF THE UNITED STATES,

*December 9, 1869.*

*Resolved, That the Senate agree to the resolution of the House of Representatives relative to printing the Report of the Commissioner of Patents.*

Attest:

GEO. C. GORHAM, *Secretary.*

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ILLUSTRATIONS OF PATENTS.

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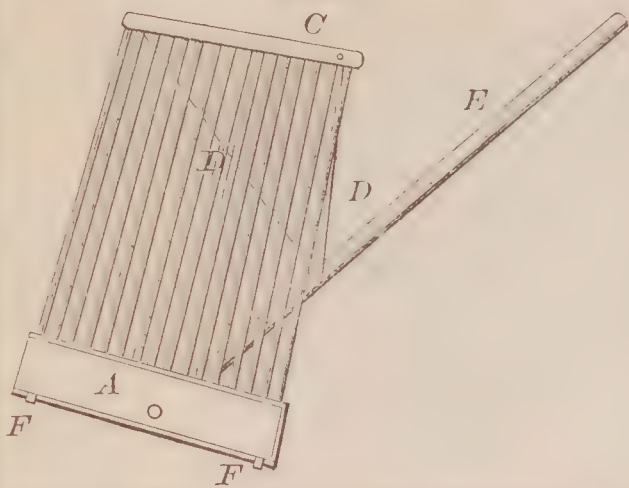
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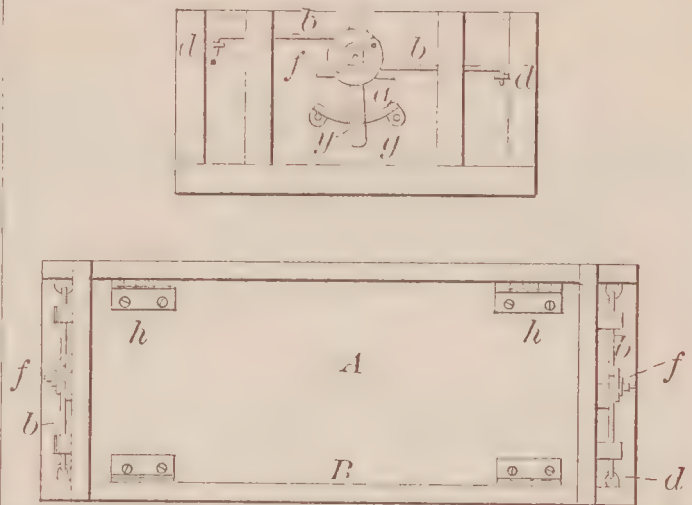




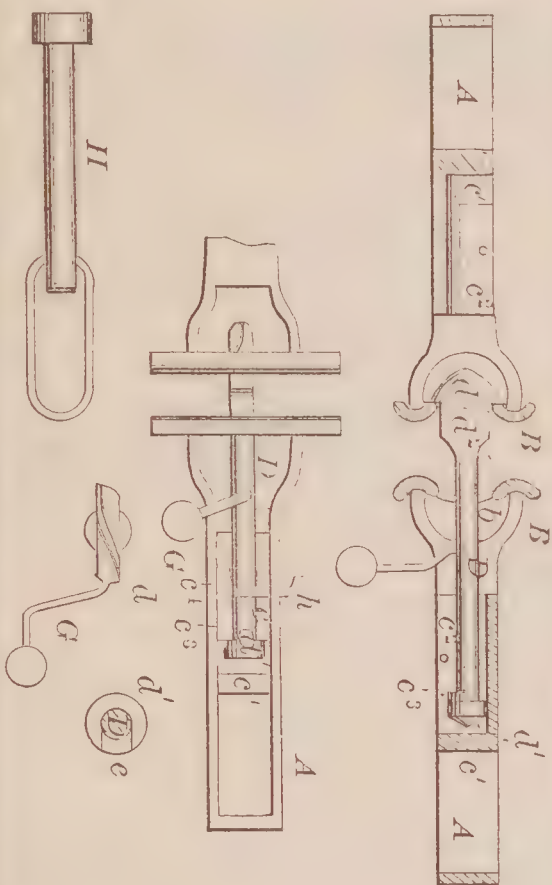
79250—E. A. Palmer—*Cheese Curd Rake.*



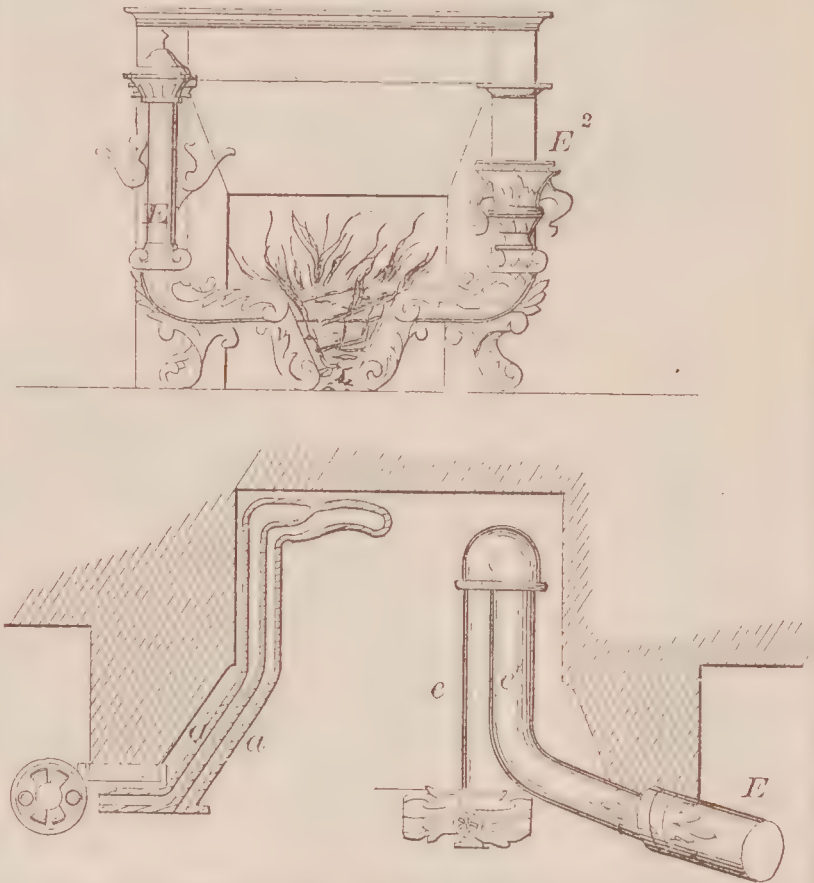
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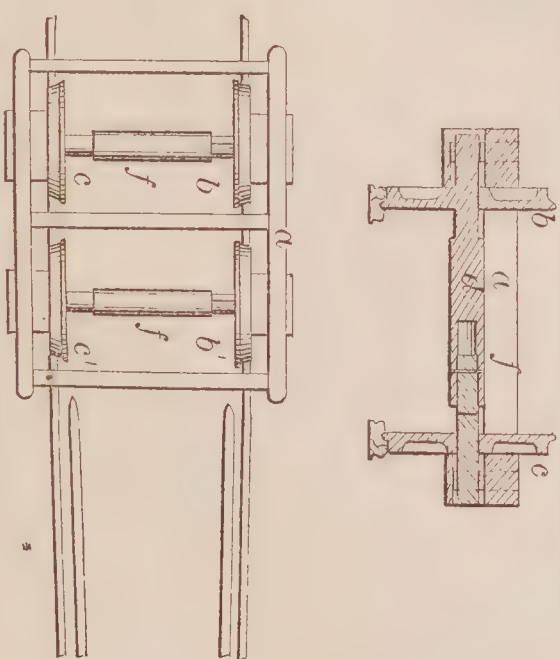
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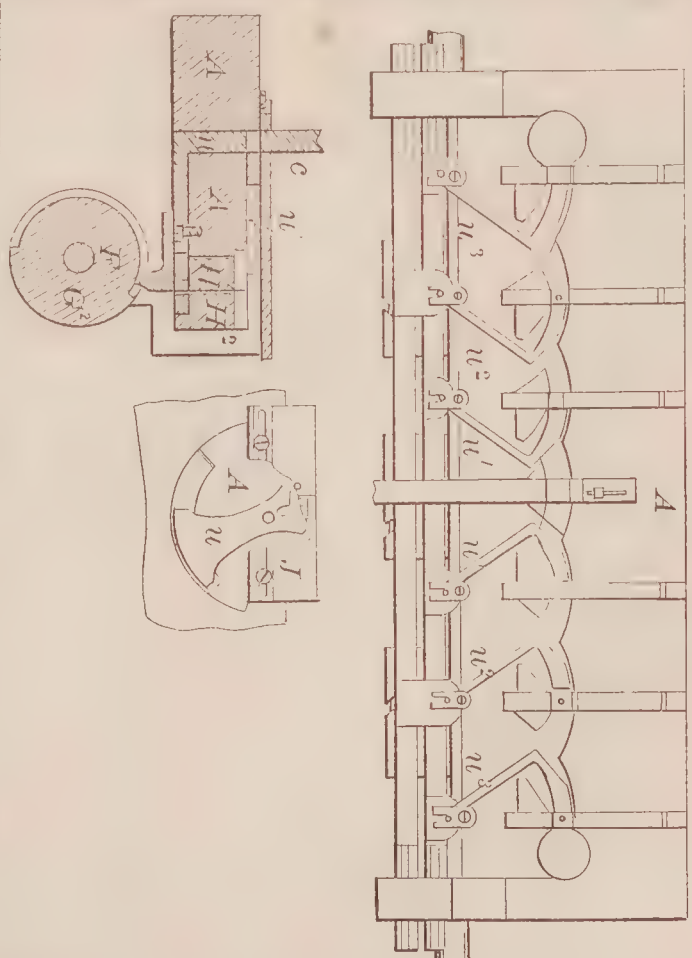
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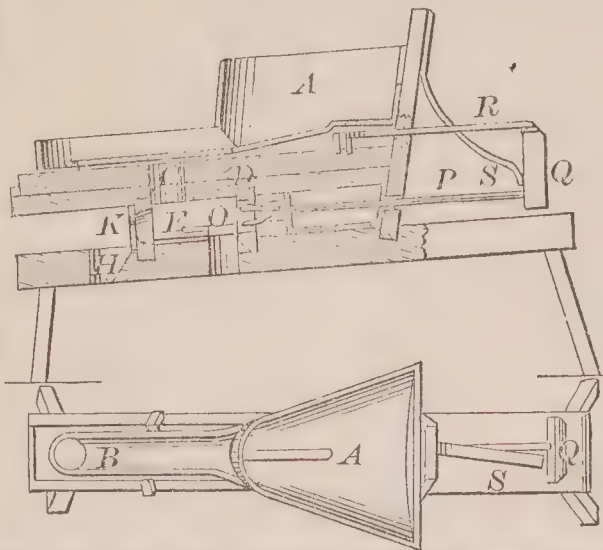
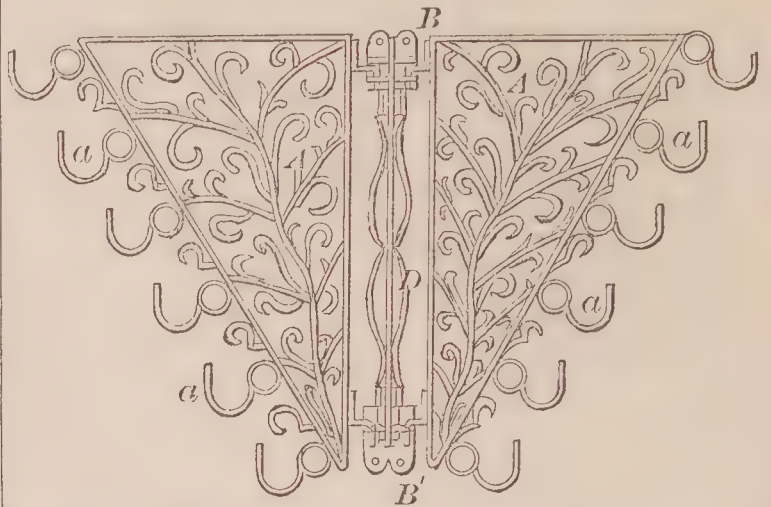
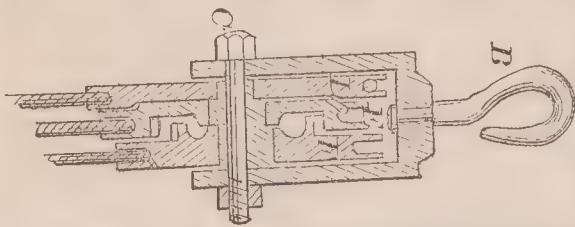
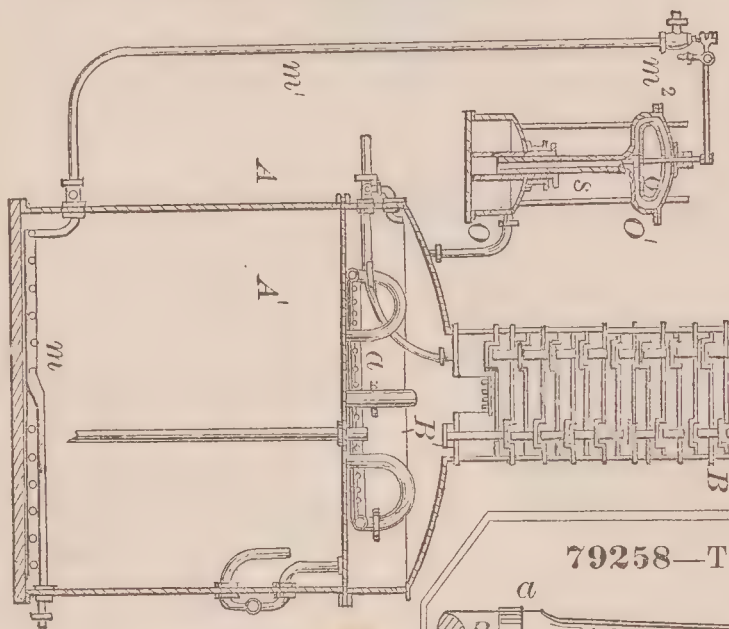
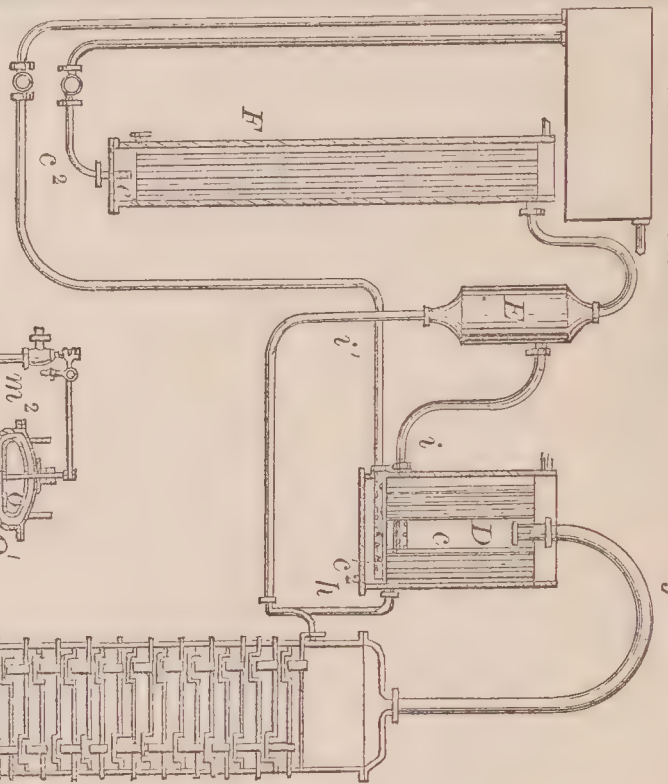
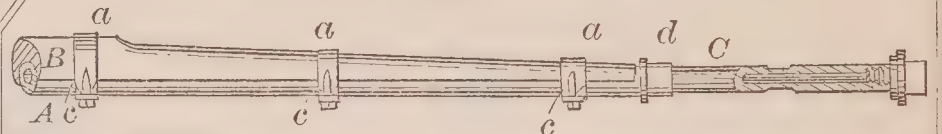
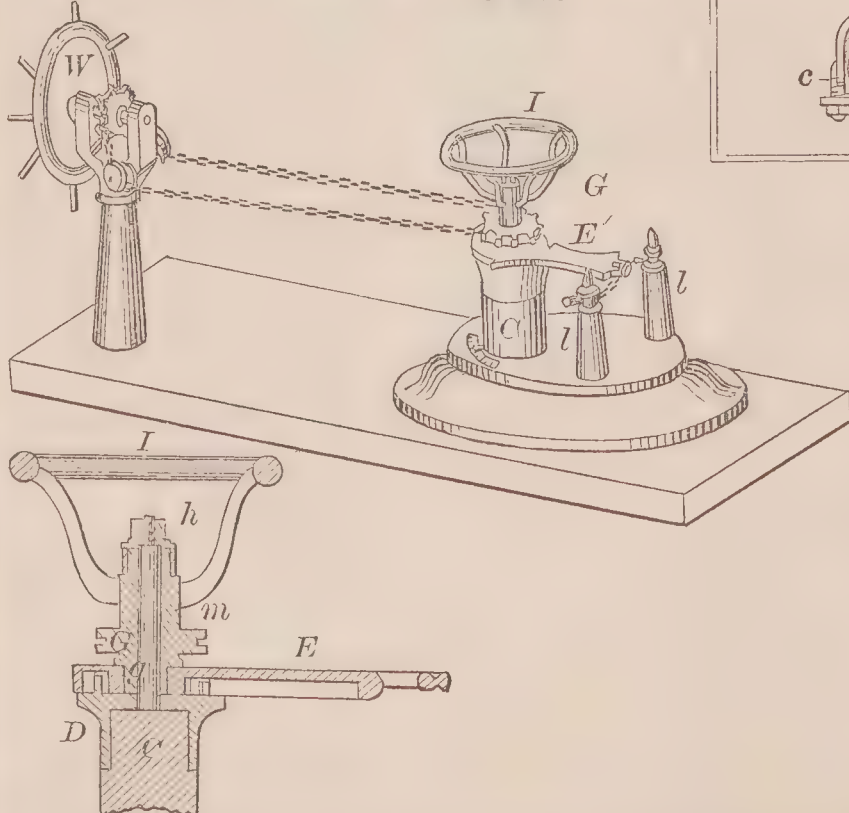
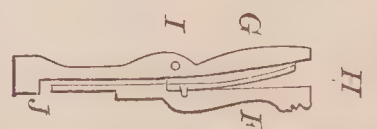
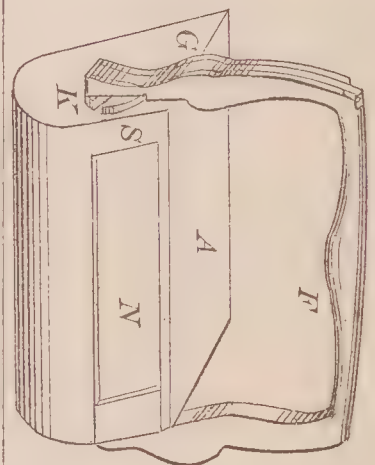
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79255—Plant & Shepard—*For Forging Nuts.*





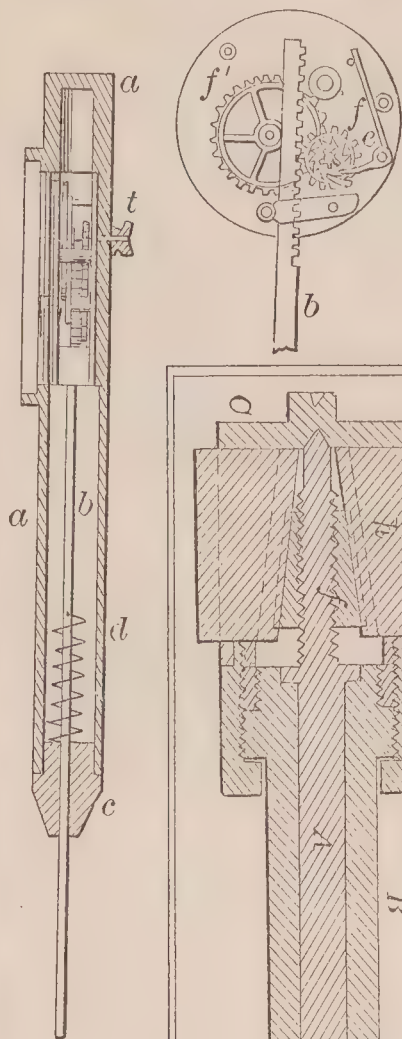
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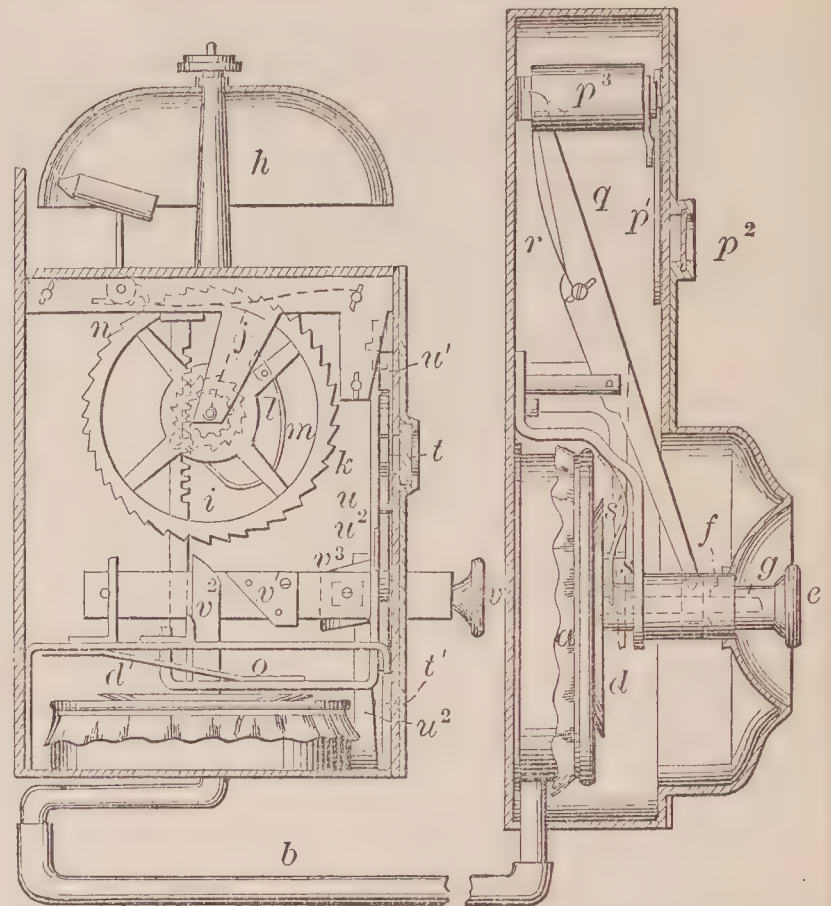




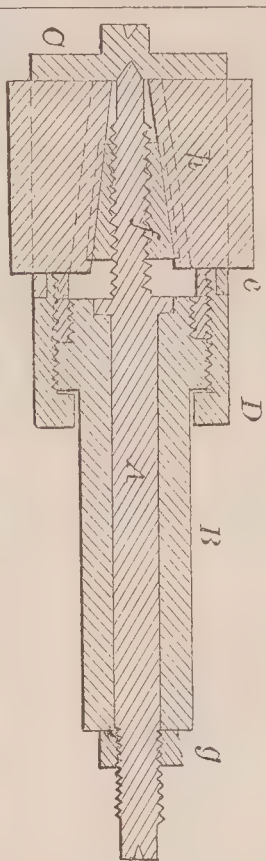
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79271—P. A. Sparre—*Transmitting Signals.*



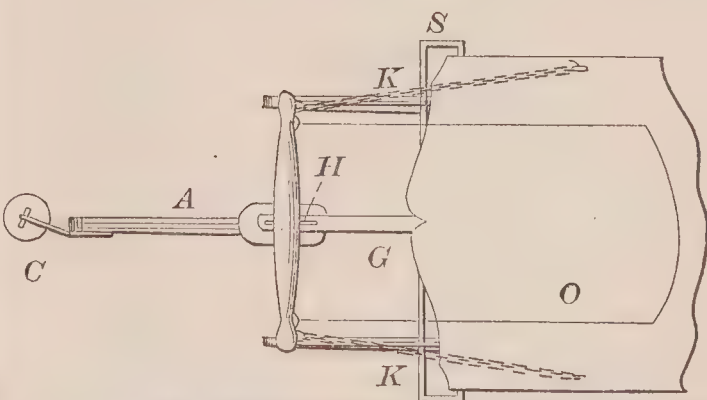
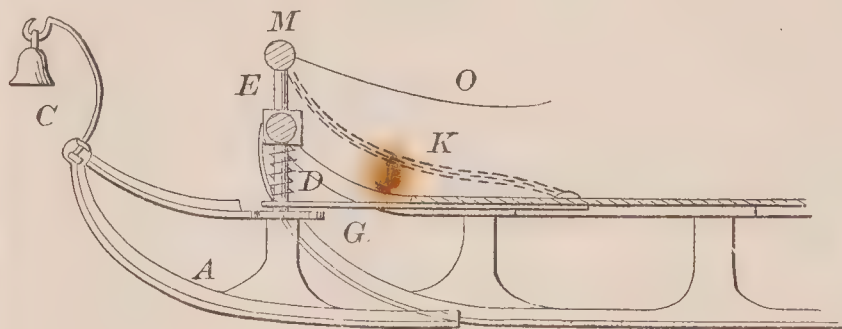
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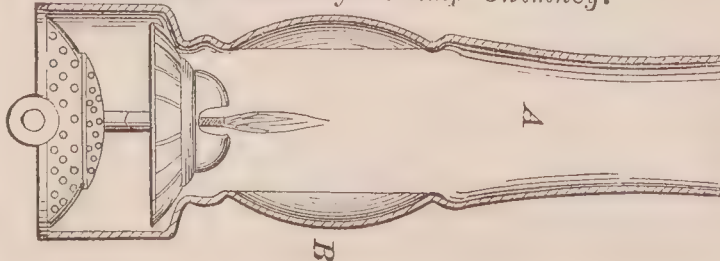
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79273—E. L. Stevens—*Sled.*

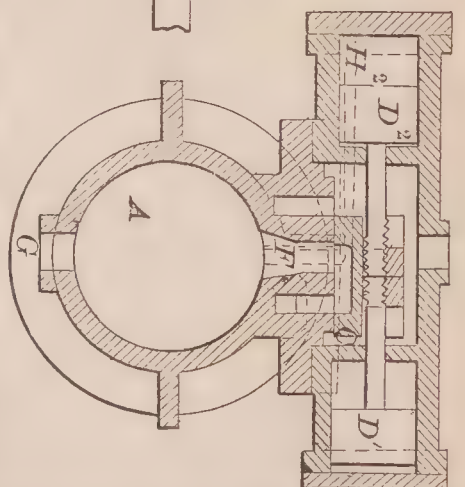
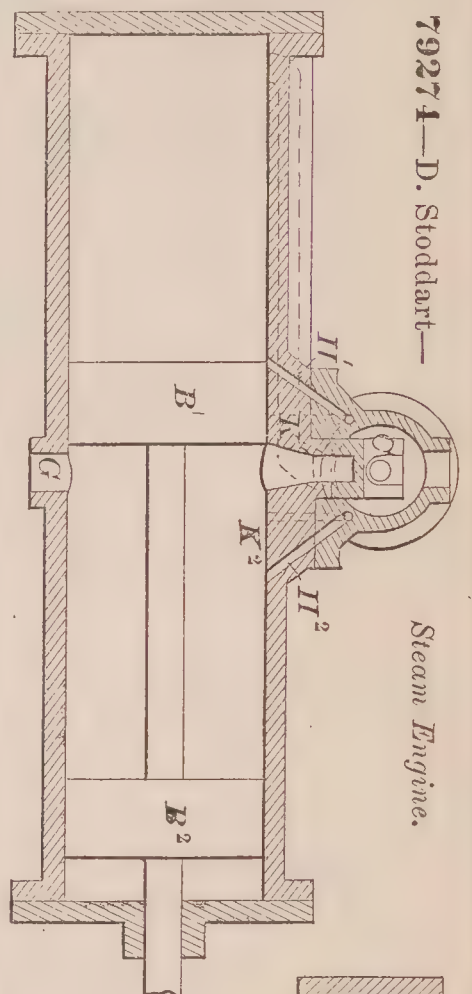


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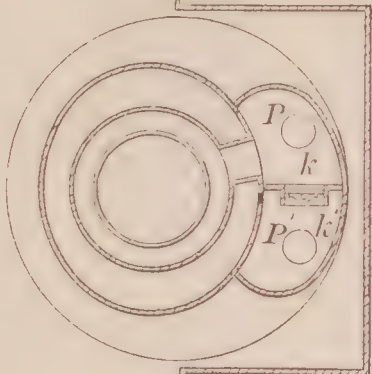
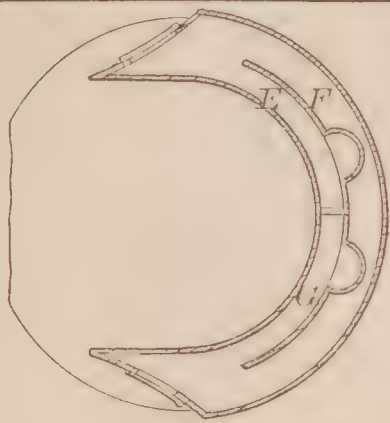
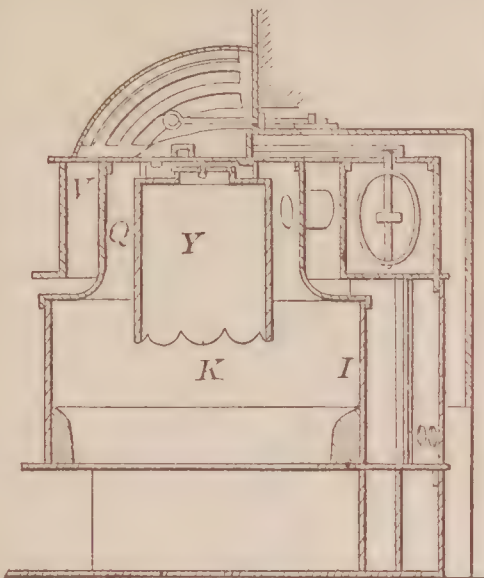


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Steam Engine.

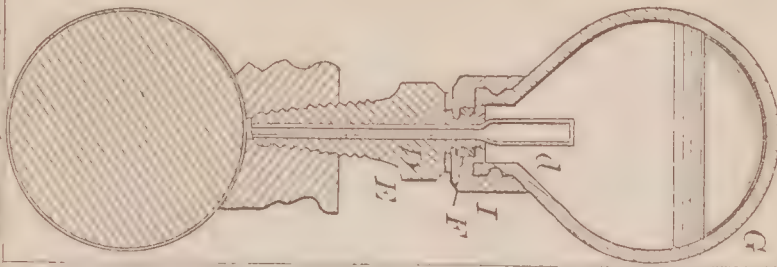




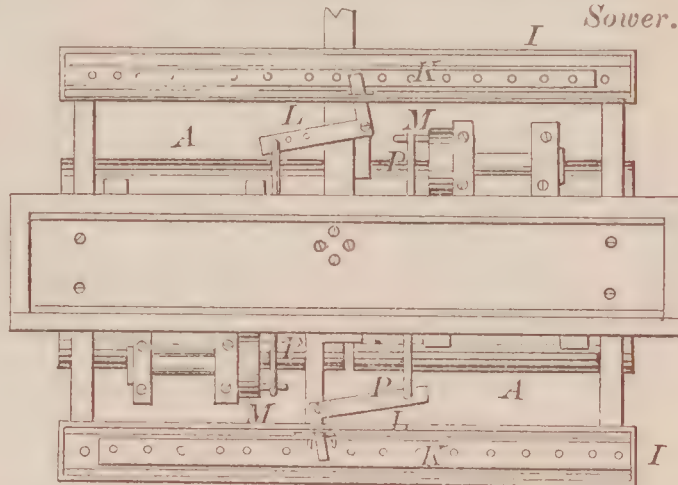


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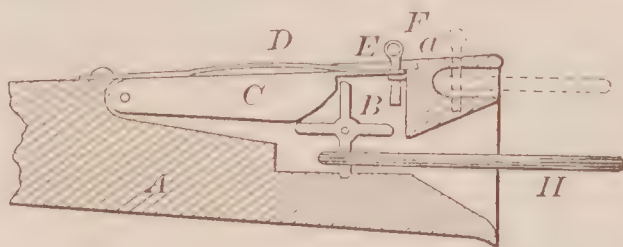
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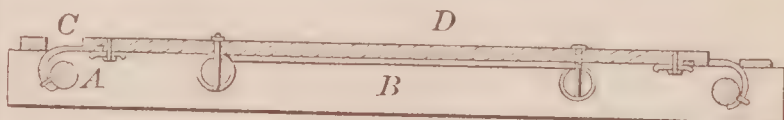
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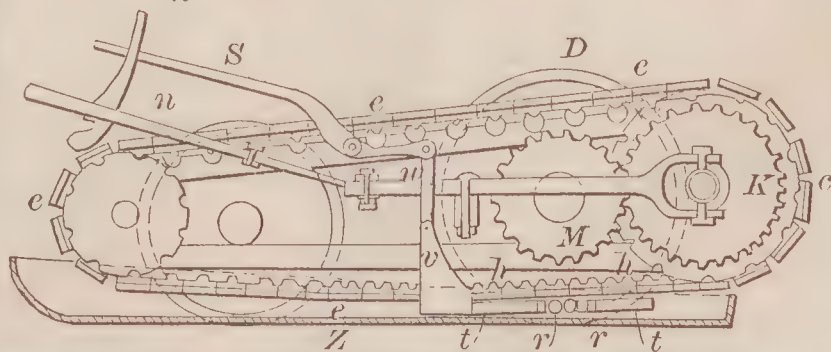
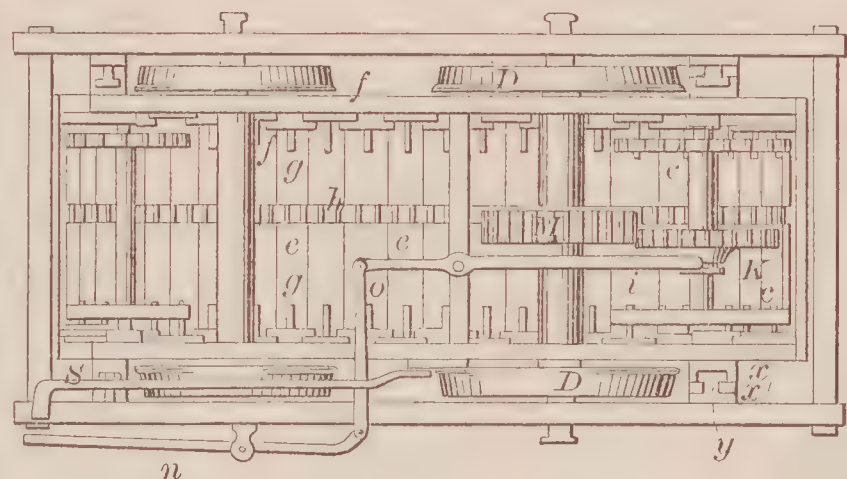
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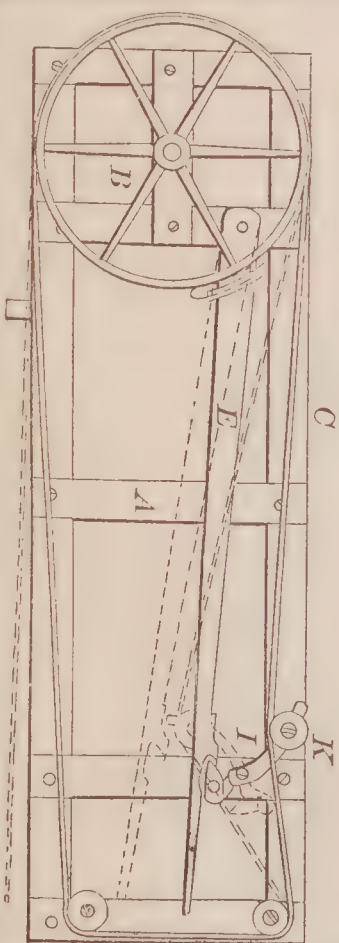
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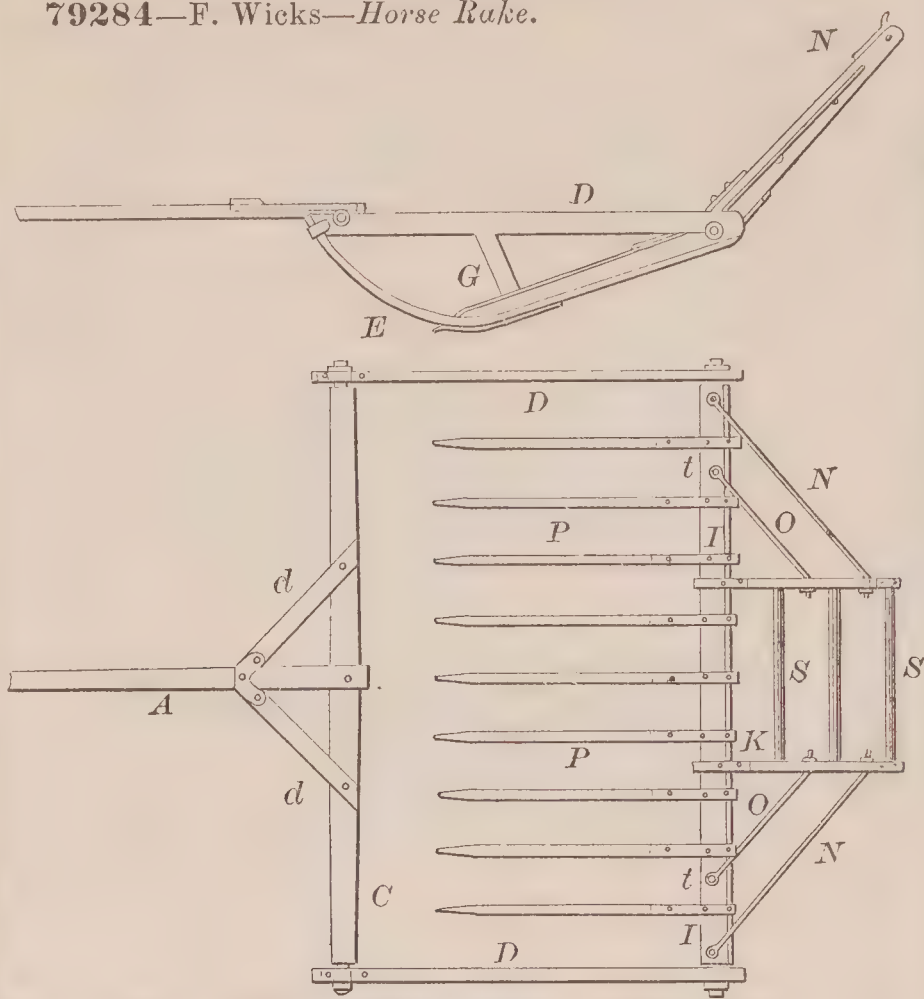
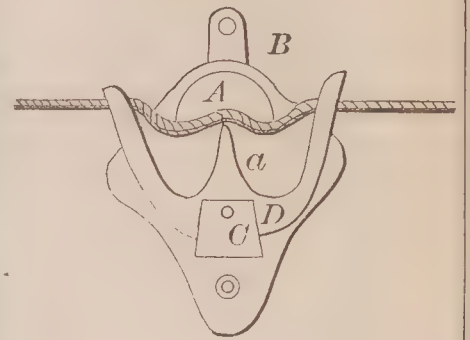
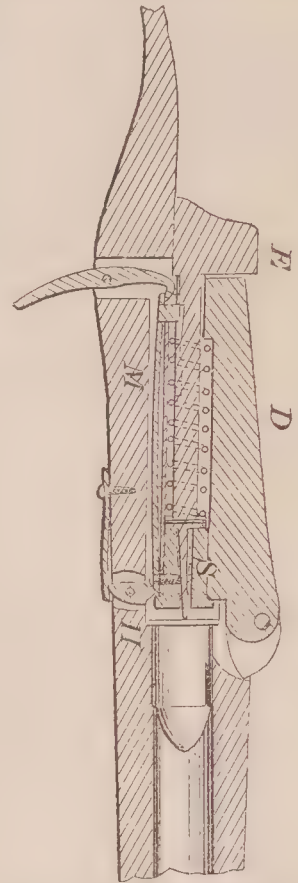
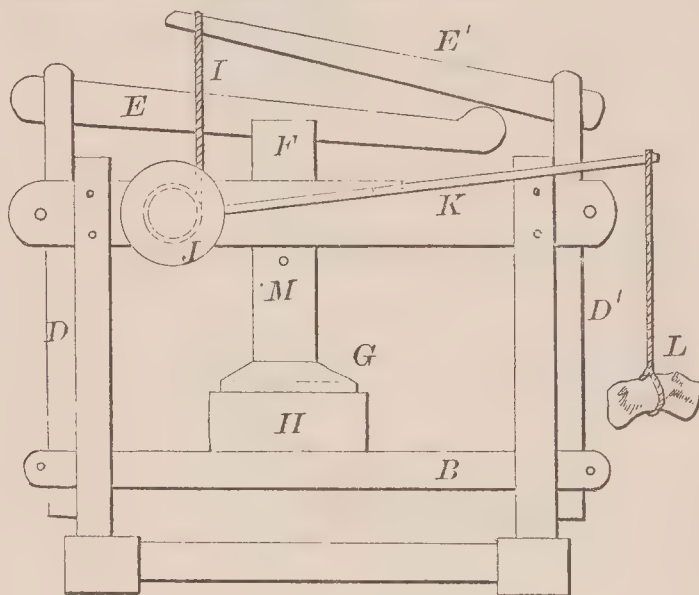
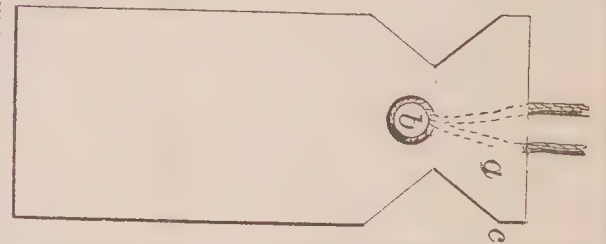
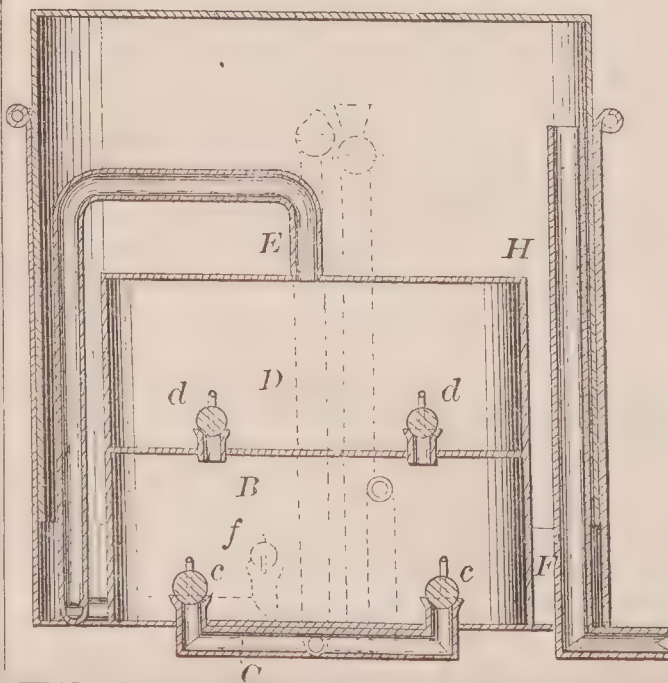
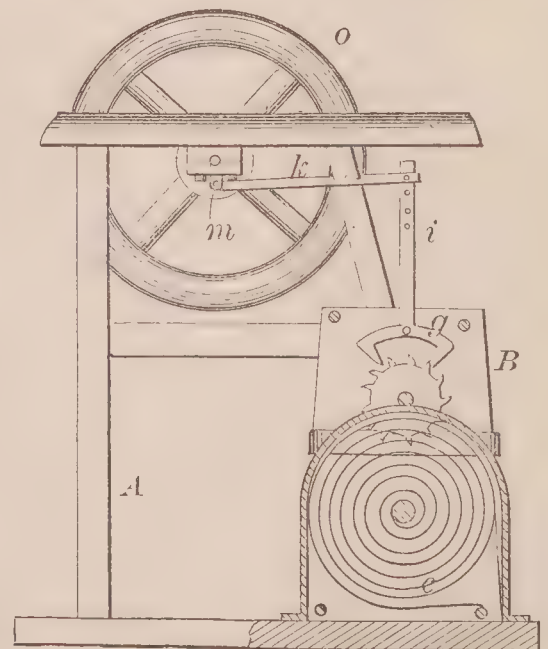
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79281—D. G. Terrell—Brake for Horse Power Machines.

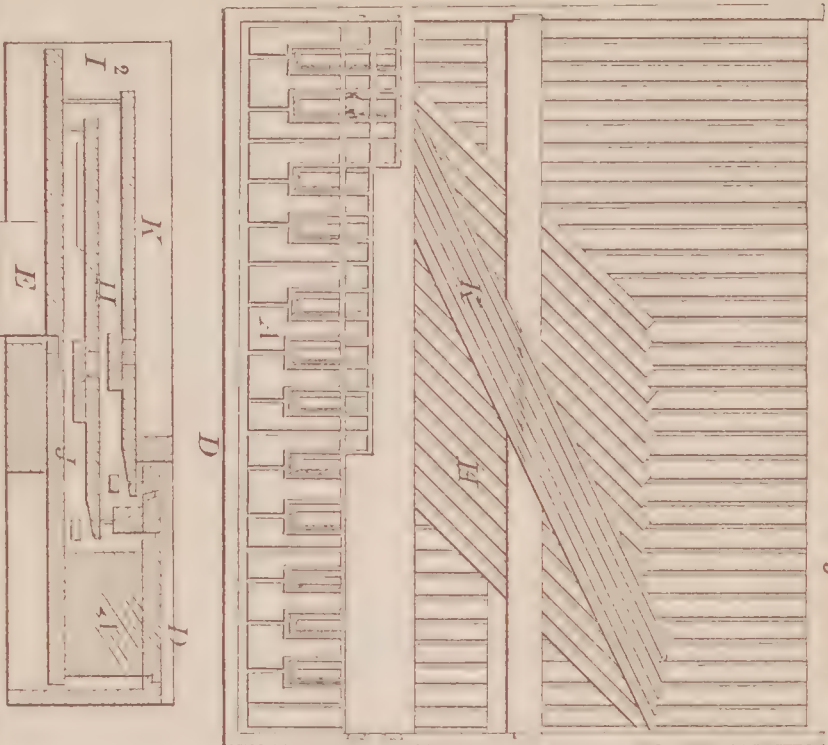




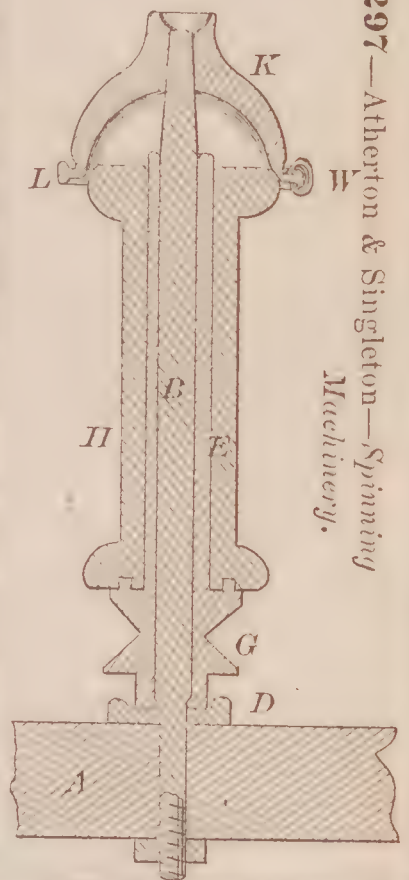
79284—F. Wicks—*Horse Rake.*79288—J. H. Zinn—*Line Holder.*79291—W. Morgenstern—*Five Arm.*79286—P. Wilson—*Cheese Press.*79287—Wright & Orr—*Tag.*79290—C. B. Willoughby—*Carburetter.*79289—S. G. Monce—*For Motive Power.*



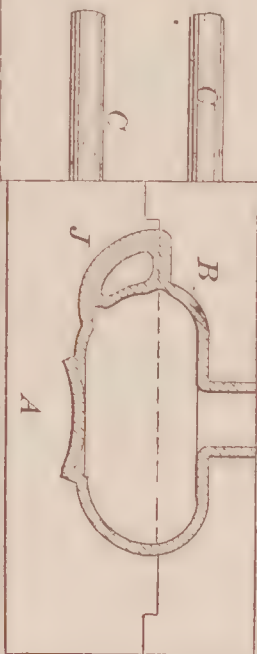
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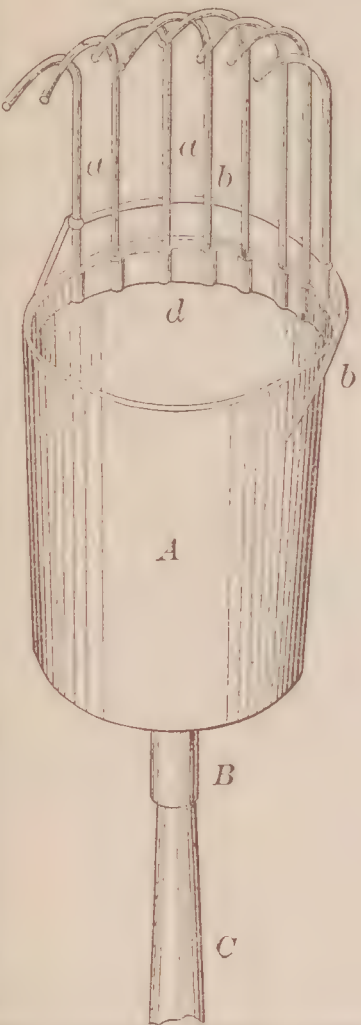
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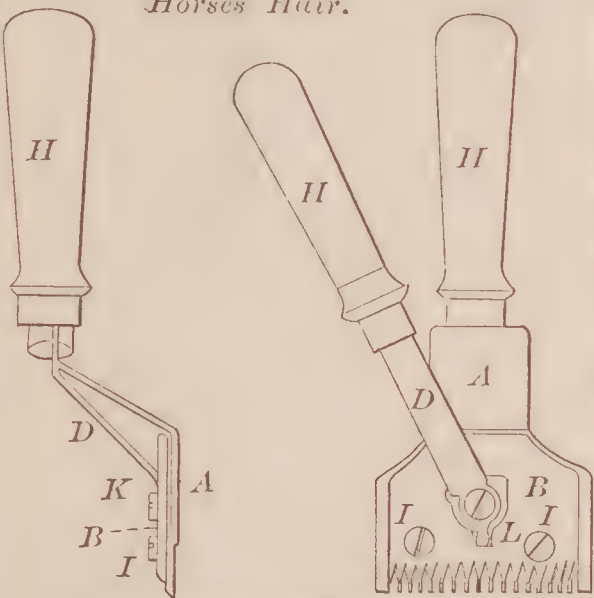
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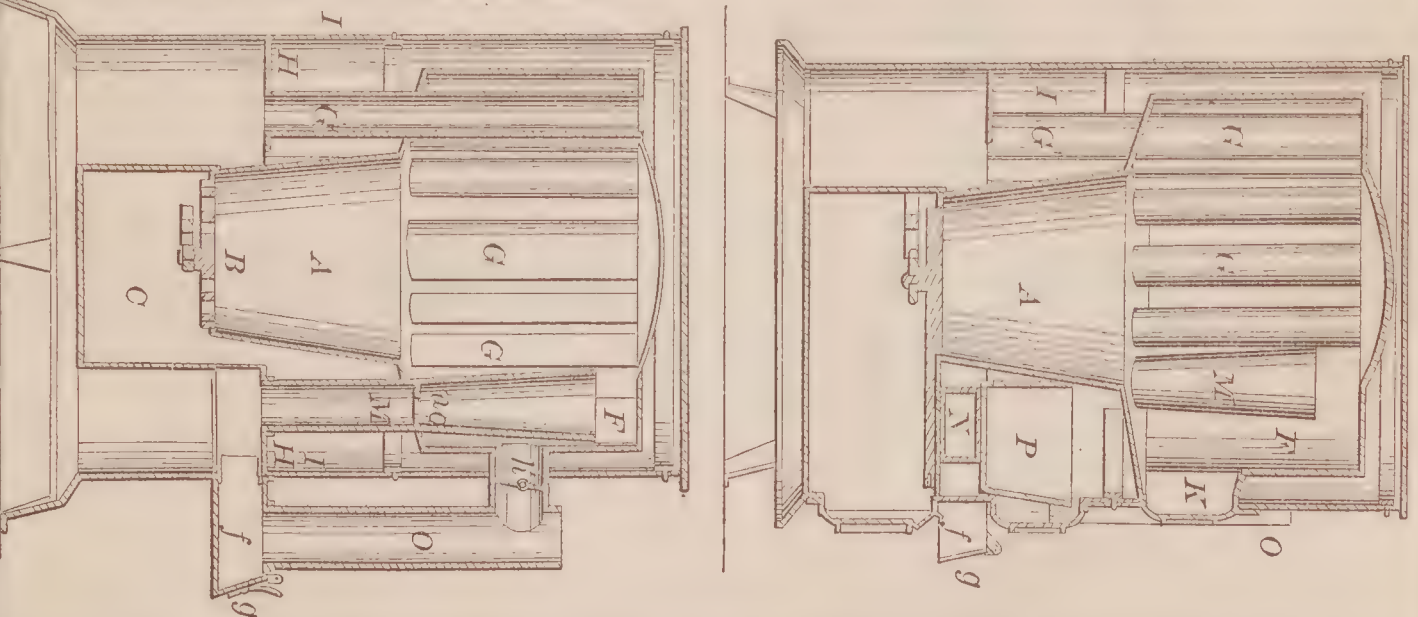
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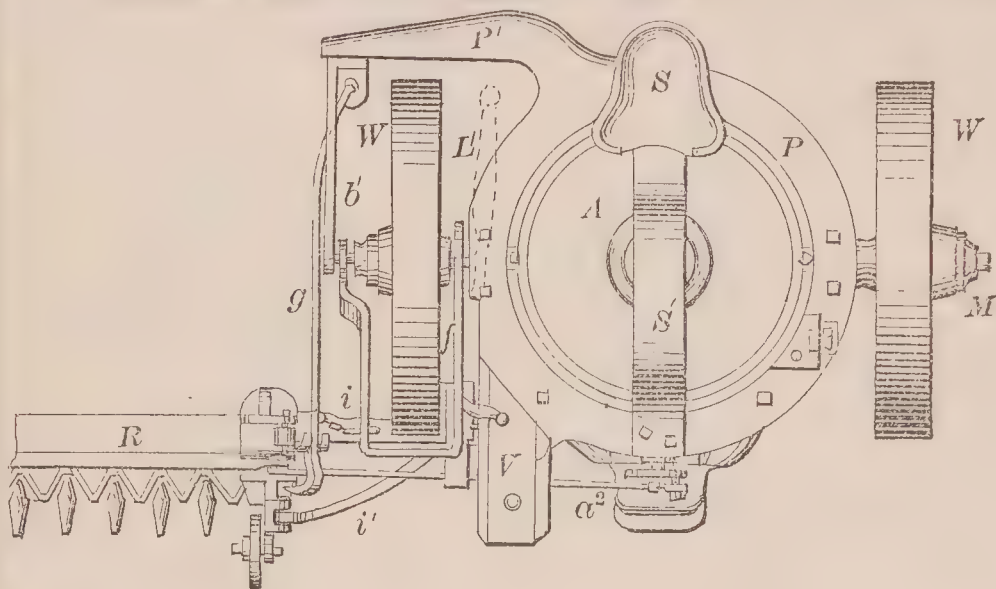
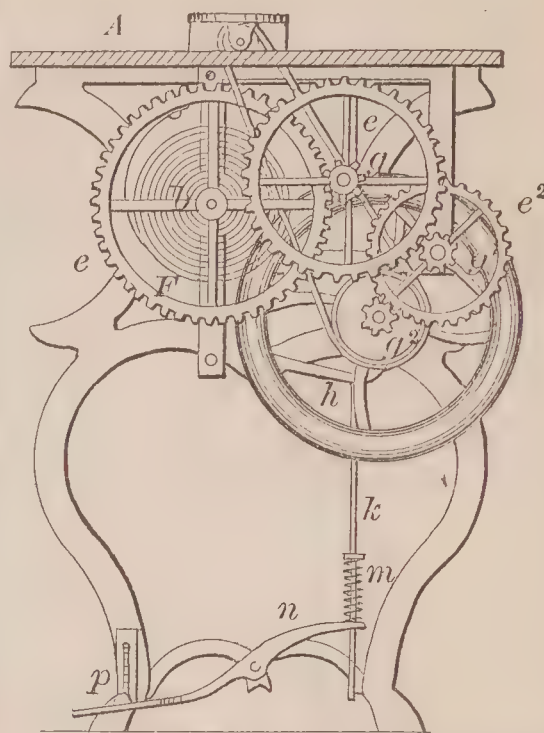
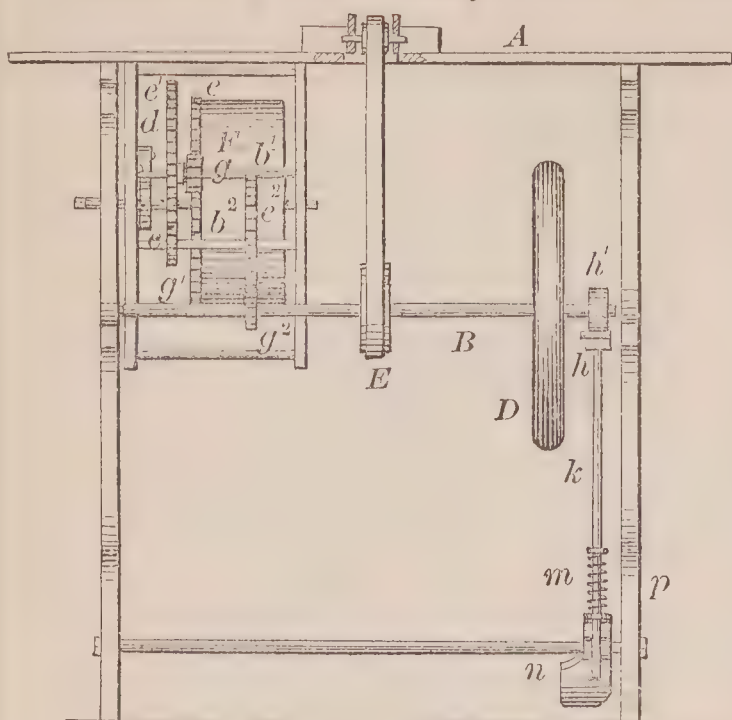
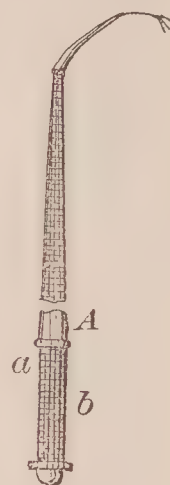
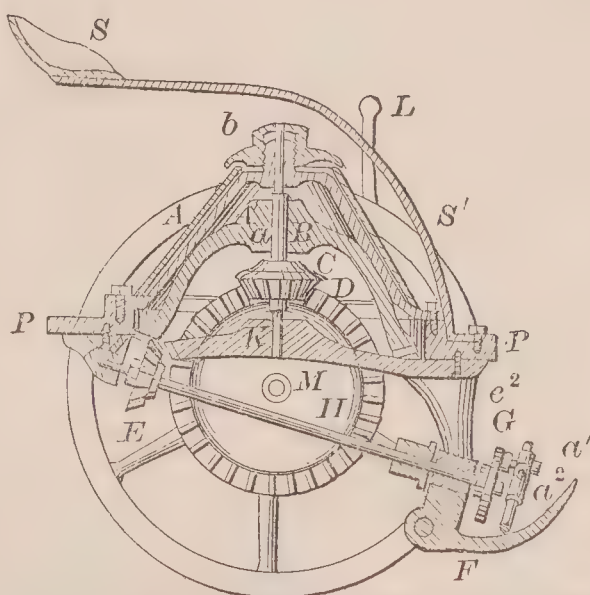
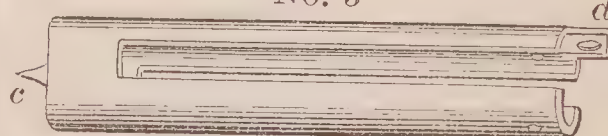
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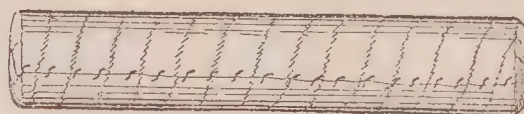
79294—J. Albee—Hot Air Furnace.





79296—A. Q. Allis—*Sewing Machine Treadle.*79299—D. Avery—*Whip.*79300—D. Babcock—*Harvester.*79302—H. Beyrodt—*Bed Spring.*  
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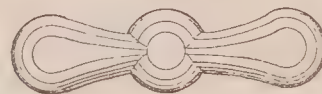
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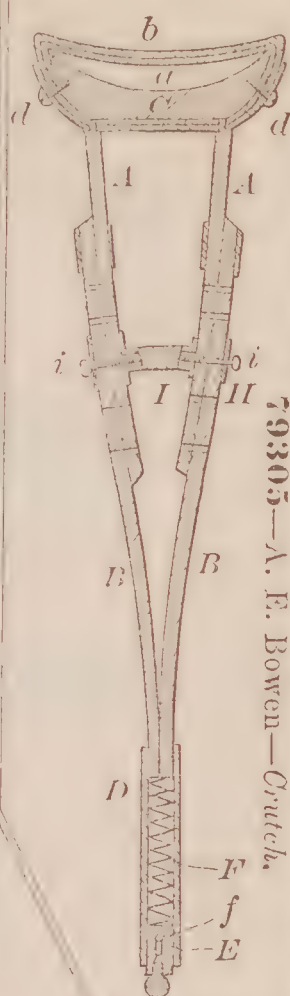
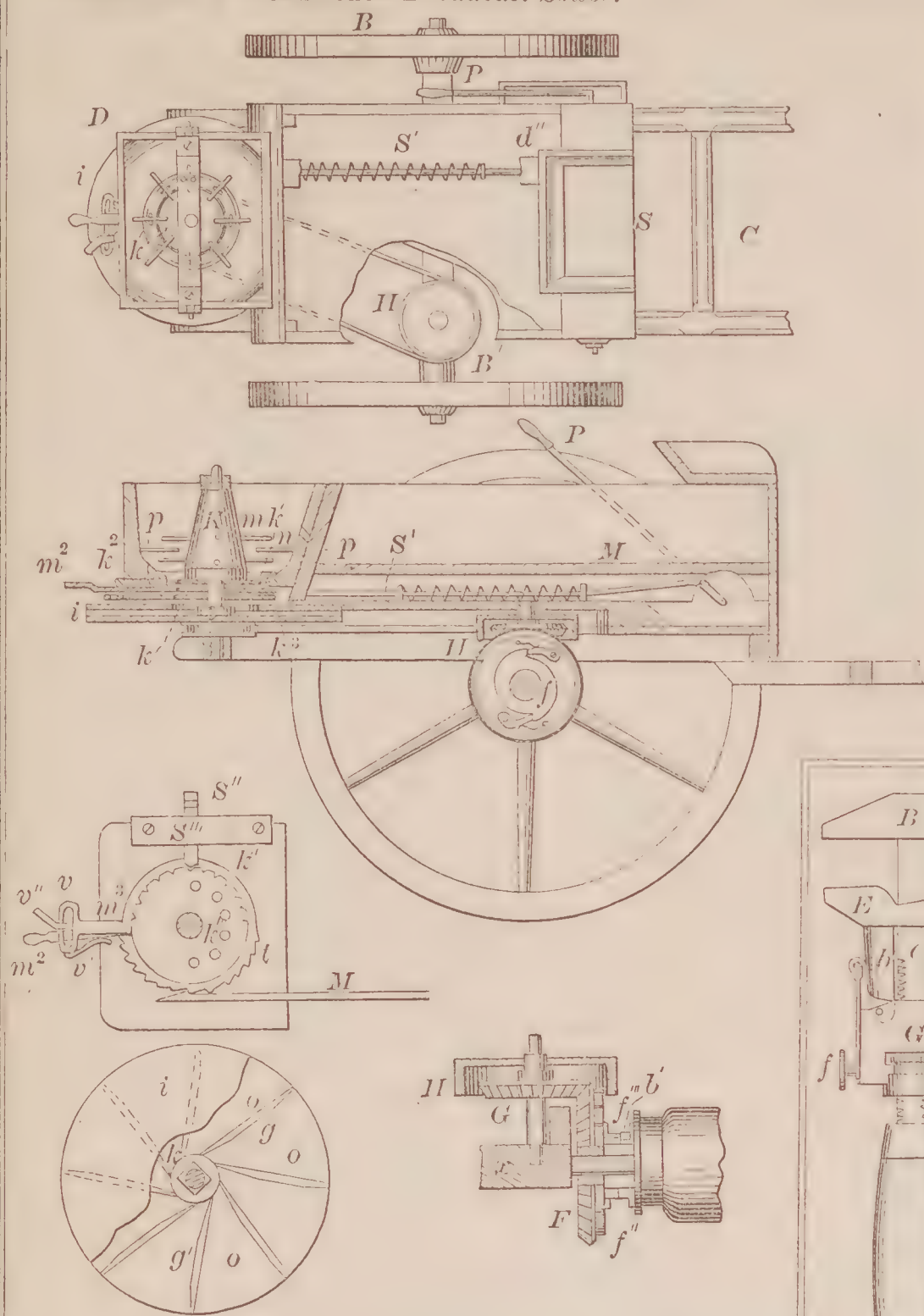


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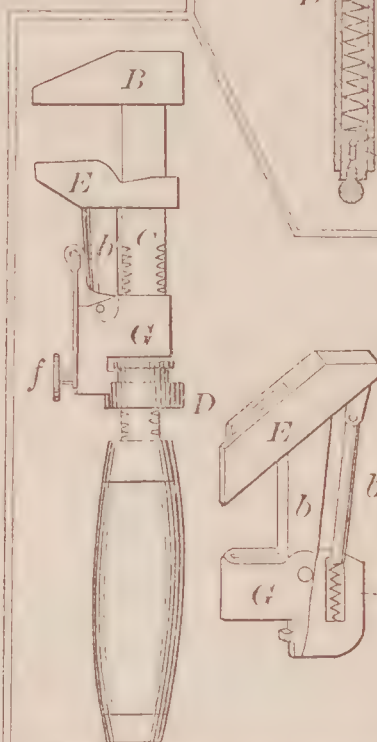
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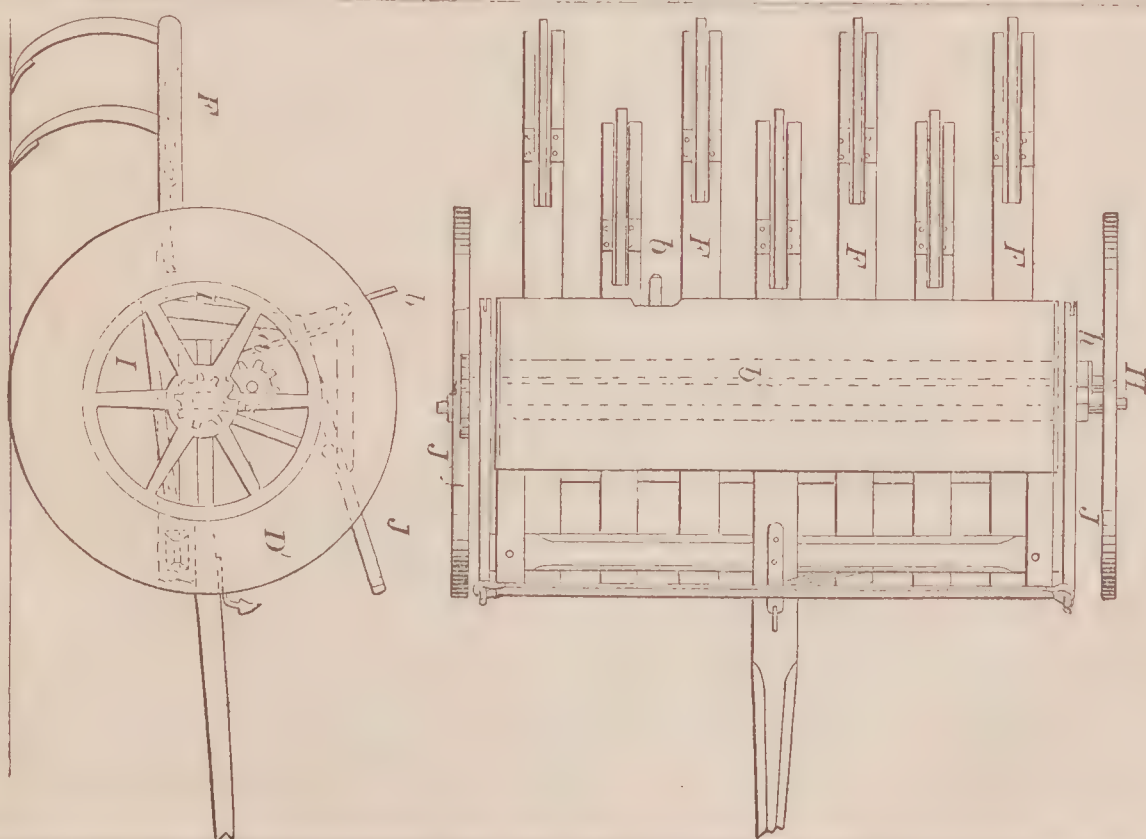
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79305—A. E. Bowen—*Crutch.*



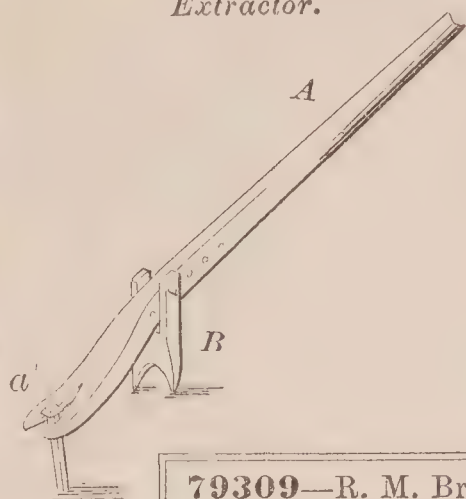
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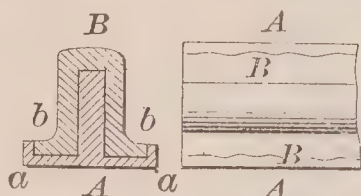
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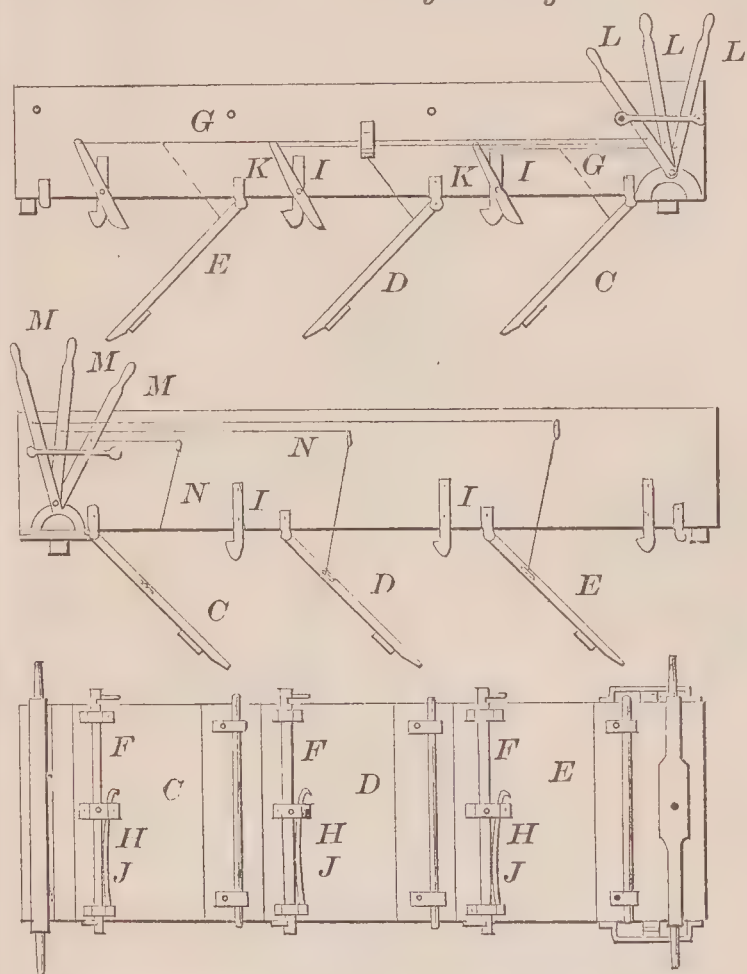
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Extractor.*



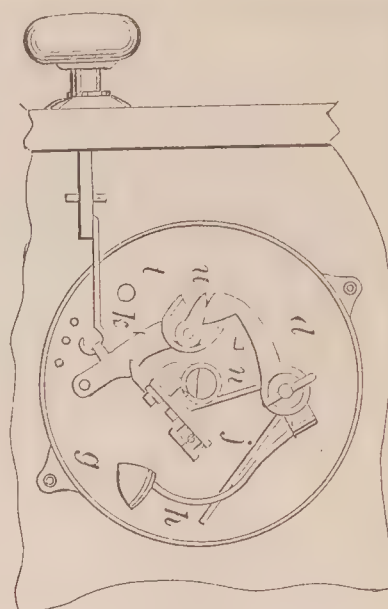
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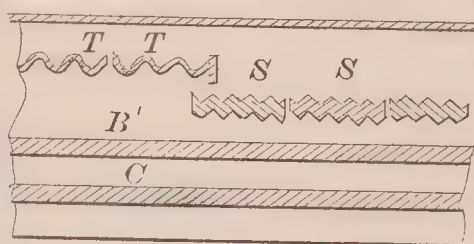
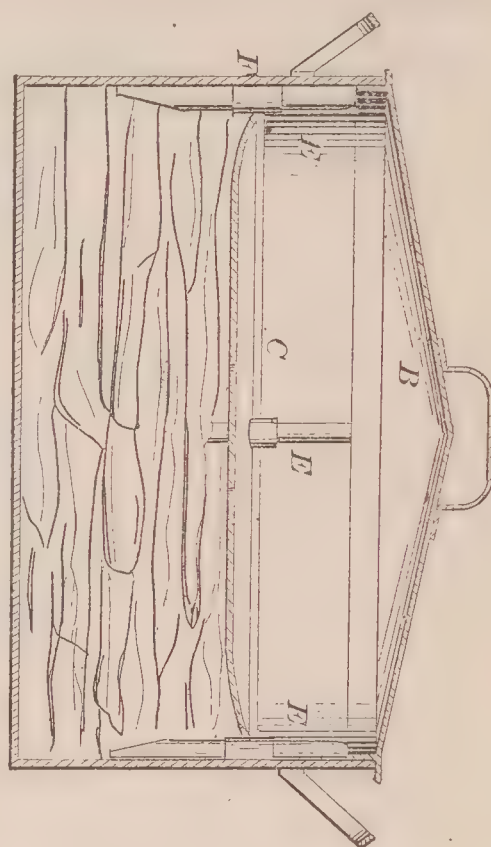
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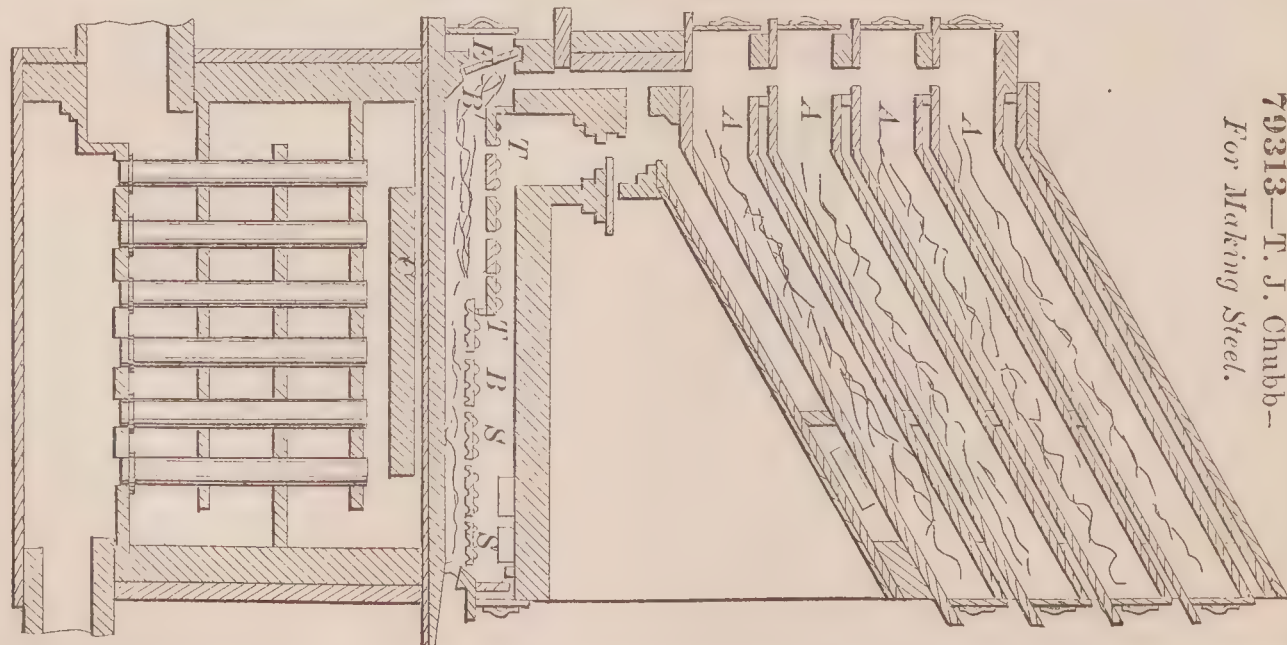
79308—A. T. Brooks—*Door Bell.*



79310—S. Buynitzky—*Wash Boiler.*

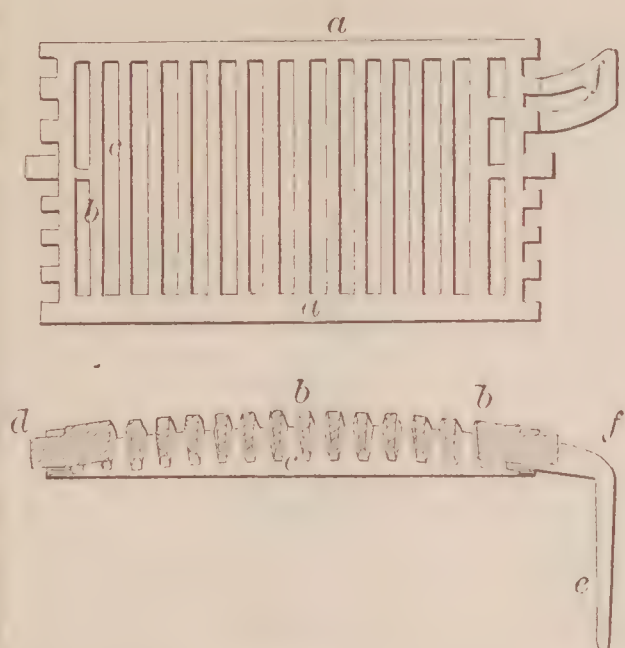


79313—T. J. Chubb—*For Making Steel.*

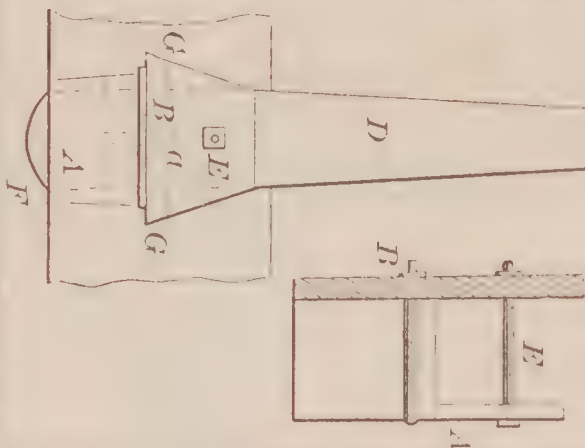




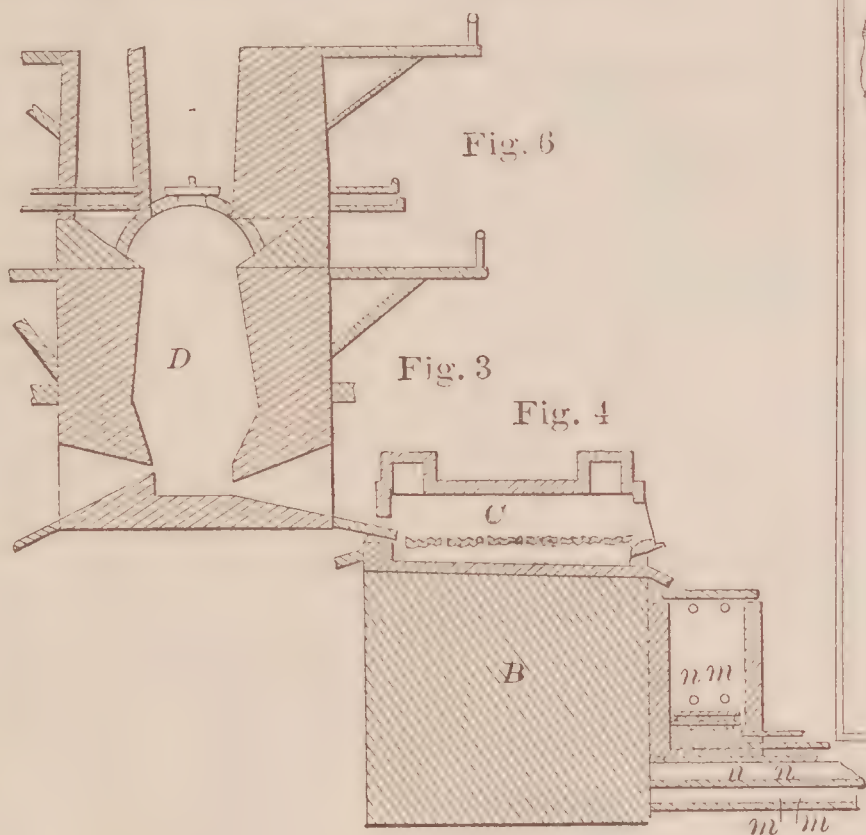
79312—G. Chilson—Store Grate.



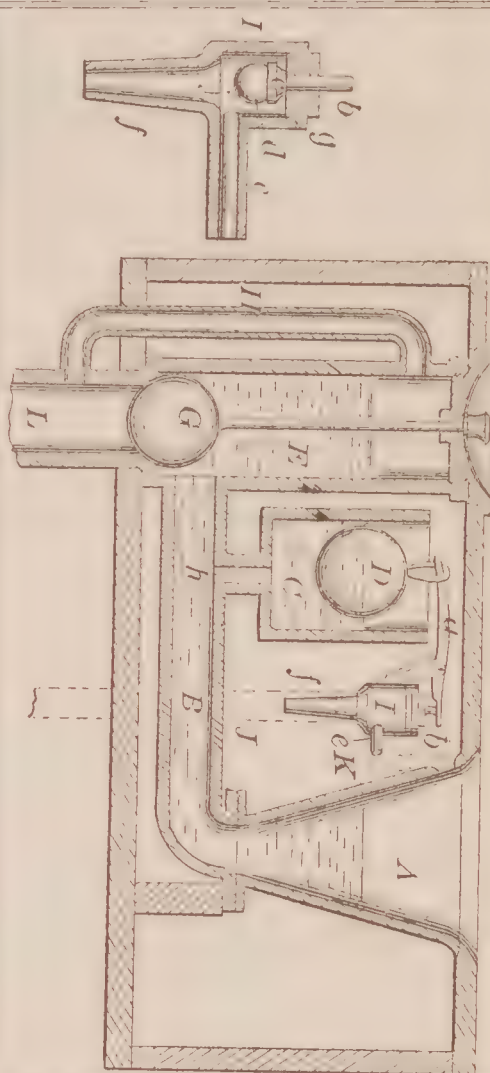
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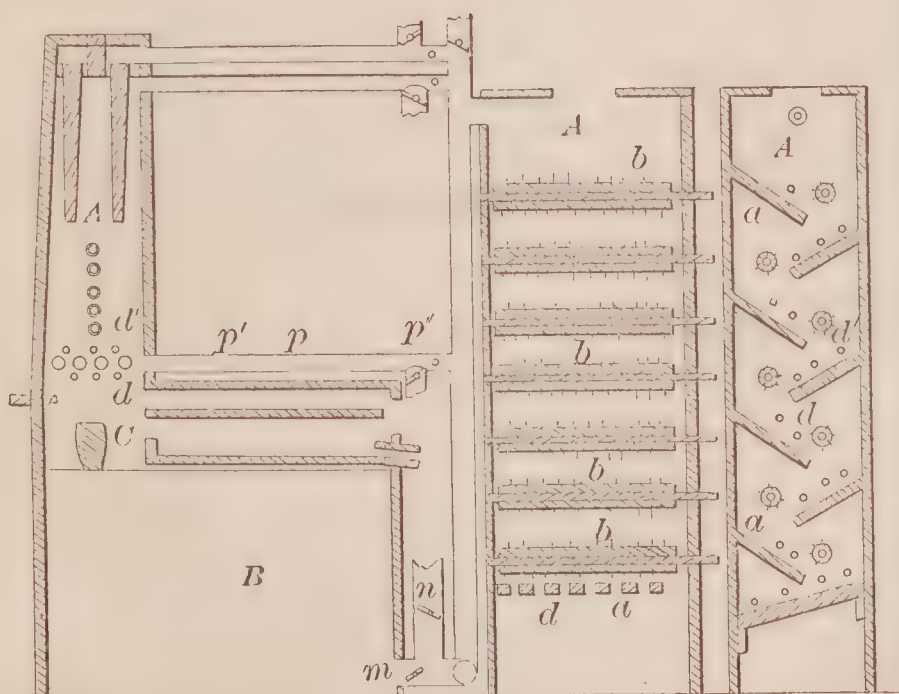
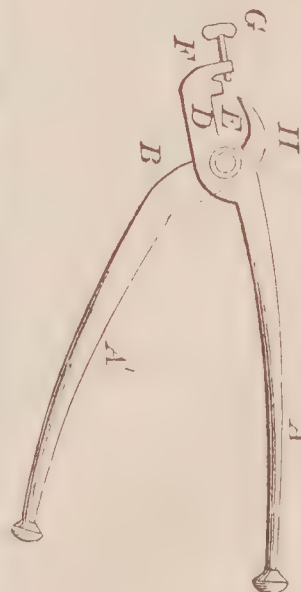
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79318—G. Connon—Supply Regulator for Water Closets.

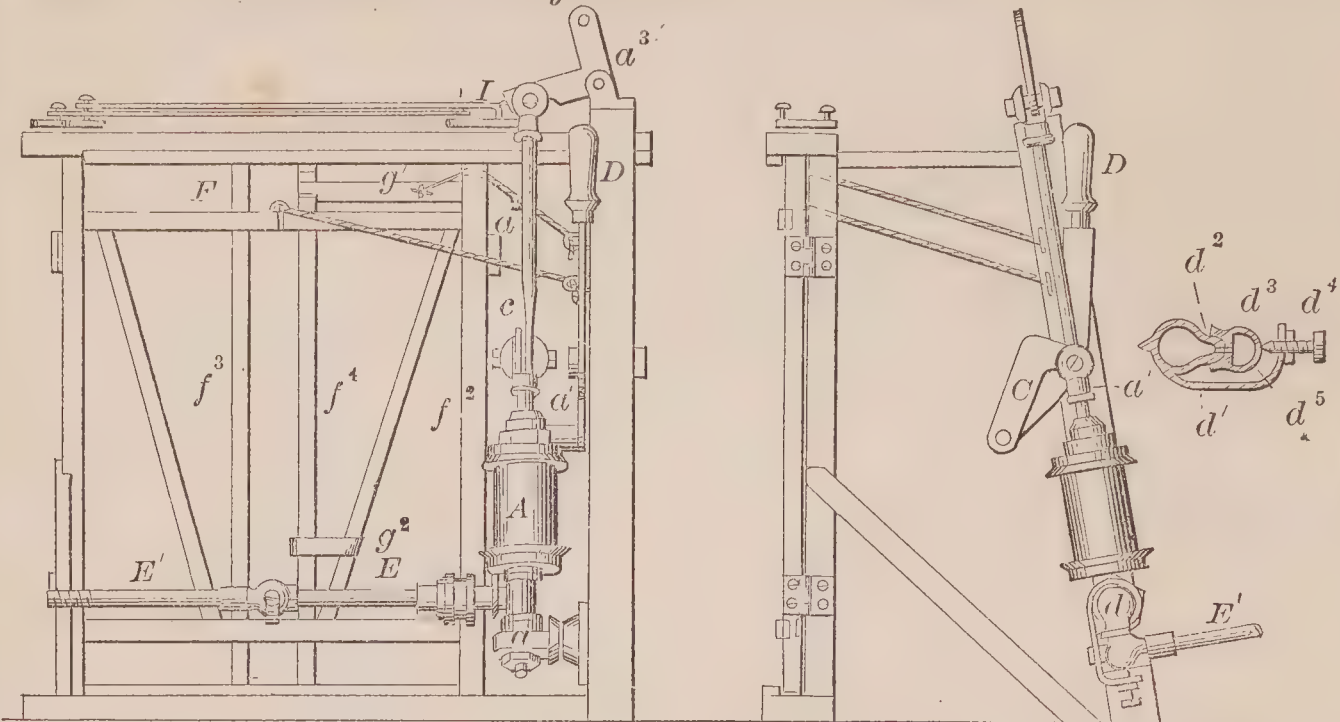


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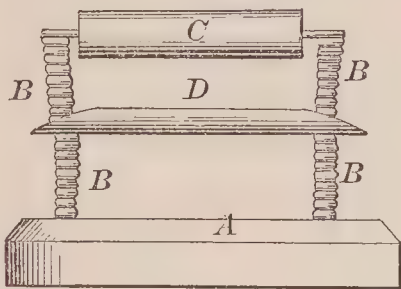




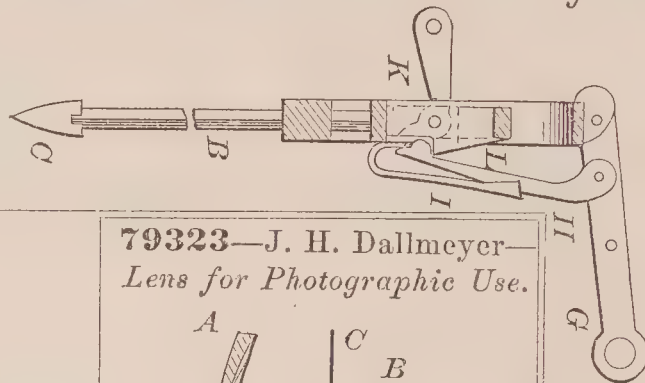
79317—L. O. Colvin—*Cow Milking Machine.*



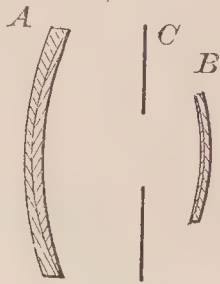
79320—S. H. Cummings—*Sad Iron Handle.*



79328—J. Drinkwater—*Horse Hay Fork.*



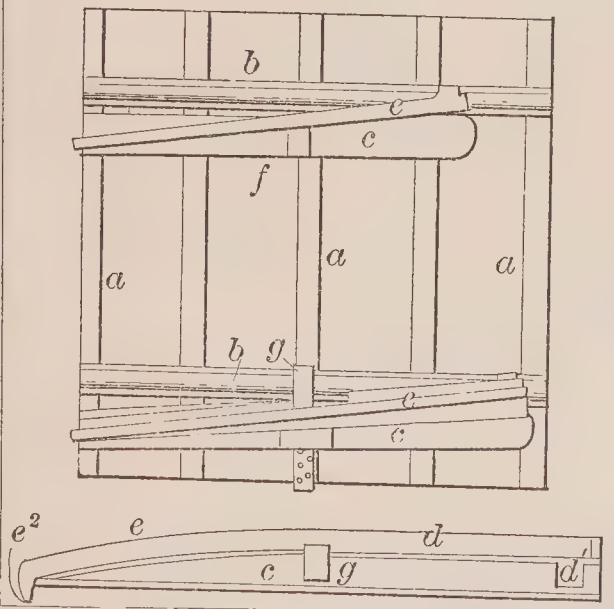
79323—J. H. Dallmeyer—*Lens for Photographic Use.*



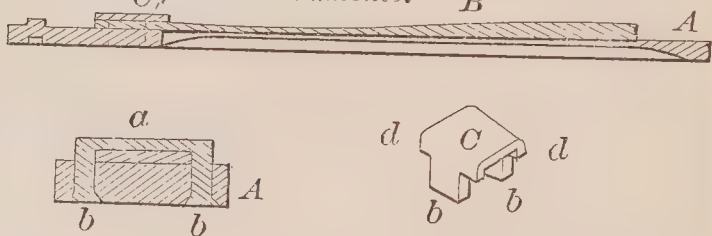
79321—C. N. Cutter—*Reed for Musical Instruments.*



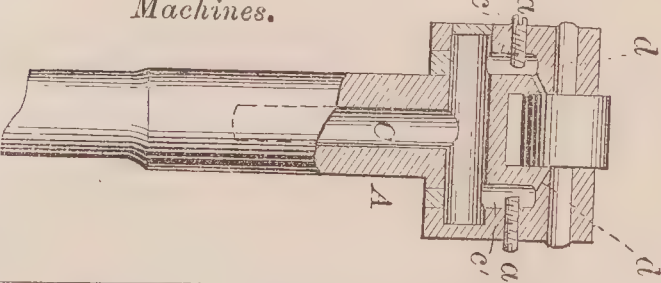
79325—R. Davis—*Car Replacer.*



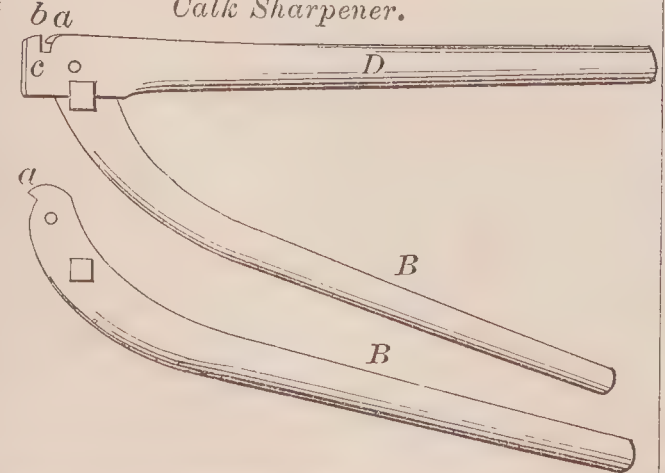
79322—C. N. Cutter—*Reed for Musical Instruments.*



79326—L. A. Dodge—*Lubricator for Nail Machines.*



79319—R. Crocker—*Horse Shoe Calk Sharpener.*



79324—P. Davis—*Letter Pouch.*

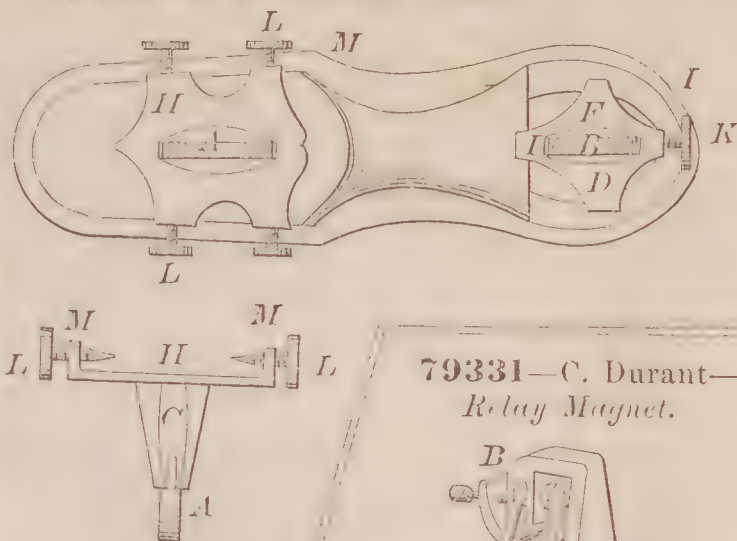
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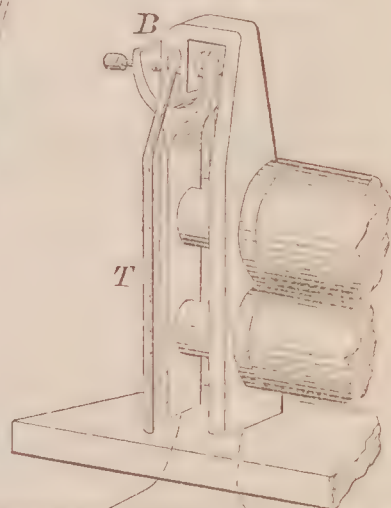
79327—N. B. Douglas—*Hay Louder.*



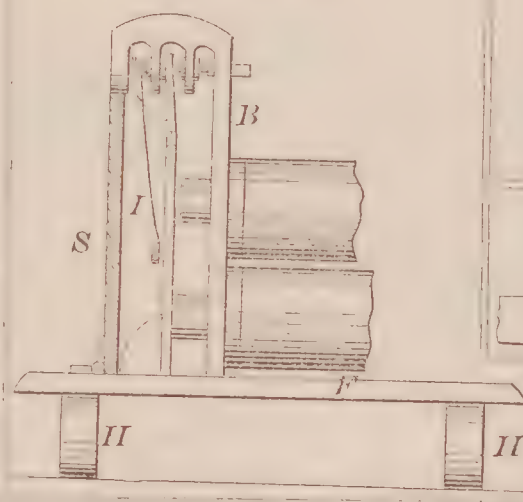
79329—s. A. Du Bois—*Skate*.



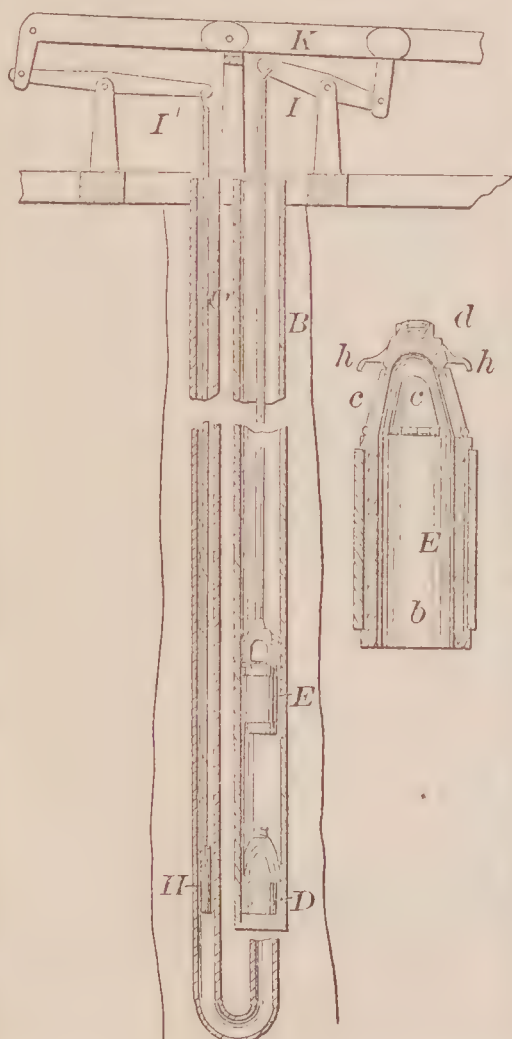
79331—C. Durant—  
*Relay Magnet.*



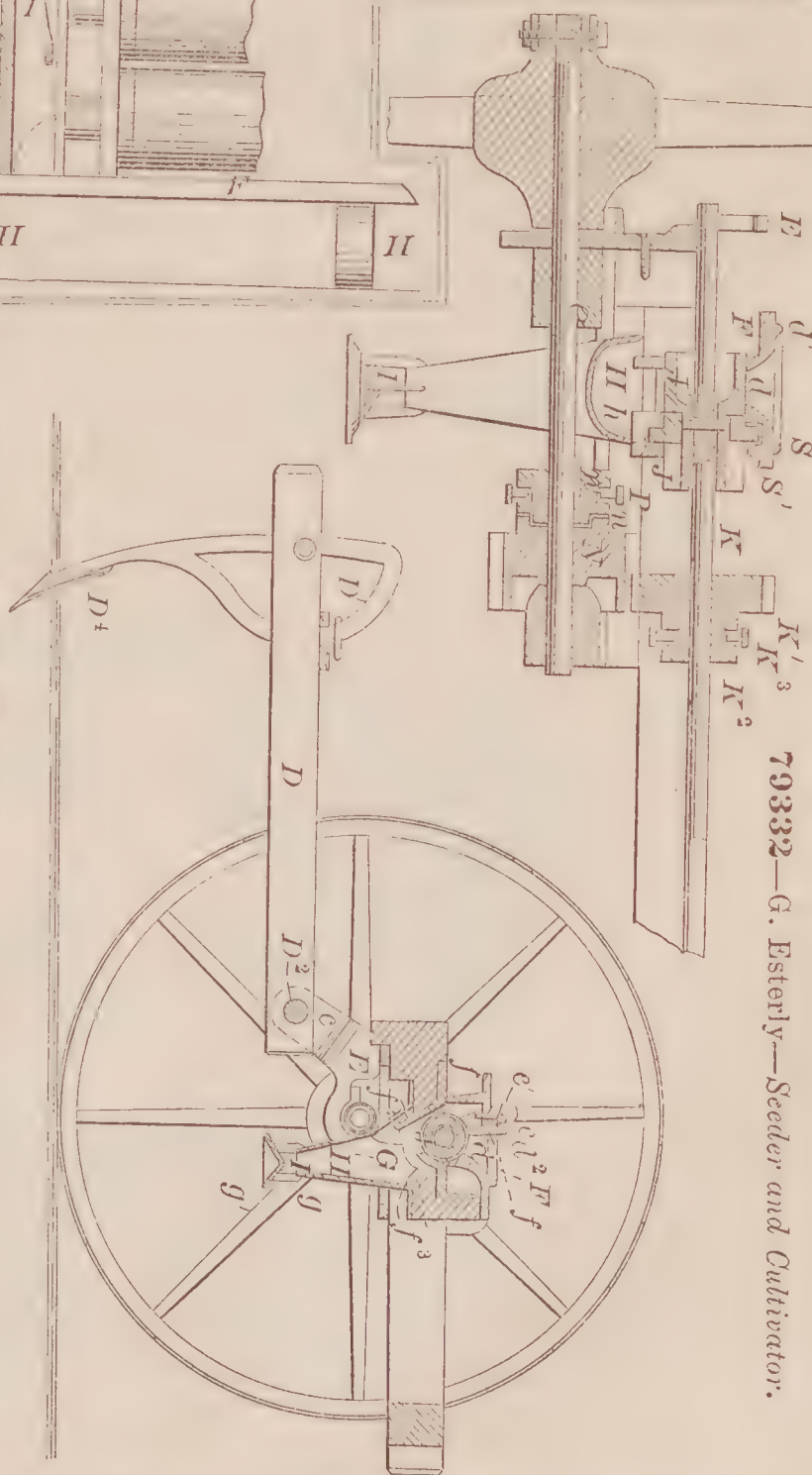
79330—C. Durant—  
*Relay Magnet.*



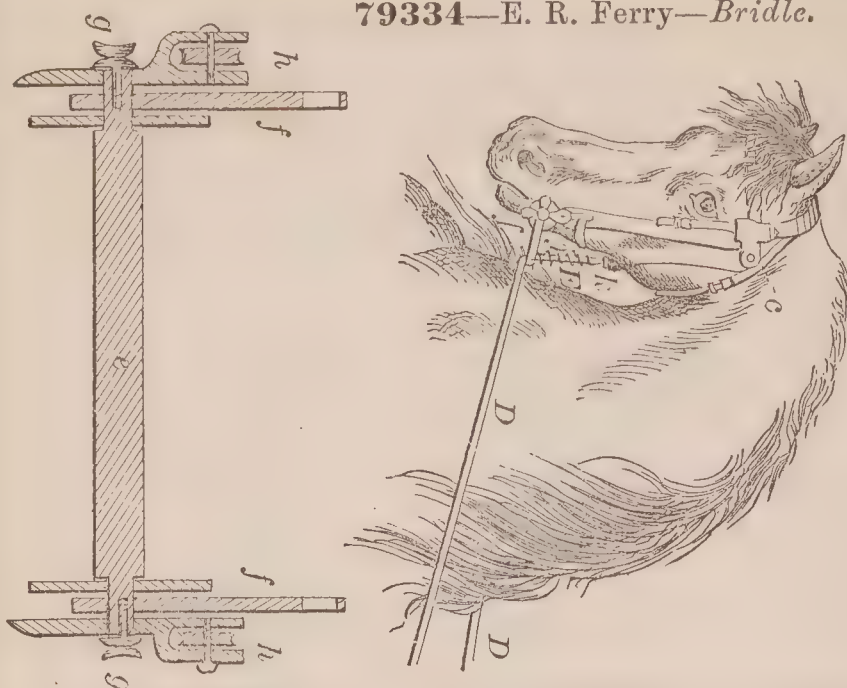
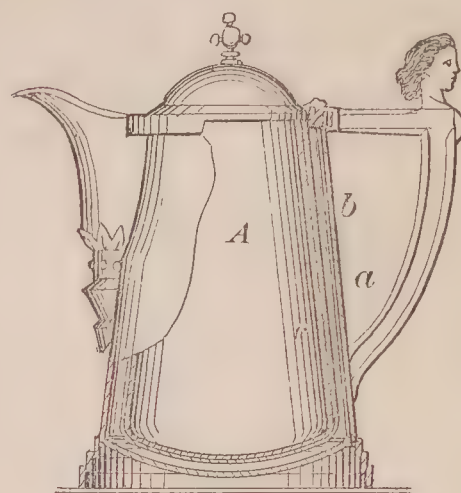
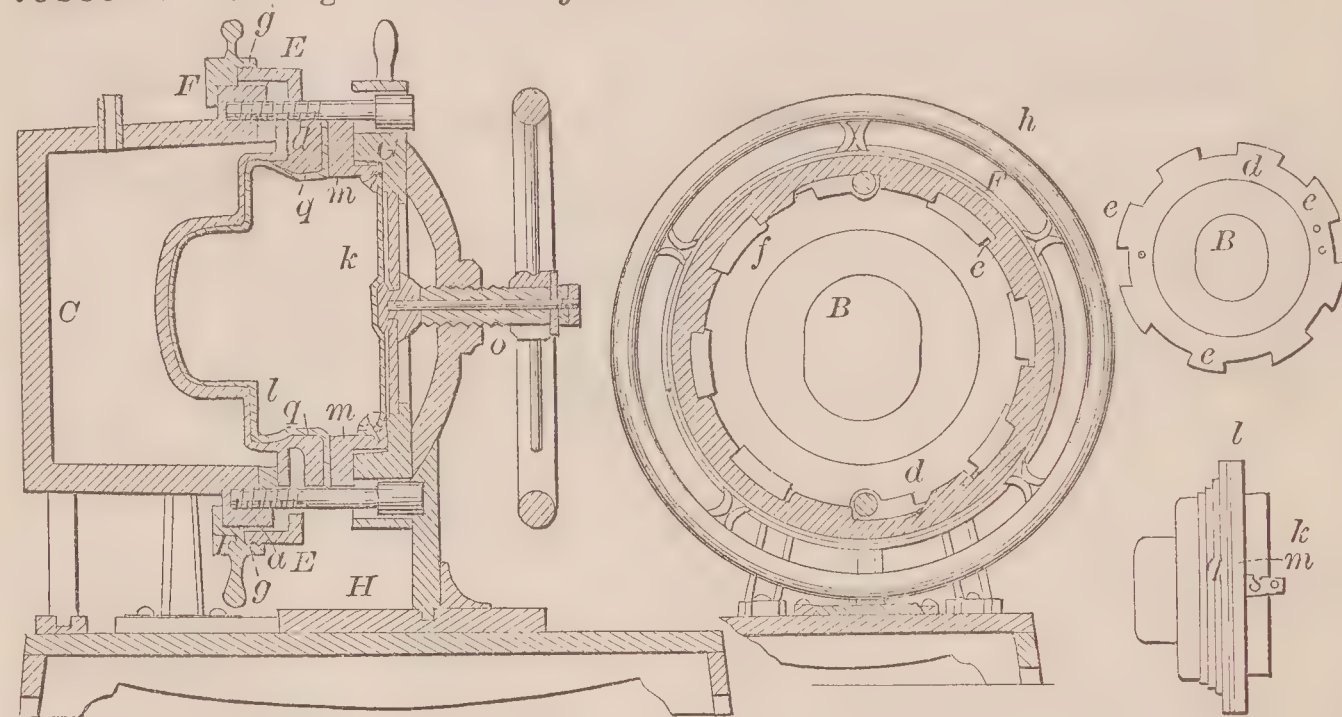
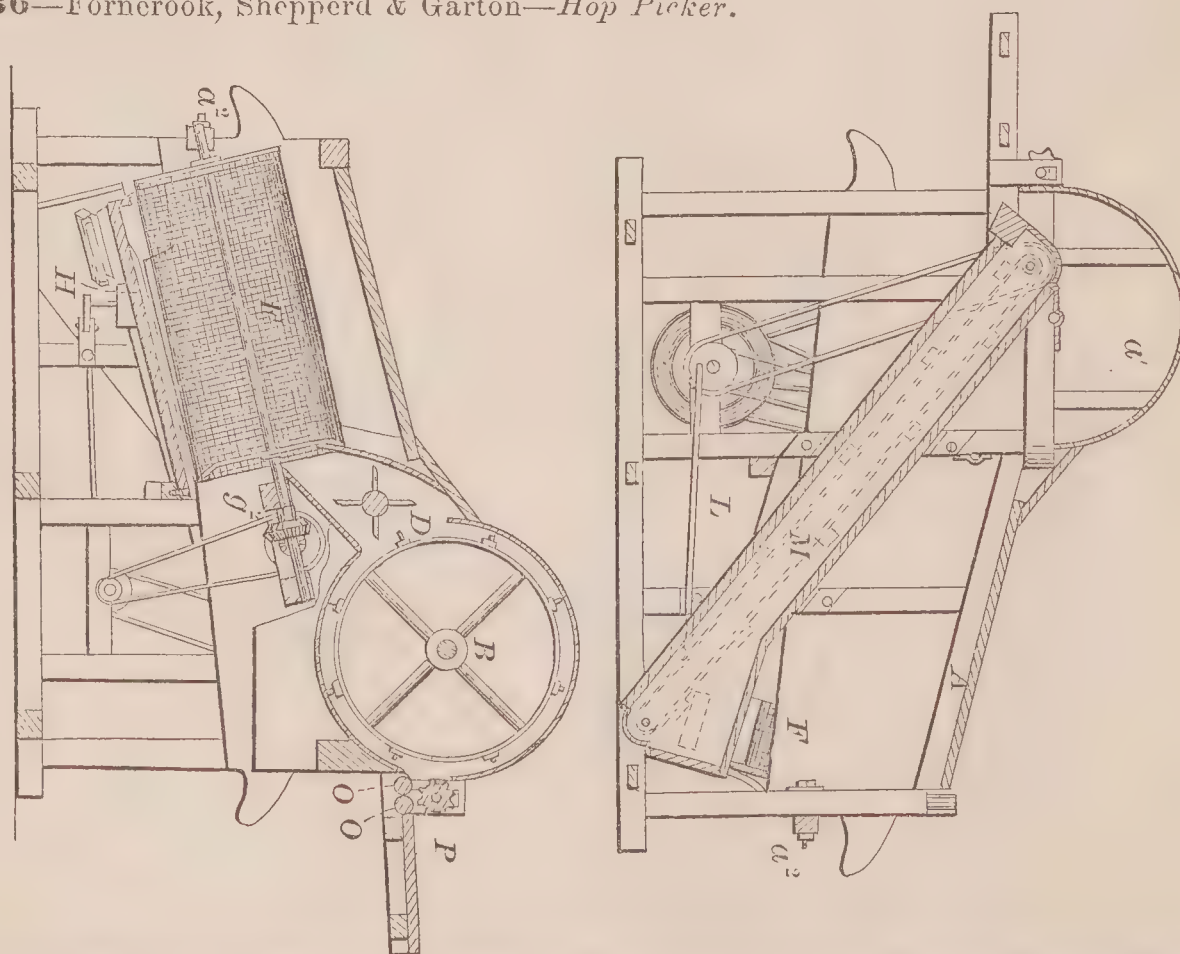
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Well Pump.*



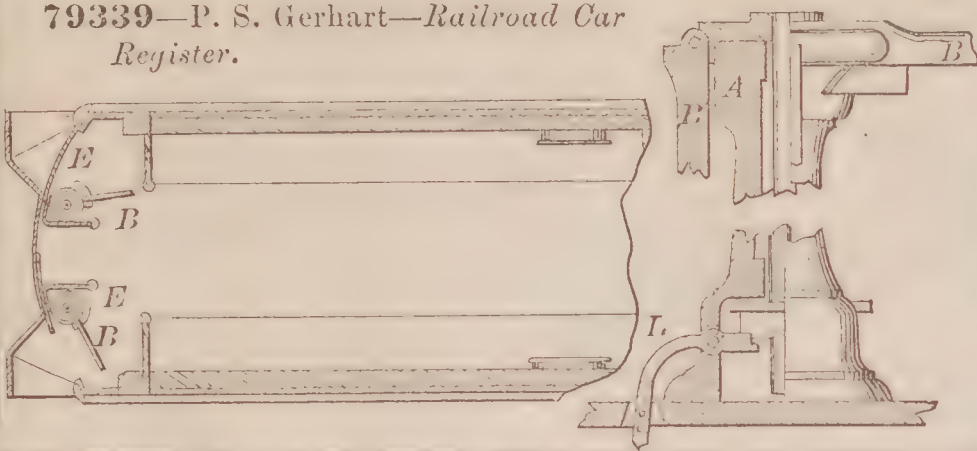
793332—G. Esterly—Seeder and Cultivator.



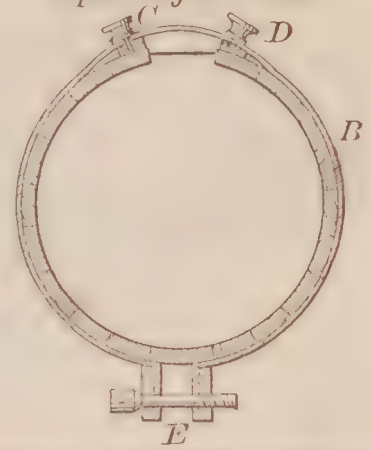


79334—E. R. Ferry—*Bridle.*79335—C. C. Foote—*Ice Pitcher.*79338—W. E. George—*For Pressing Hats.*79336—Fornerook, Shepperd & Garton—*Hop Picker.*

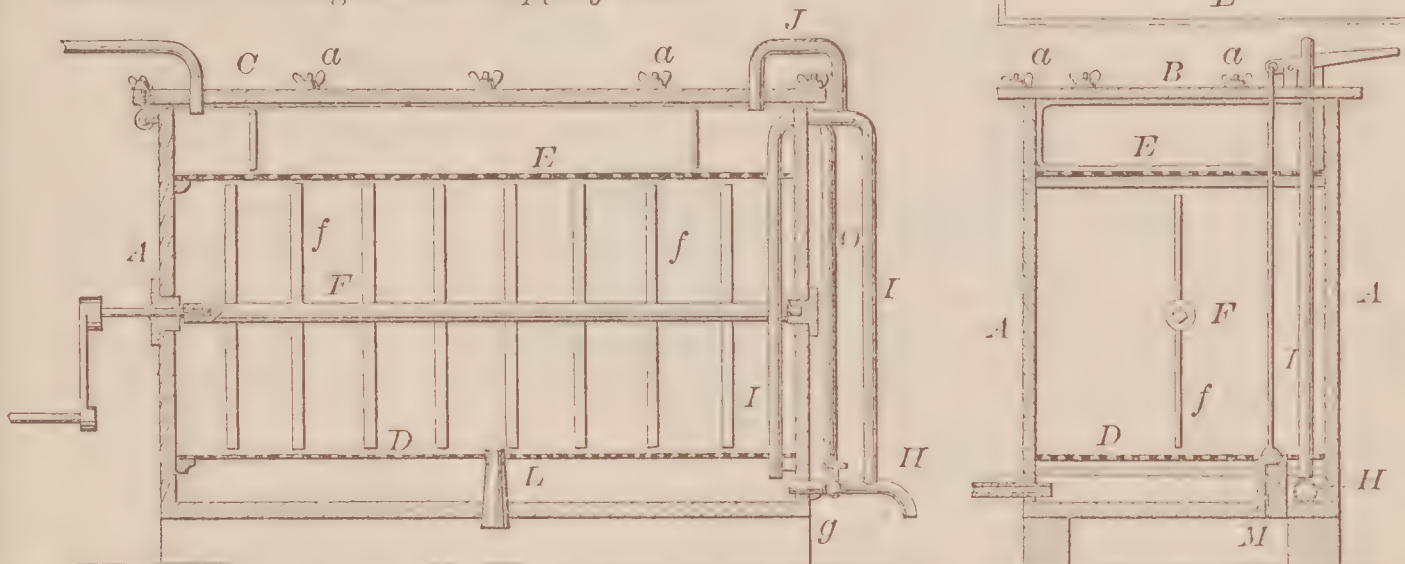
79339—P. S. Gerhart—*Railroad Car Register.*



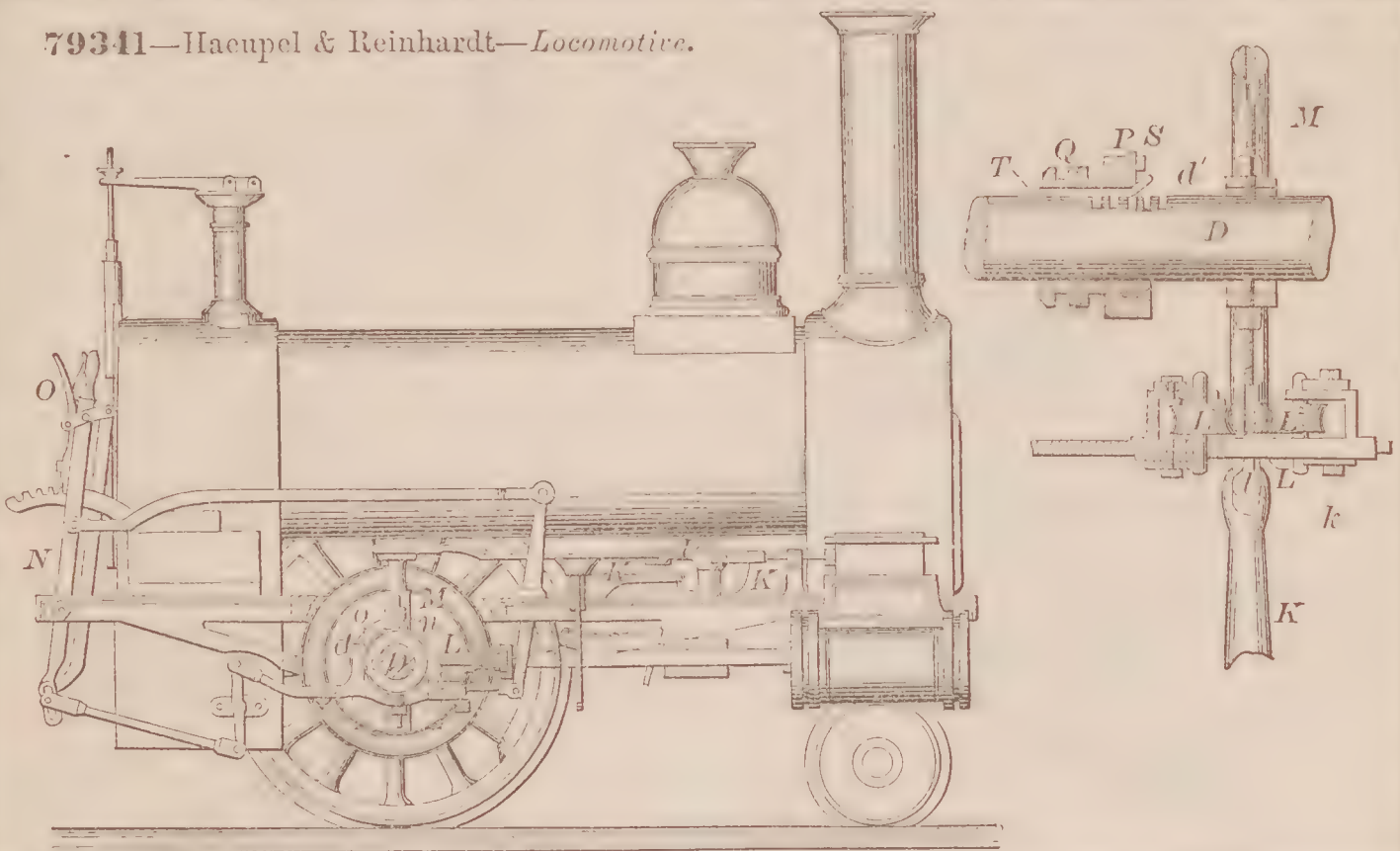
79340—E. W. Gillman—*Repairing Barrels.*



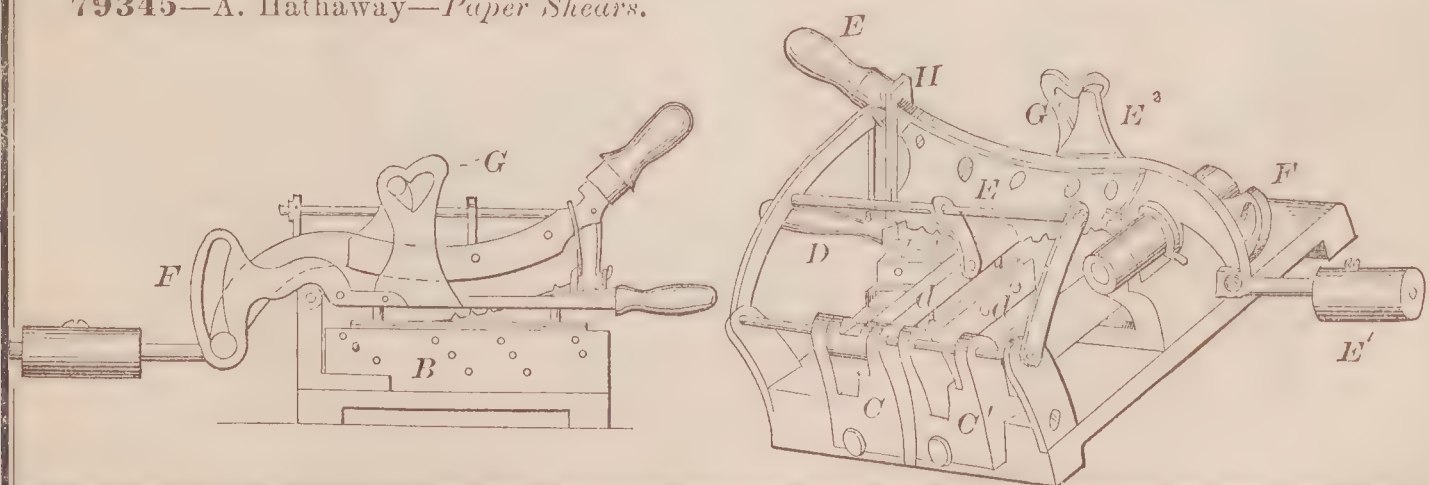
79342—W. S. Haight—*For Hopping Beer.*



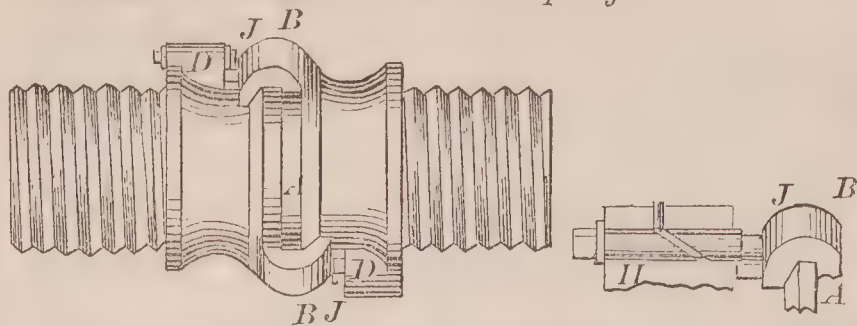
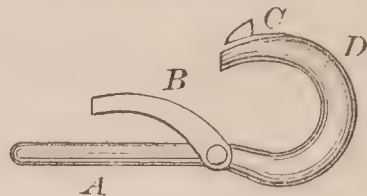
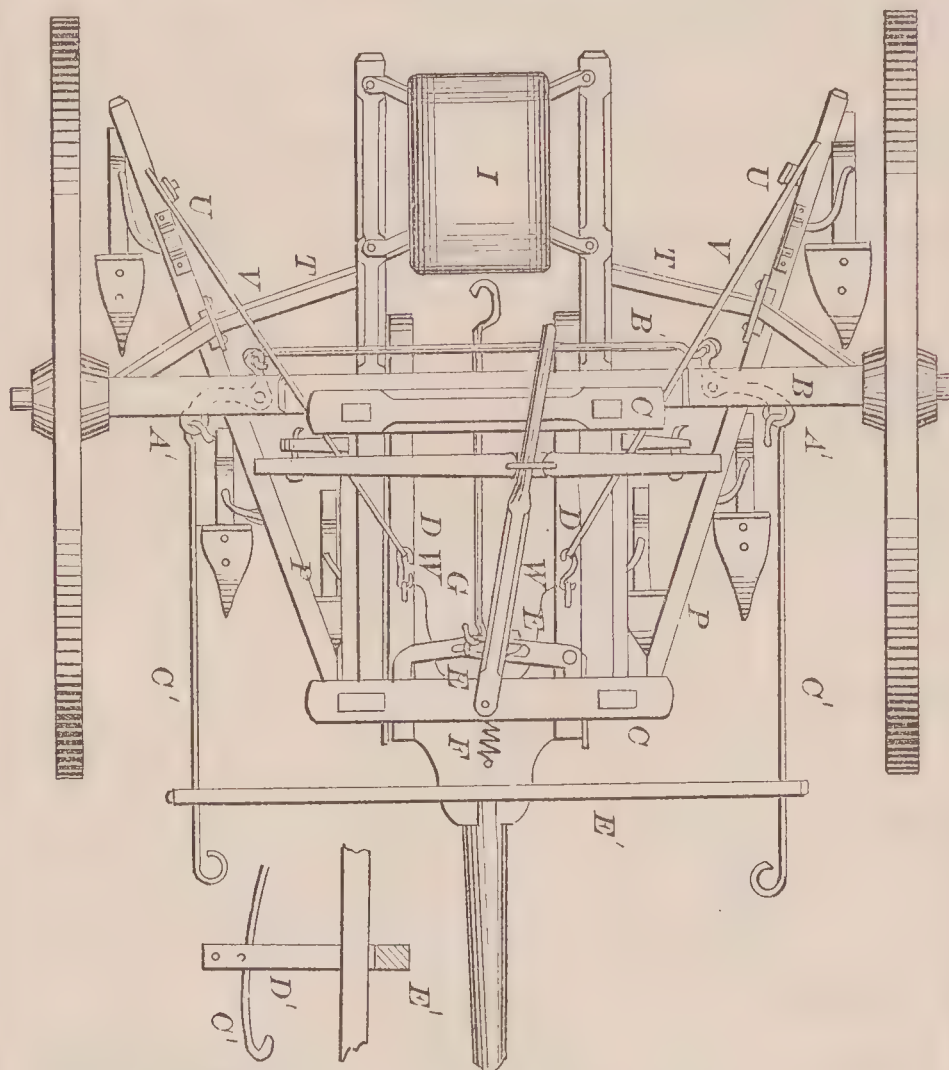
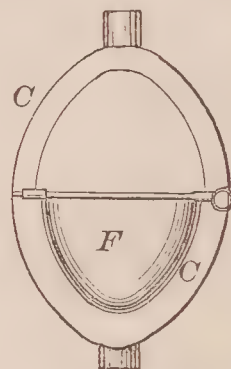
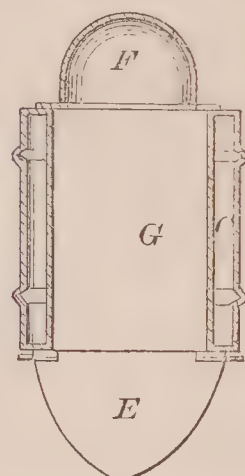
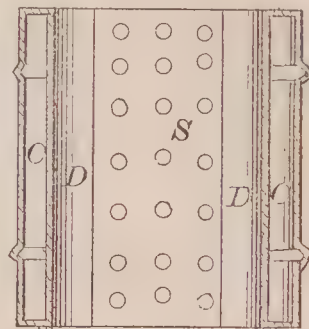
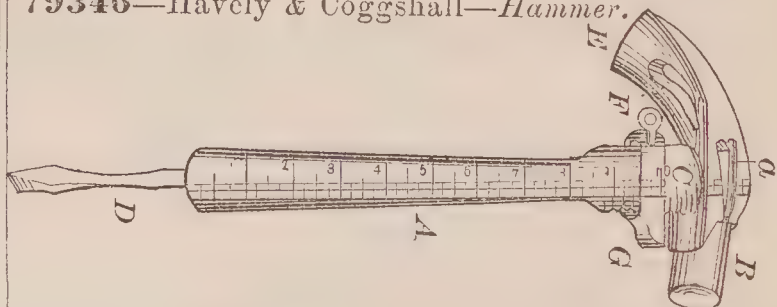
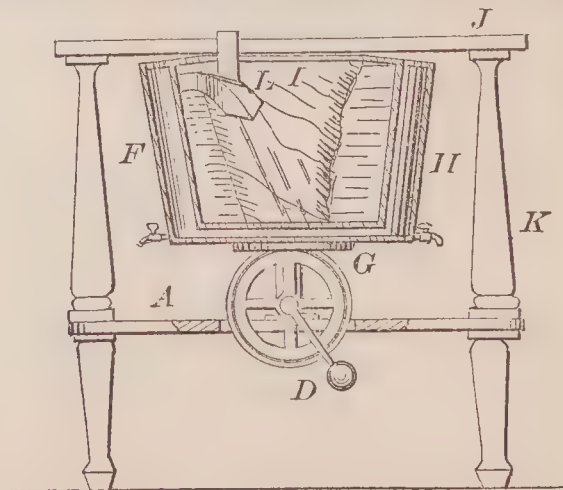
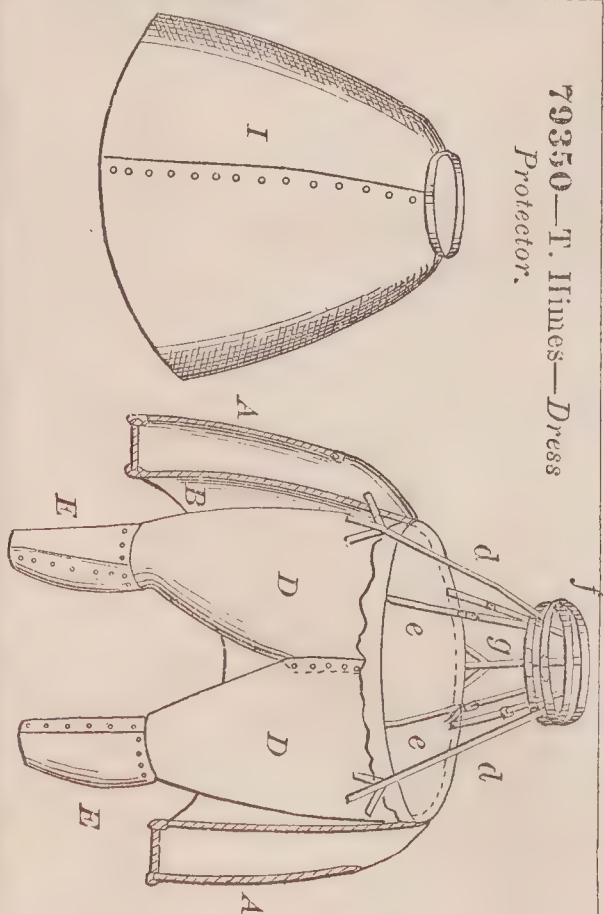
79341—Haeupel & Reinhardt—*Locomotive.*

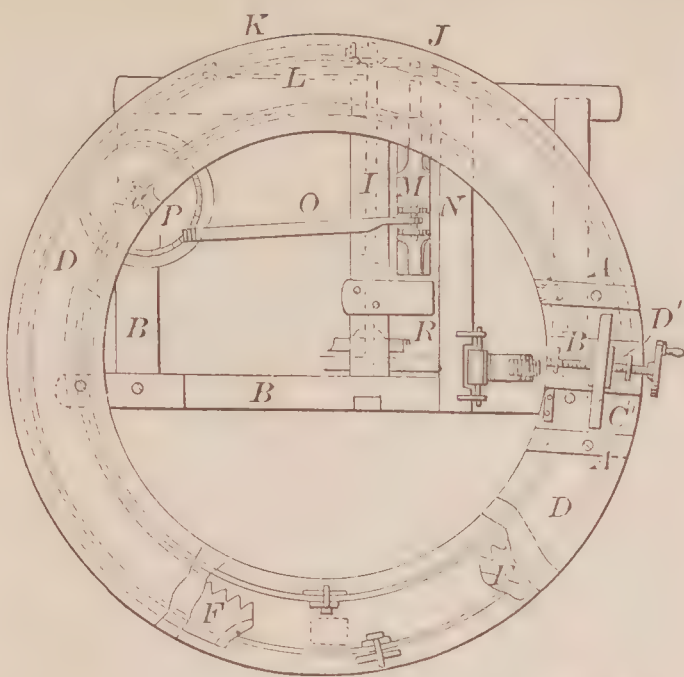


79345—A. Hathaway—*Paper Shears.*



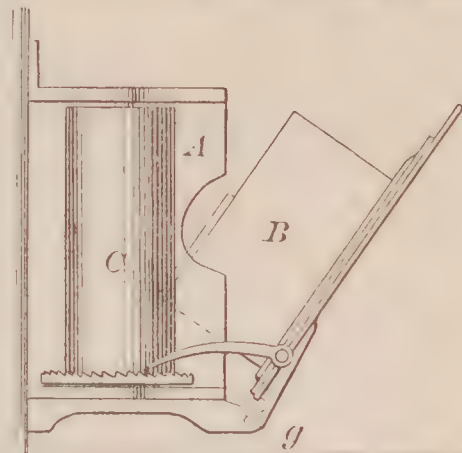


79343—W. Hamilton—*Hose Coupling.*79347—D. Hayes—*Clasp Hook.*79344—Hanover & Bailey—*Cultivator.*79348—H. Herrick—*Stone Pipe, Oven and Heater.*79346—Havely & Coggs—*Hammer.*79349—C. Higley—*Churn and Ice Cream Freezer.*79350—T. Himes—*Dress Protector.*

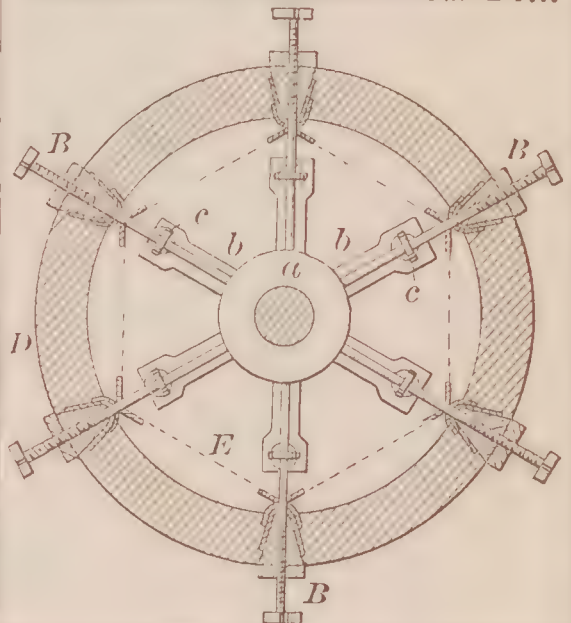


79351—M. J. Hine—Shingle Machine.

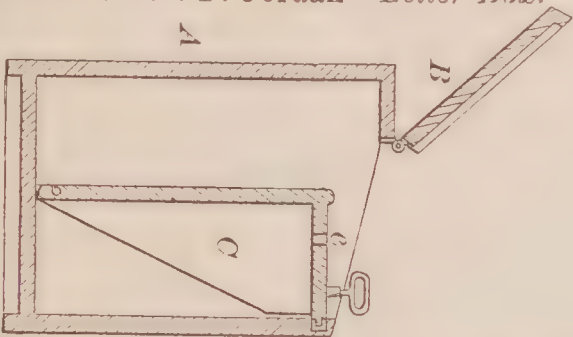
79353—A. Hoyt—Match Safe.



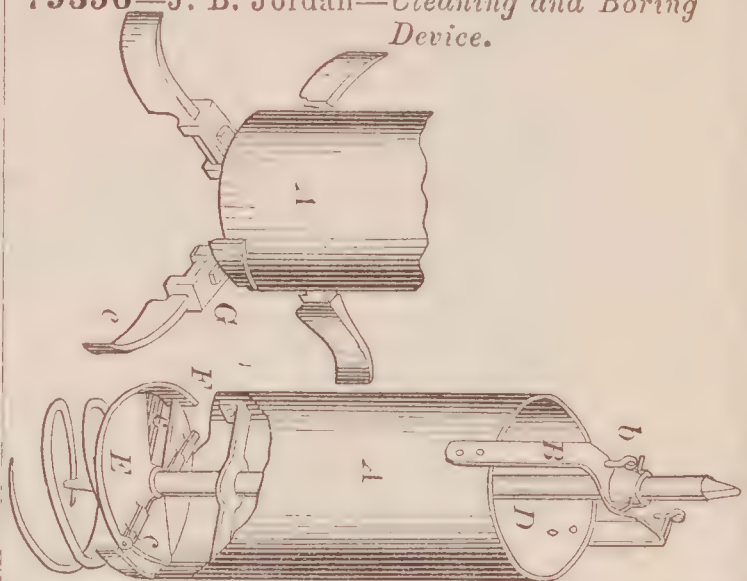
79354—J. G. Humes—Flour Bolt.



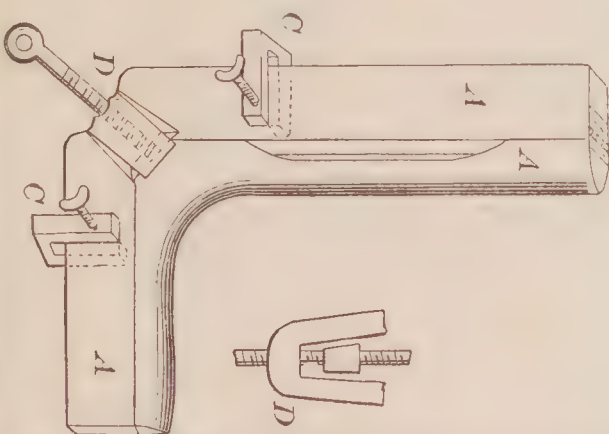
79355—D. P. Jordan—Letter Box.



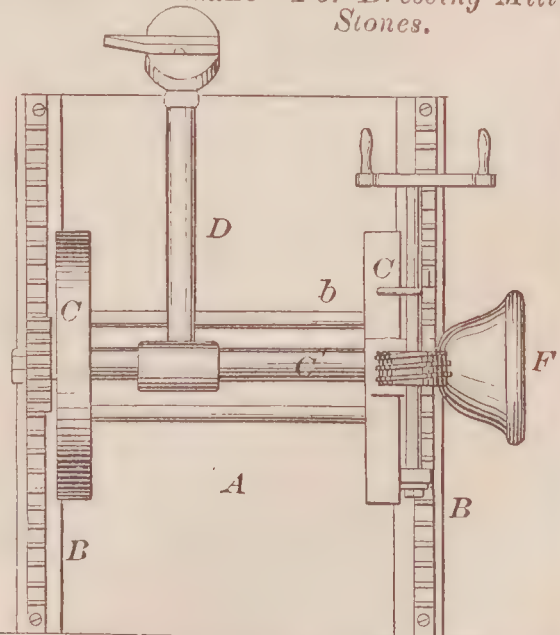
79356—J. B. Jordan—Cleaning and Boring Device.



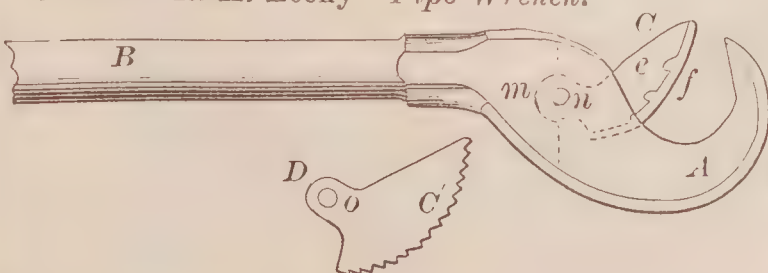
79357—Kathan & Rummer—Boot Crimp.



79359—A. Lane—For Dressing Mill Stones.

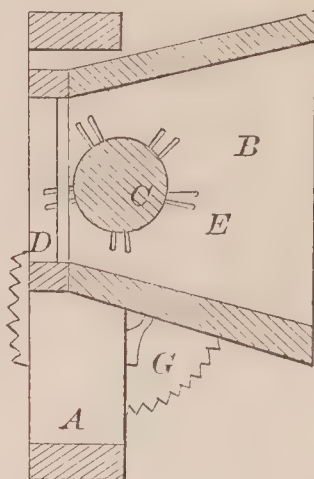
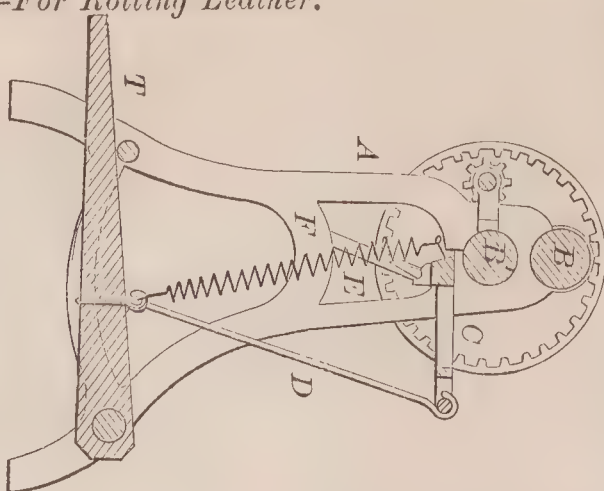
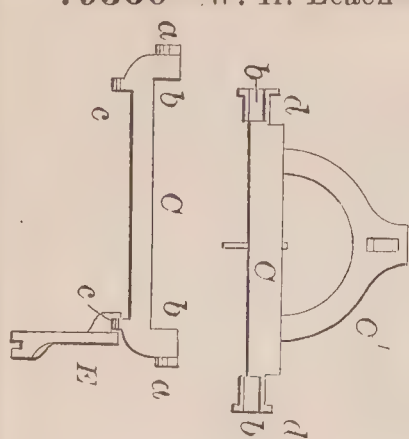


79361—R. H. Lecky—Pipe Wrench.

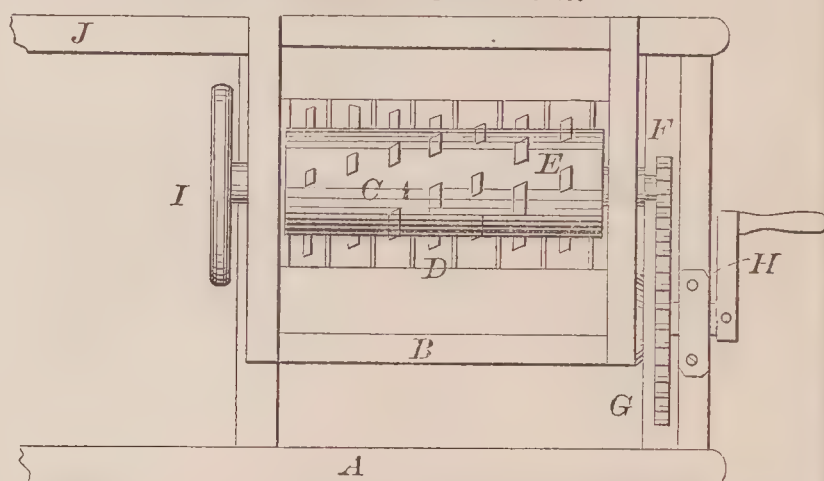




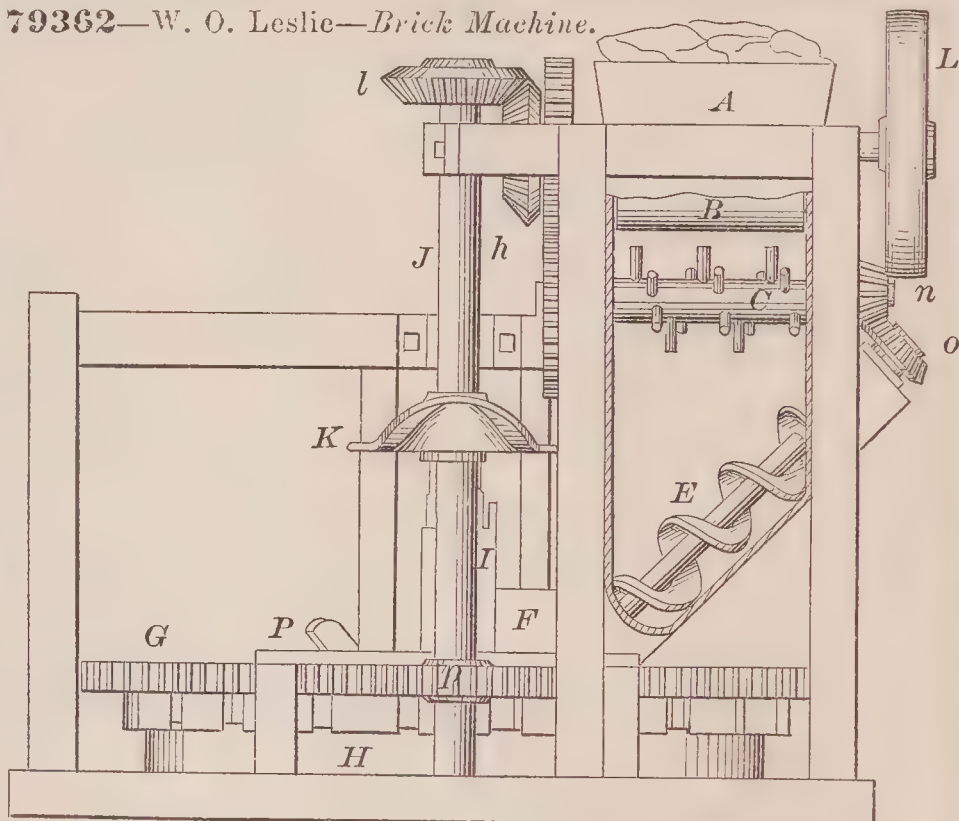
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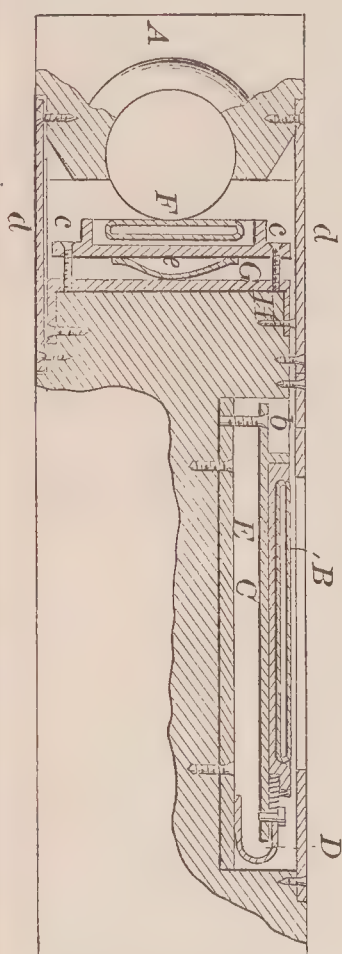
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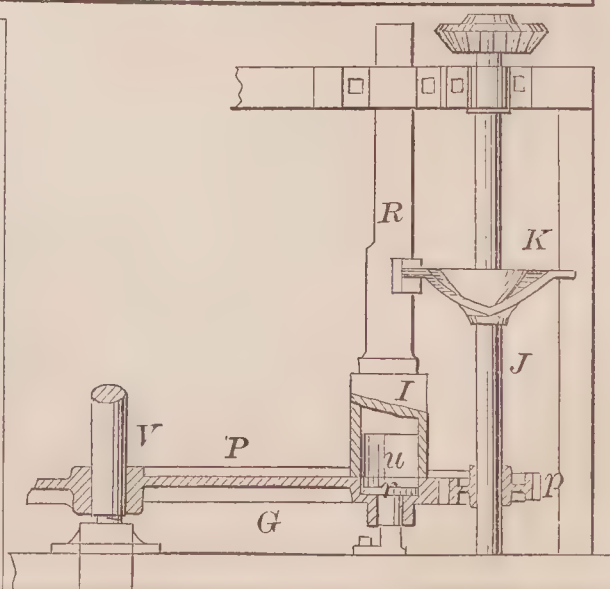
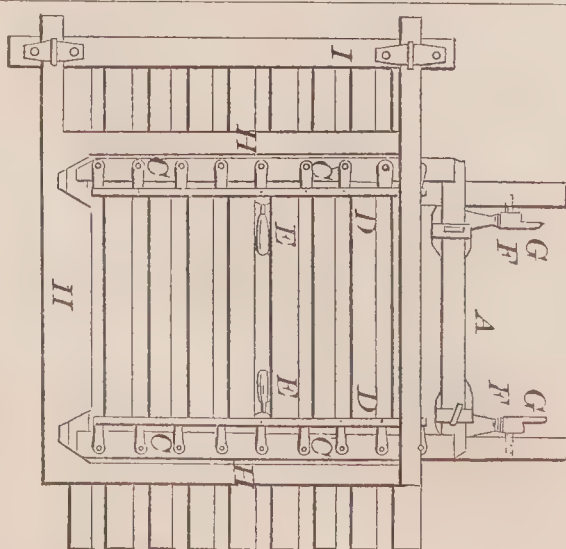
79362—W. O. Leslie—*Brick Machine.*



79363—II. Lewis—*Spirit Level.*

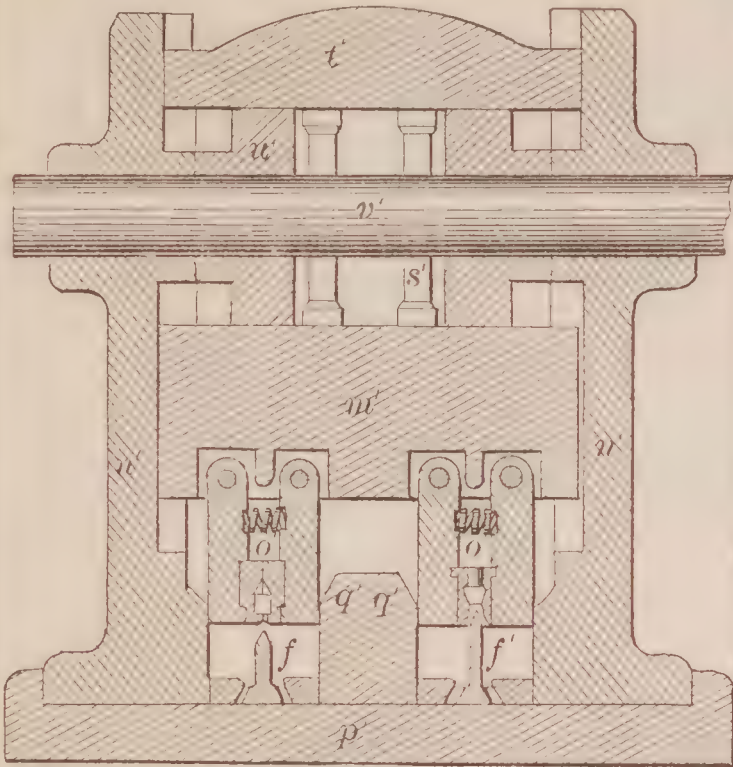


79366—O. C. Macklett—  
*Lathing Machine.*

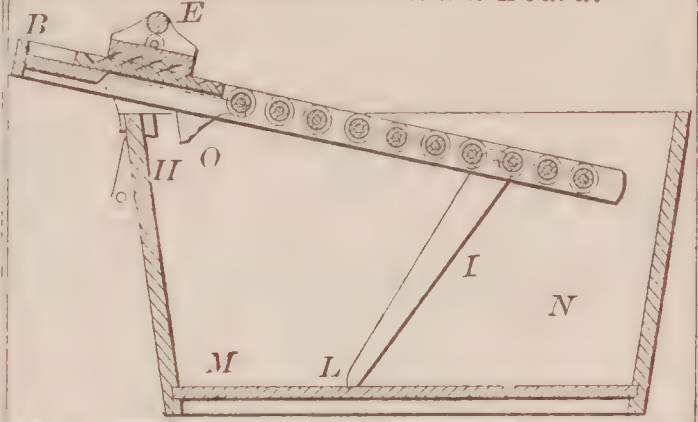




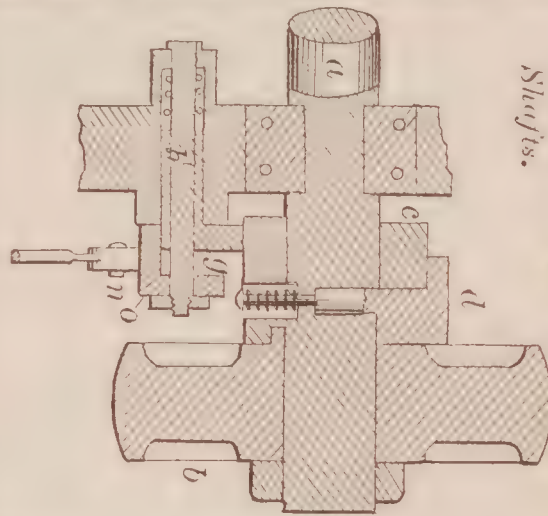
79364—H. L. Lowman—*For Forming Eyes  
of Pickaxes.*



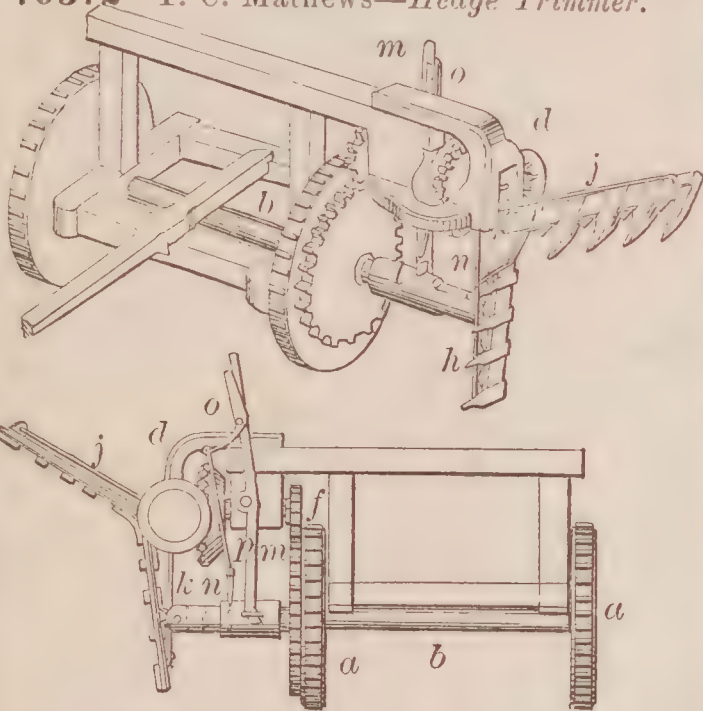
79367—R. M. Mansur—*Wash Board.*



**79368—E. J. Manville—**  
*Stop Motion for Reeling*  
*Shutts.*



79372—T. C. Mathews—*Hedge Trimmer.*



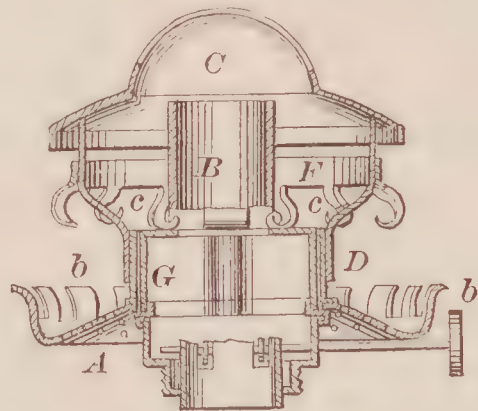
79371—W. C. Mason—*Cutlery.*



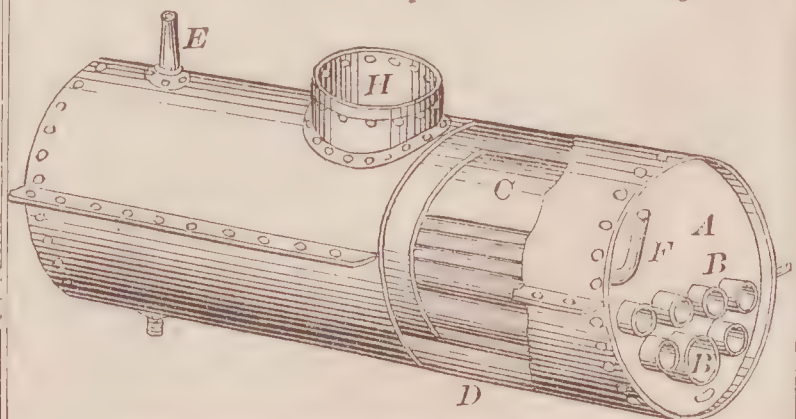
79370—S. Mason—*Cutlery.*



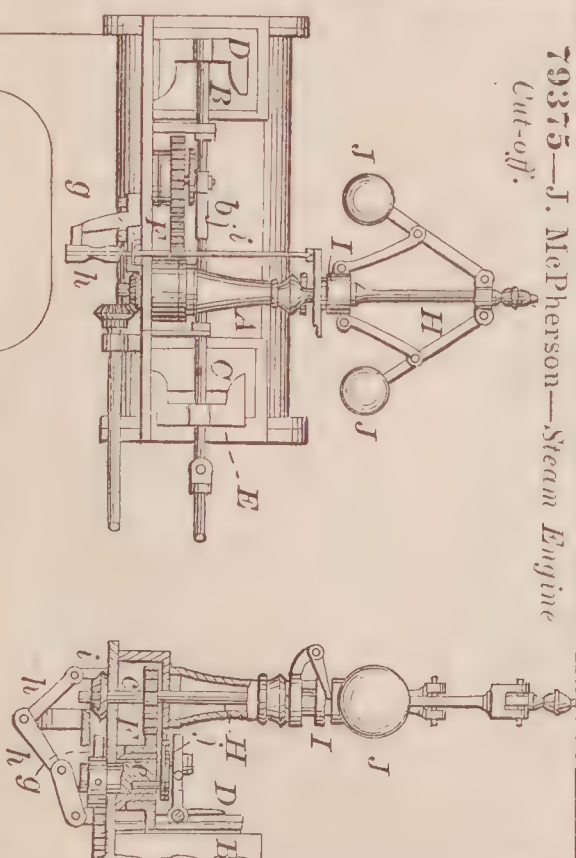
79369—G. A. Mason—*Lamp Burner.*



79373—J. G. & B. F. Mattingly—*Whisky Still.*

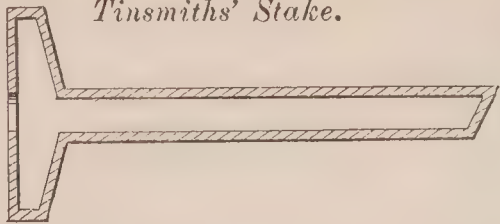


79375—J. McPherson—Steam Engine  
Cut-off.

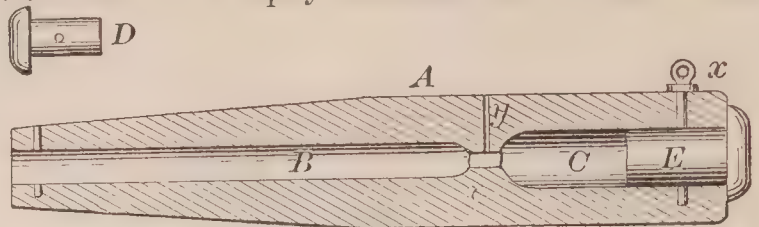




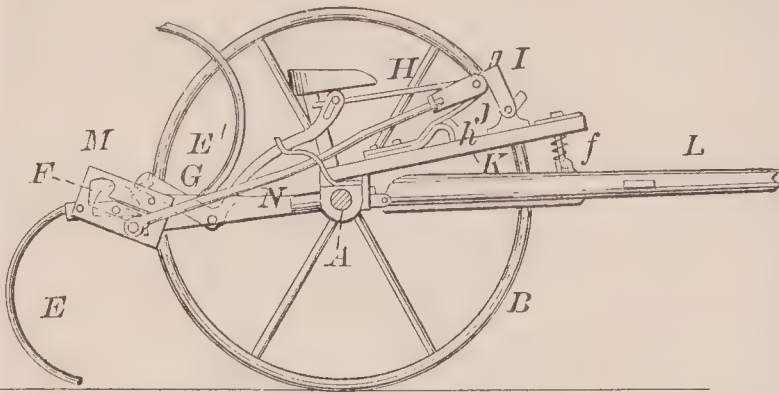
**79376**—E. H. Meigs—*Tinsmiths' Stake.*



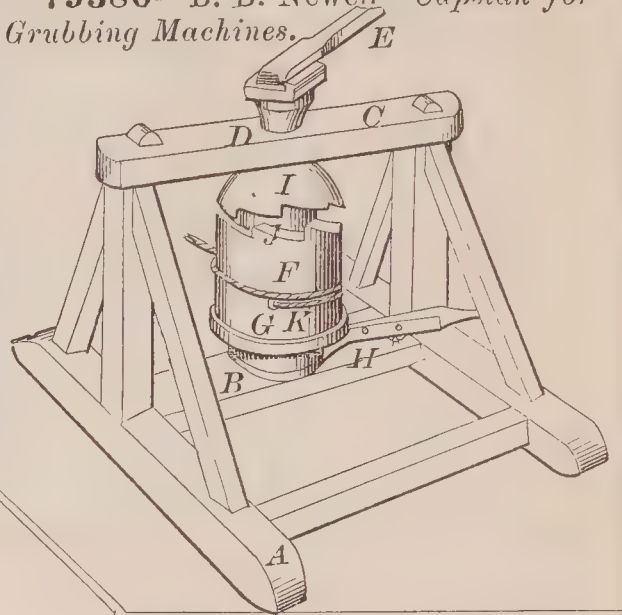
**79377**—J. D. Murphy—*Reversible Ordnance.*



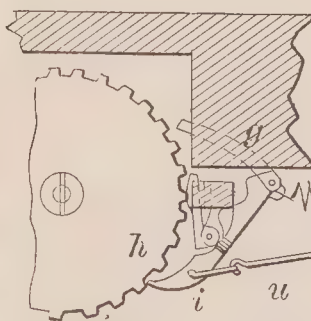
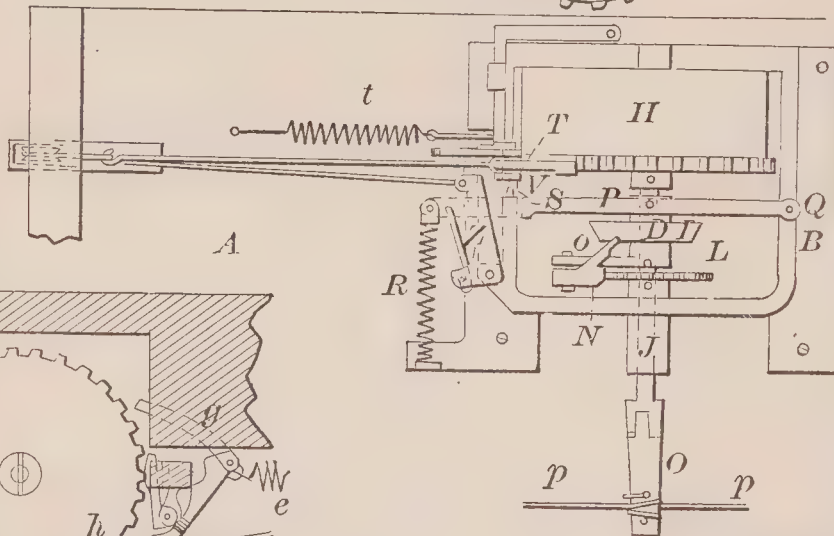
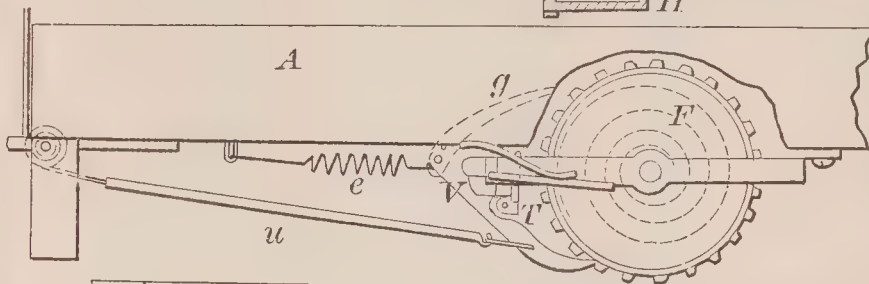
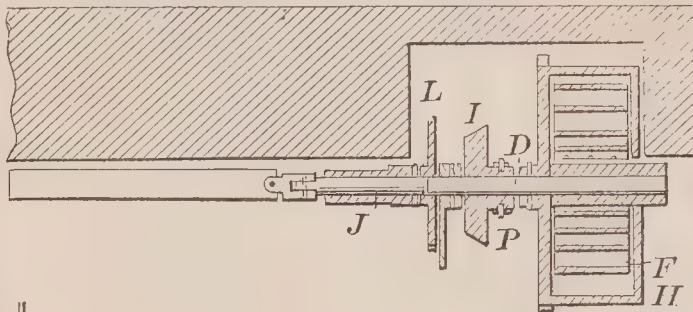
**79378**—C. E. Murray—*Horse Rake.*



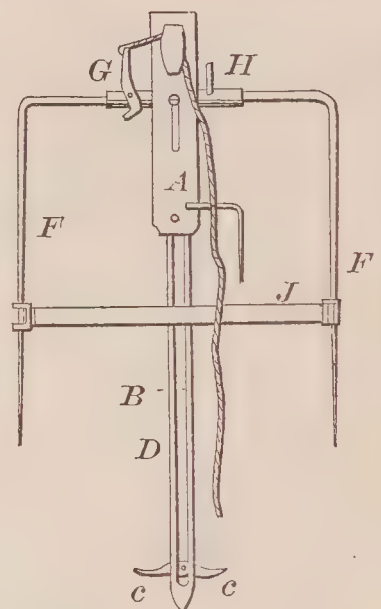
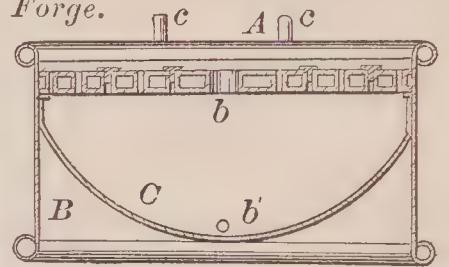
**79380**—B. B. Newell—*Capstan for Grubbing Machines.*



**79379**—D. Myers—*Car Brake.*

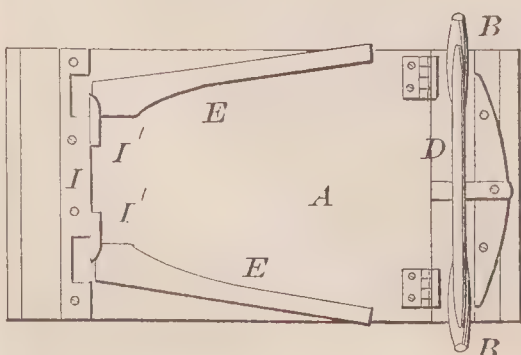


**79382**—J. Nixon—*Flanging Forge.*

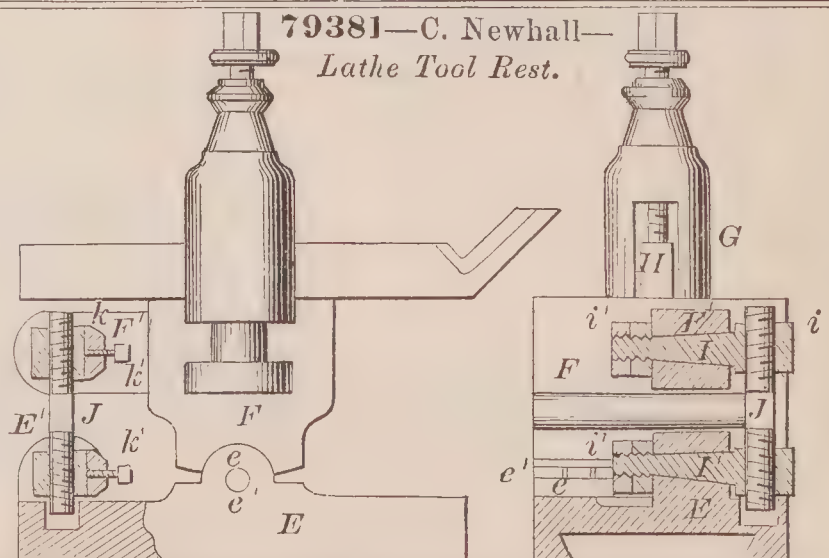


**79384**—S. Page—*Horse Hay Fork.*

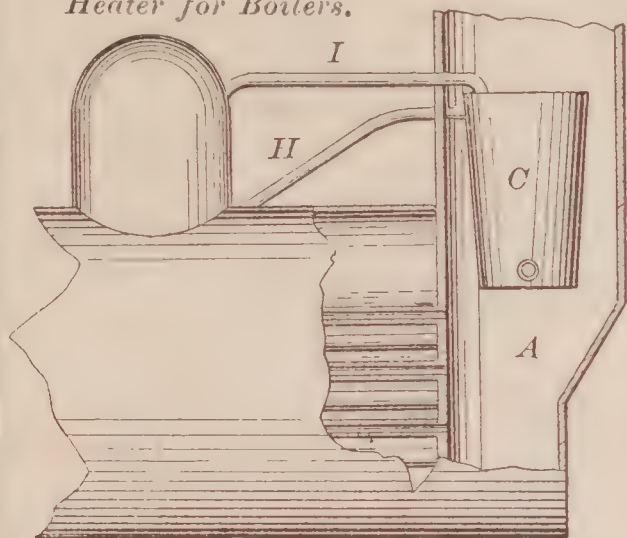
**79383**—E. Page—*Sheep Table, &c.*



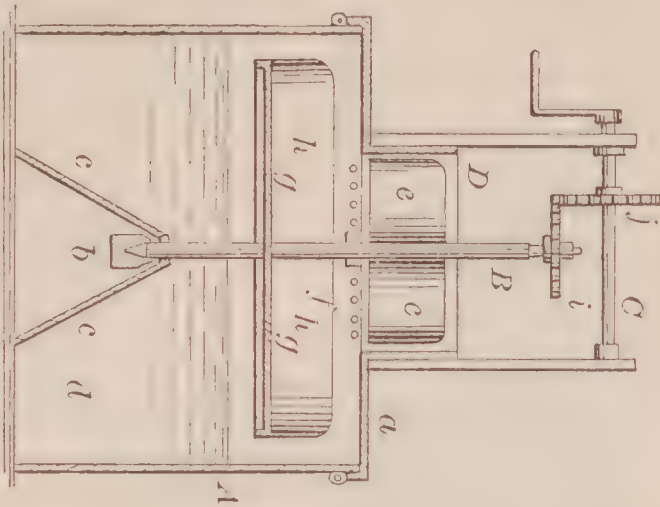
**79381**—C. Newhall—*Lathe Tool Rest.*



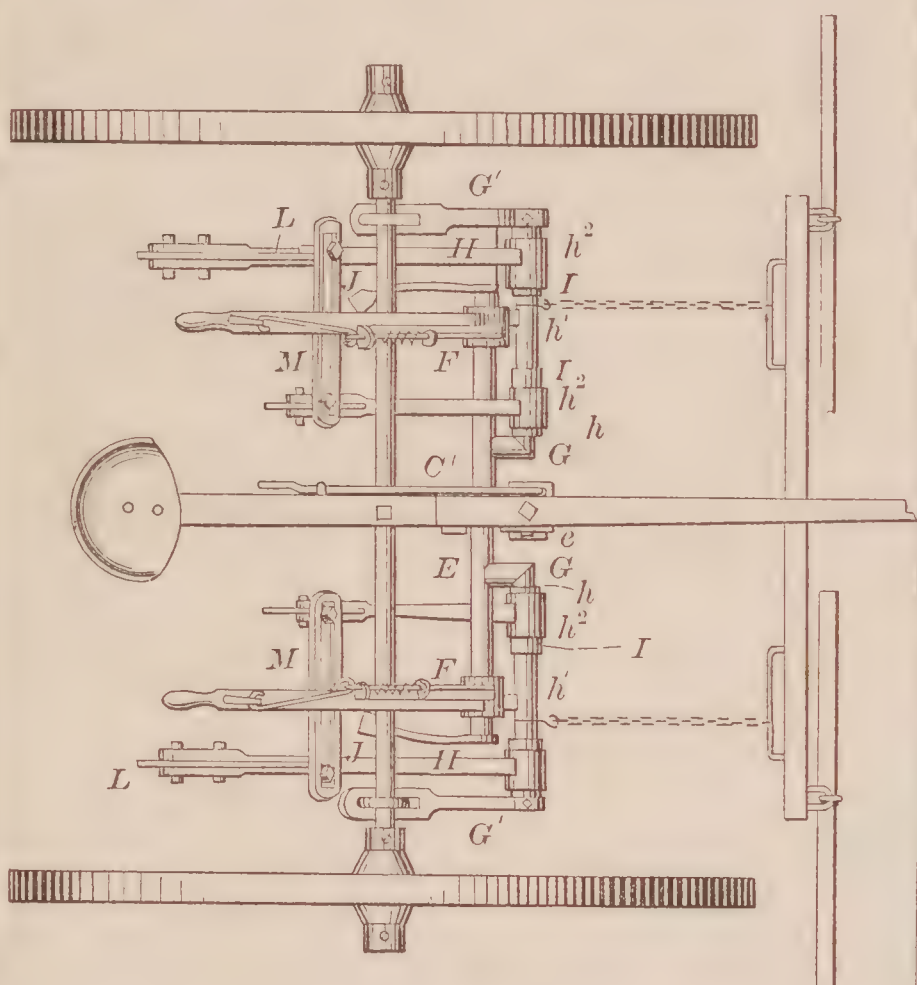
79385—H. O. Perry—*Feed Water Heater for Boilers.*



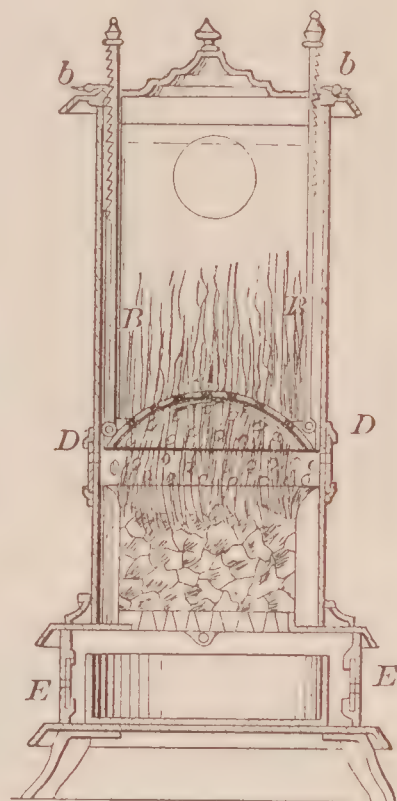
79386—J. B. Peterson—*For Mixing Flour, &c.*



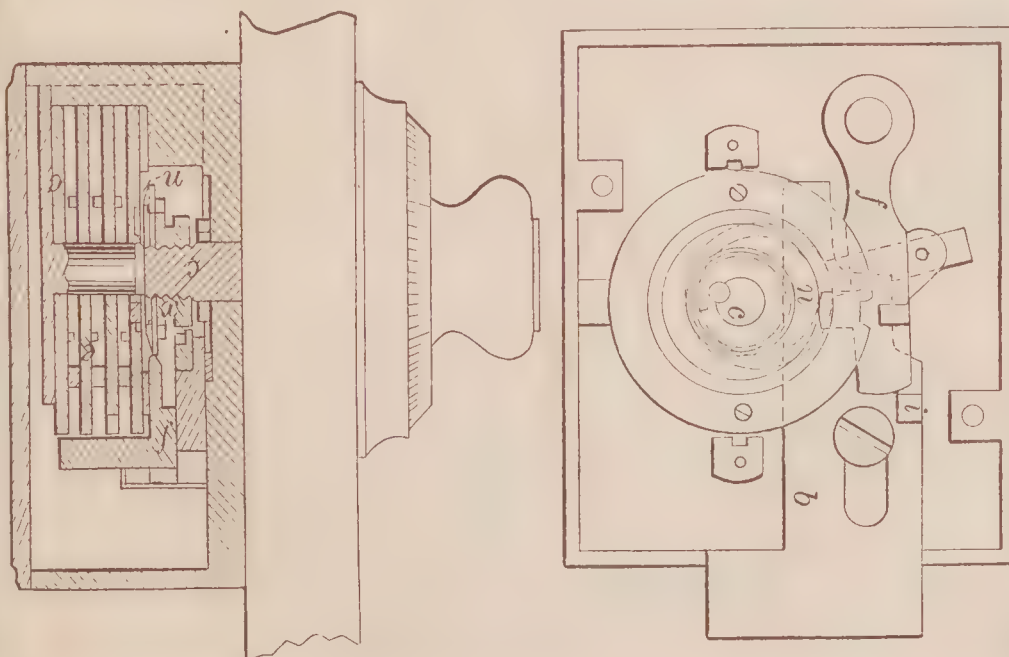
79387—E. Phifer—*Cultivator.*



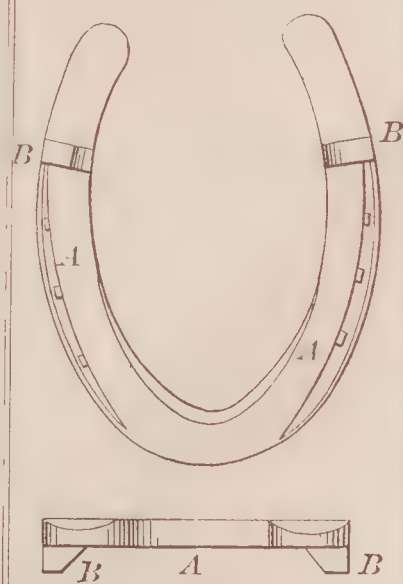
79390—A. C. Rand—*Stove.*



79388—O. E. Pillard—*Permutation Lock.*

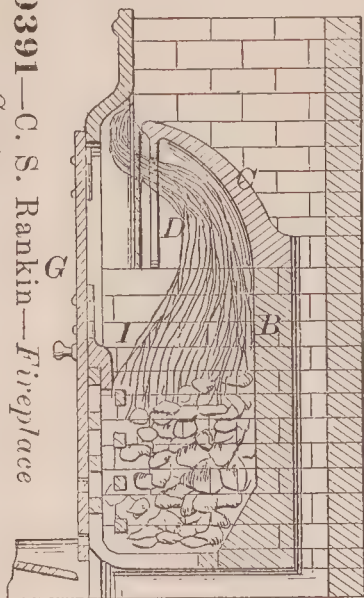


79389—Z. V. Purdy—*Horse Shoe.*

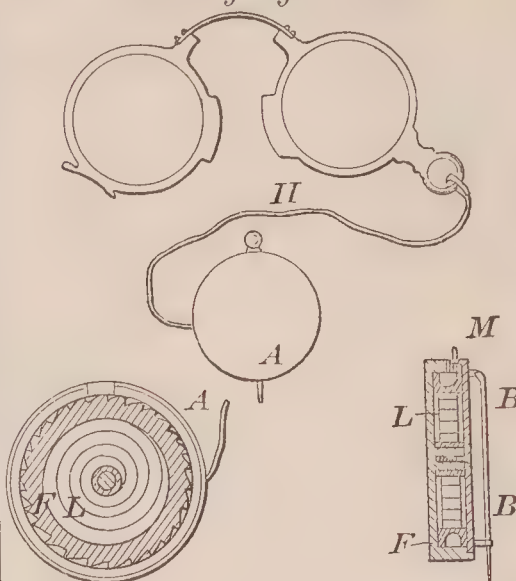




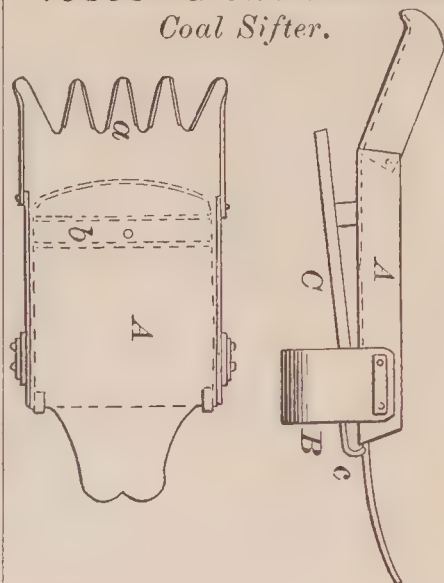
79391—C. S. Rankin—*Fireplace Grate.*



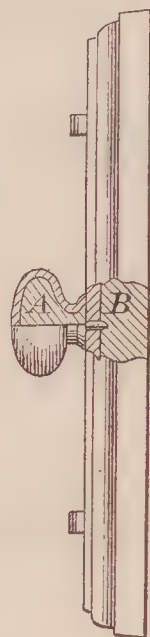
79394—A. W. Roberts—*For Securing Eye Glasses.*



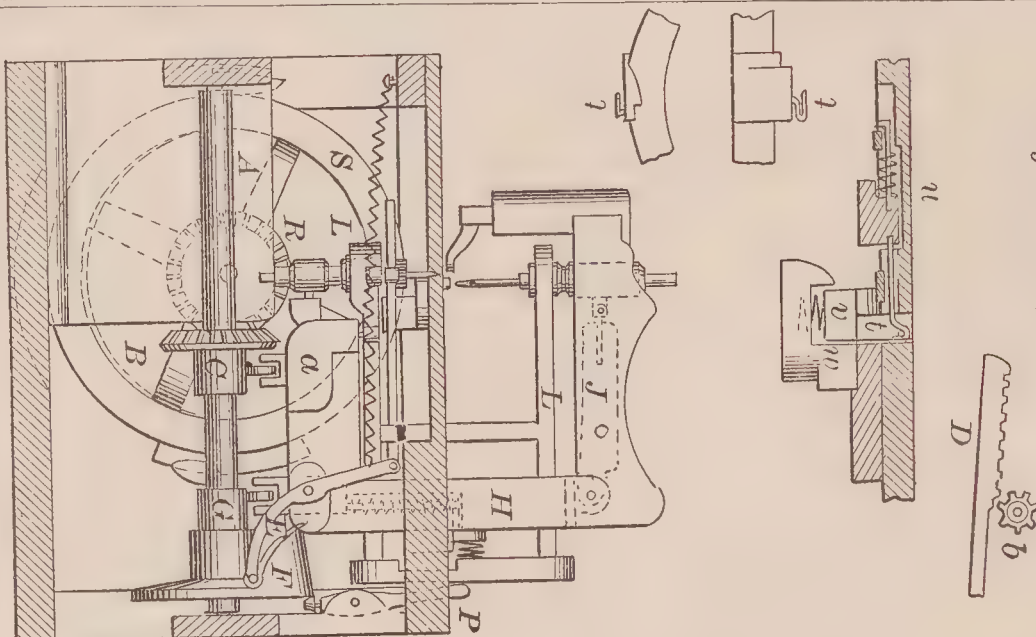
79398—G. H. Roth—*Hand Coal Sifter.*



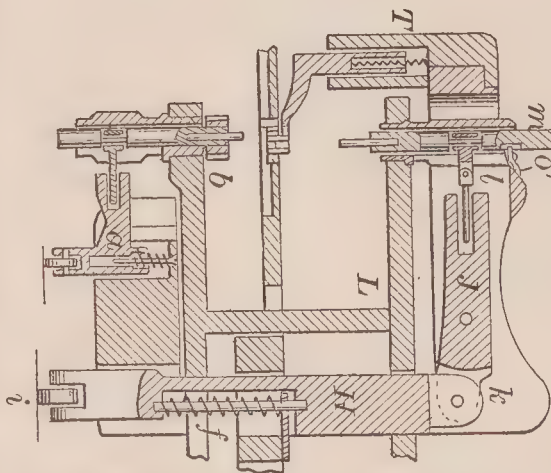
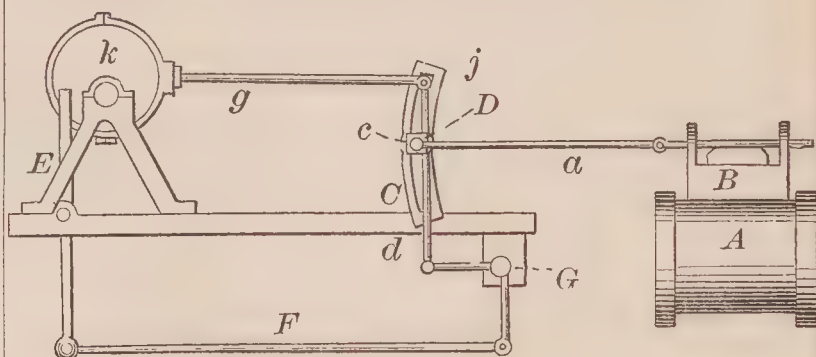
79392—W. Resor—*Stove Door*



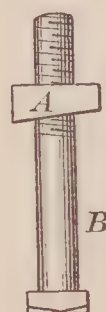
79393—H. E. Reynolds—*Button Hole, Sewing Machine.*



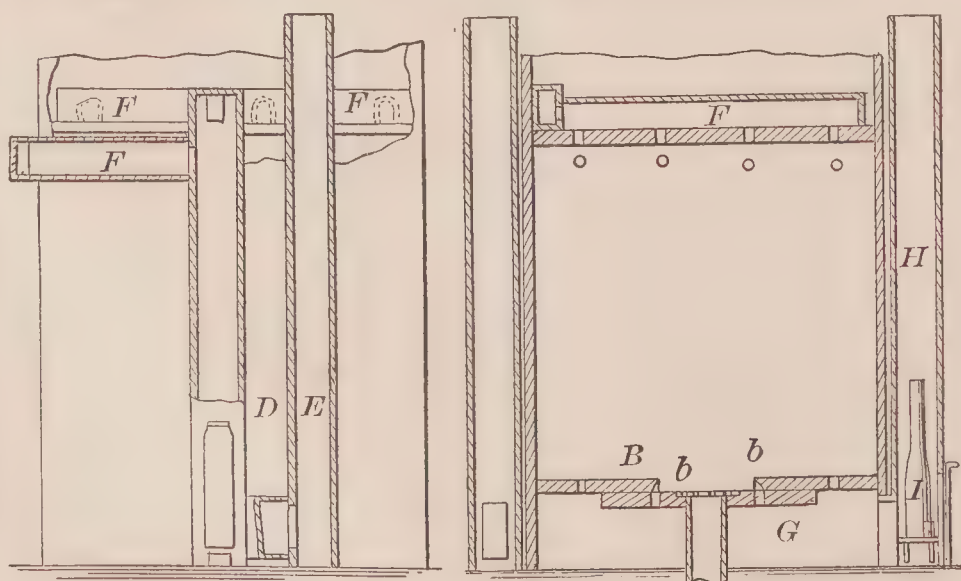
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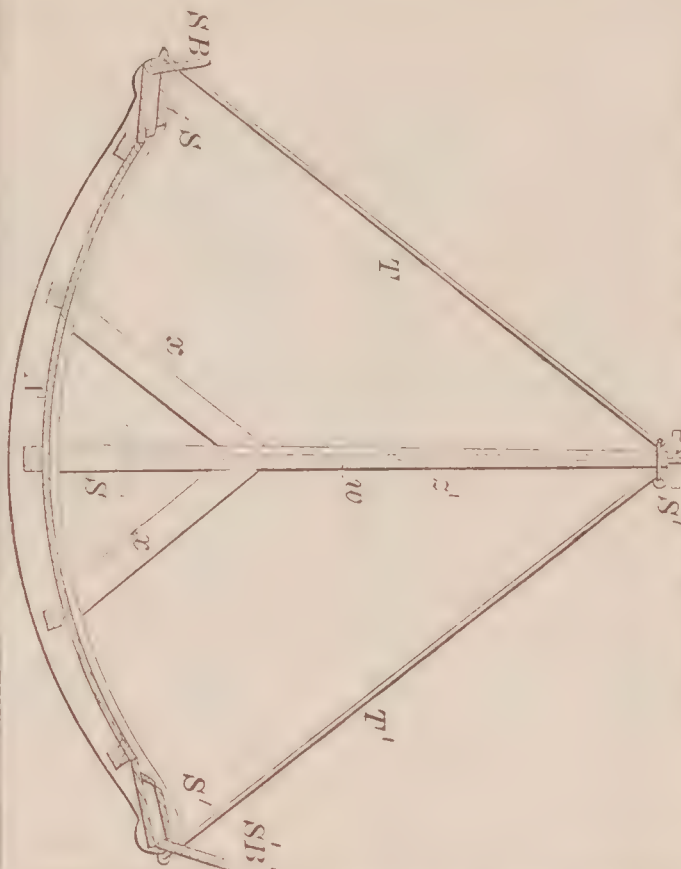
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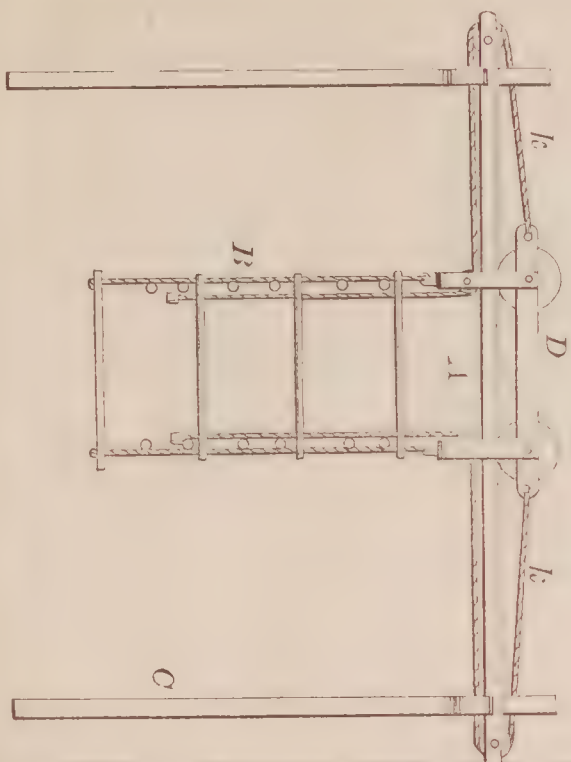
79395—E. L. Roberts—*Ventilator.*



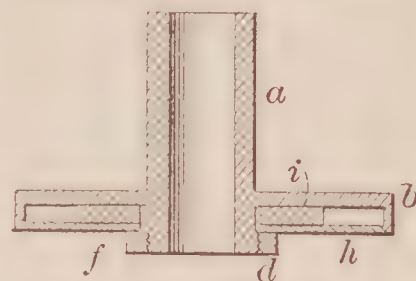
79101—T. H. B. Sanders—*Rocking Seing.*



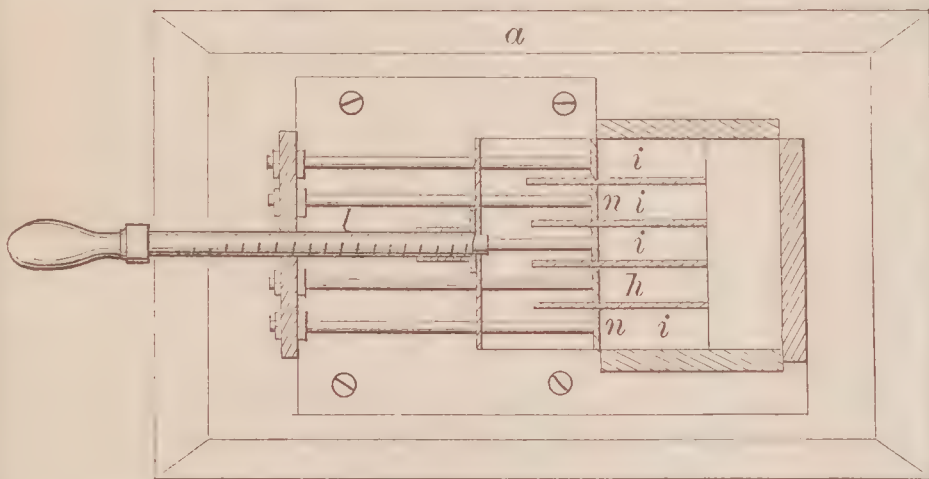
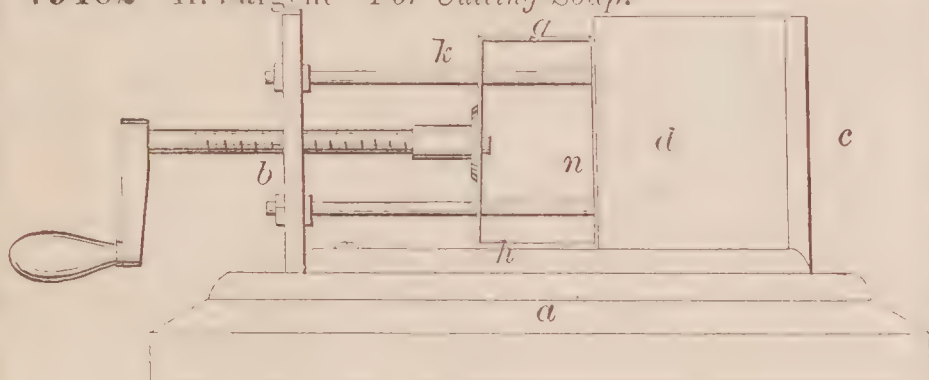
79399—R. Rowan—*Sciff-hil and Ladder.*



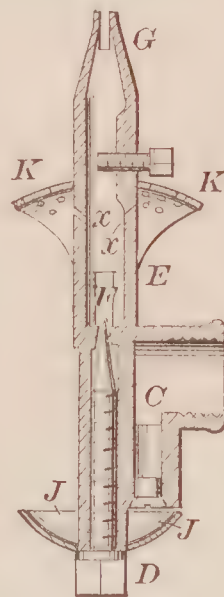
79105—A. W. Stephenson—*Balancing Polishing Wheels.*



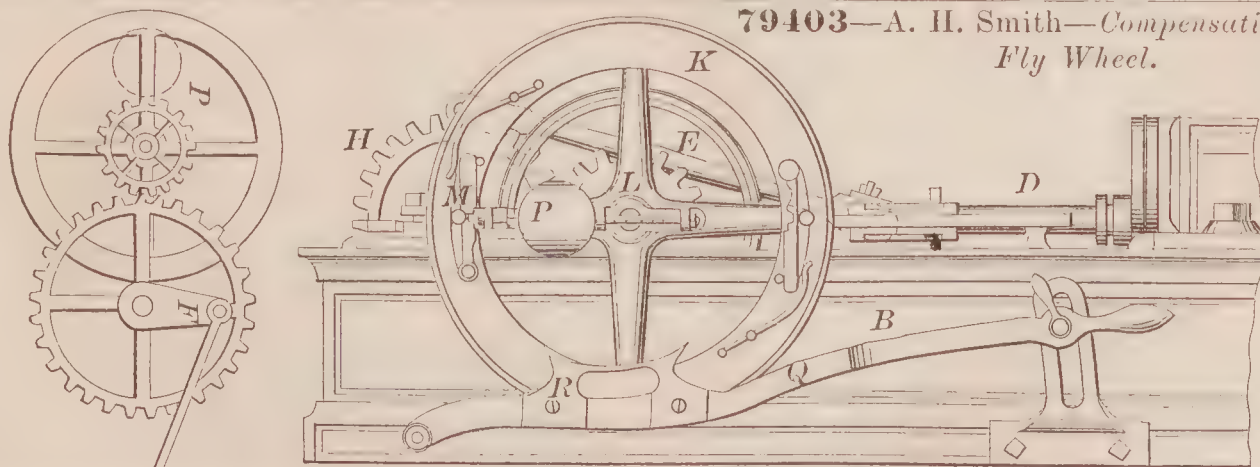
79402—H. Sargent—*For Cutting Soap.*



79104—W. H. Smith—*Vapor Burner.*

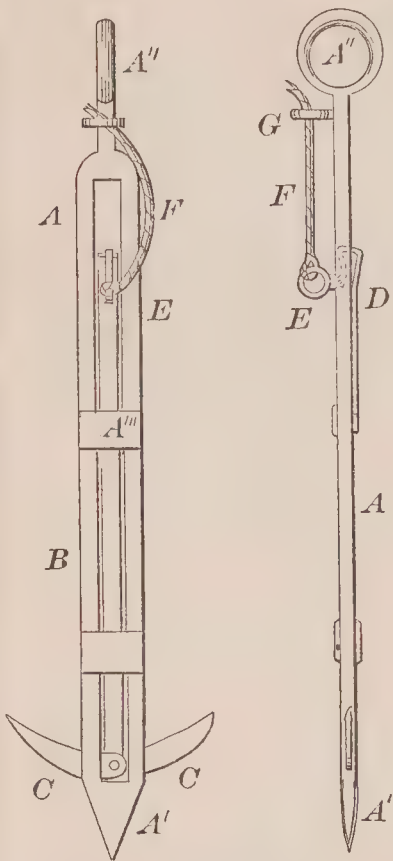


79403—A. H. Smith—*Compensating Fly Wheel.*

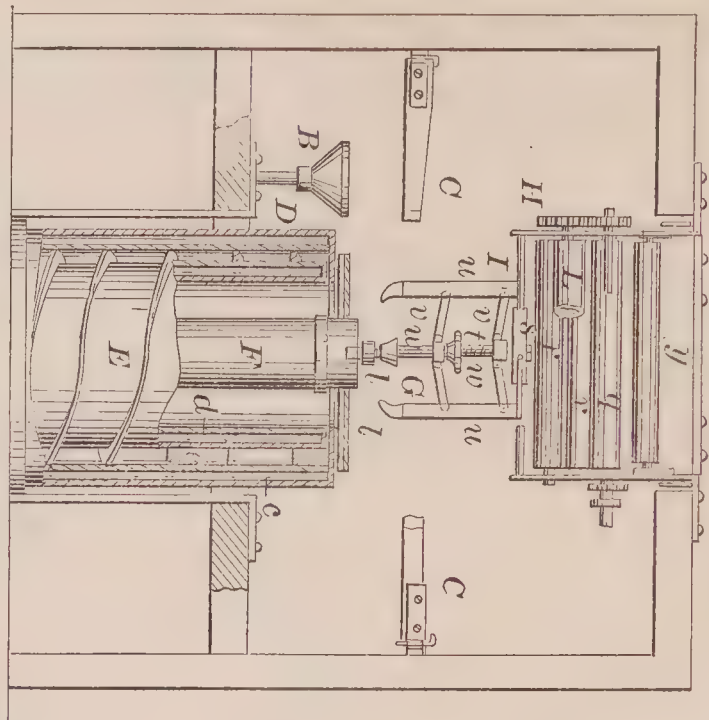




**79406**—Stevens & Patcher—*Horse Hay Fork.*



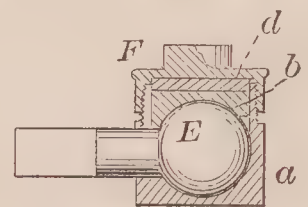
**79412**—O. C. Sweet—*For Drying Fabrics.*



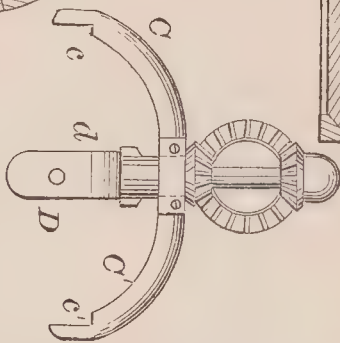
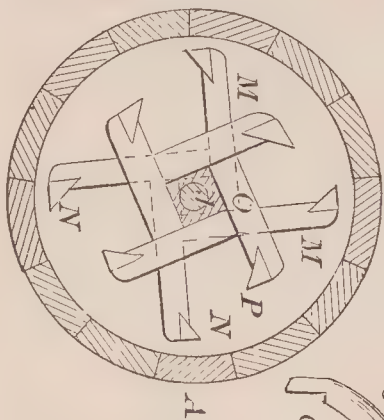
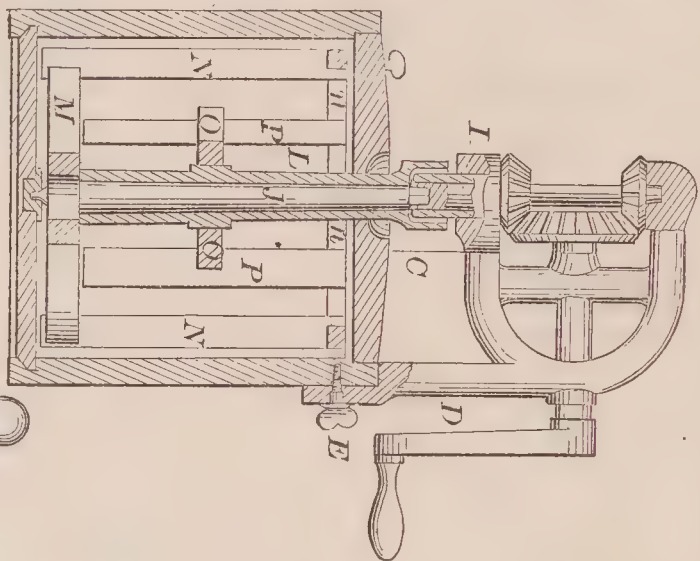
**79407**—A. A. Stimson—*Cask Bung.*



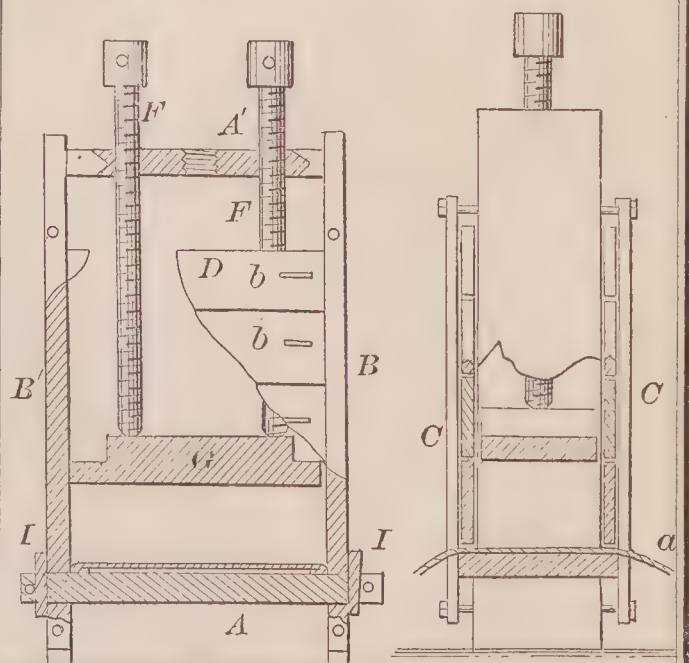
**79408**—M. W. St. John—*Ball and Socket Joint*



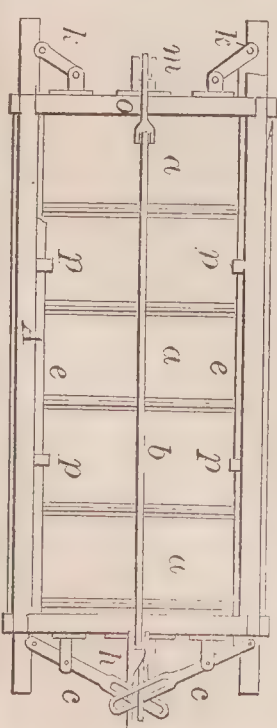
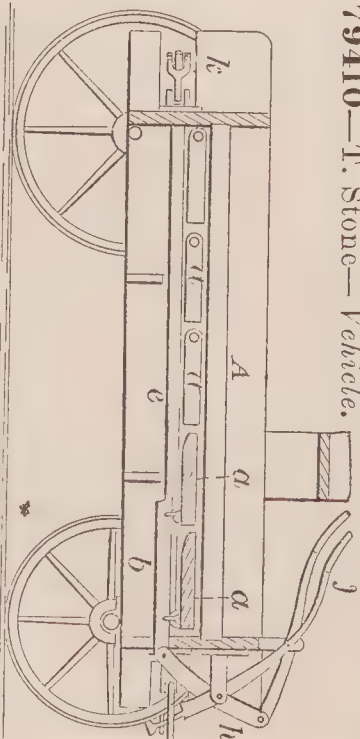
**79406**—S. S. Stokes—*Churn.*



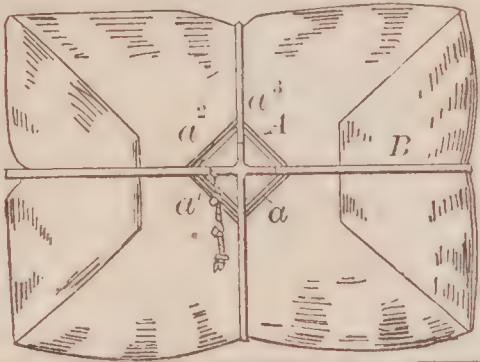
**79413**—H. Taylor—*Hop Press.*



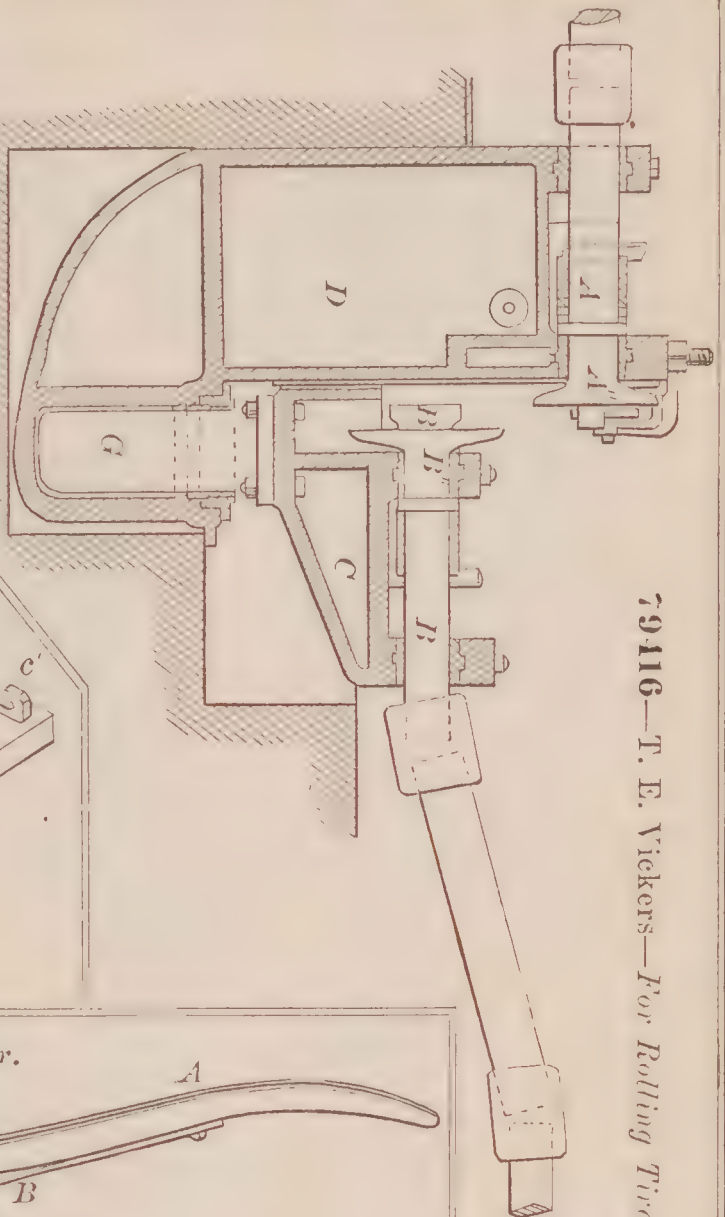
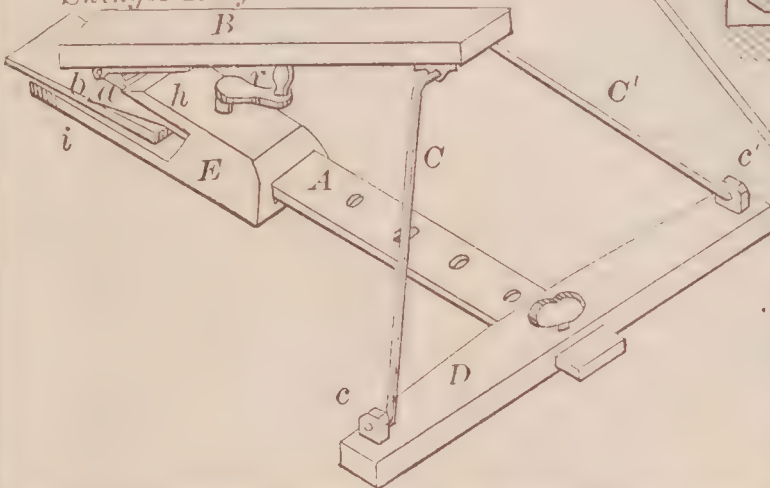
**79410**—T. Stone—*Vehicle.*



79414—E. Truslow—*Bag Tie.*

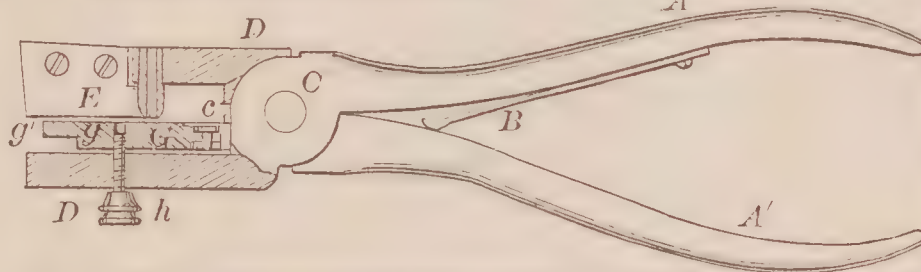


79415—P. B. Turner—*Bracket for Shingle Roofs.*

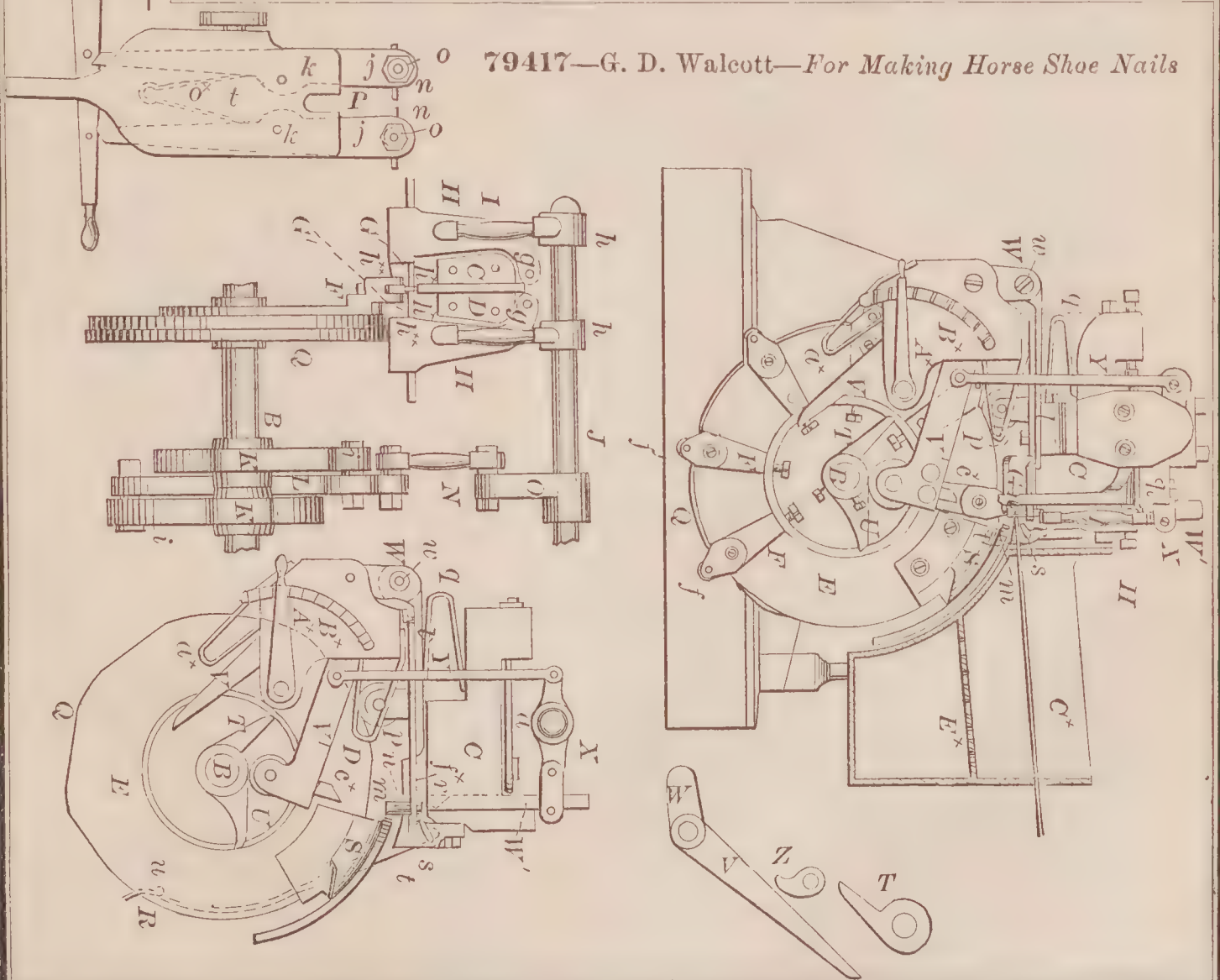


79416—T. E. Vickers—*For Rolling Tires.*

79418—F. H. Walker—*Button Hole Cutter.*

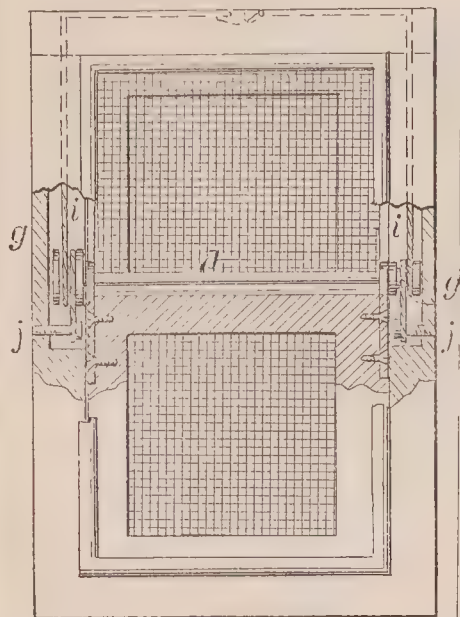


79417—G. D. Walcott—*For Making Horse Shoe Nails*

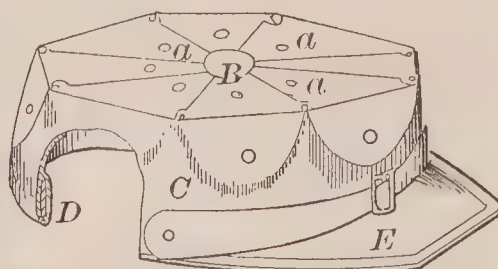




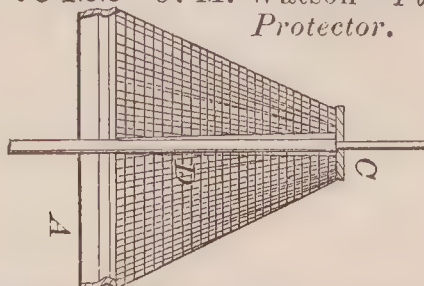
79419—C. T. Warren—  
*Mosquito Bar.*



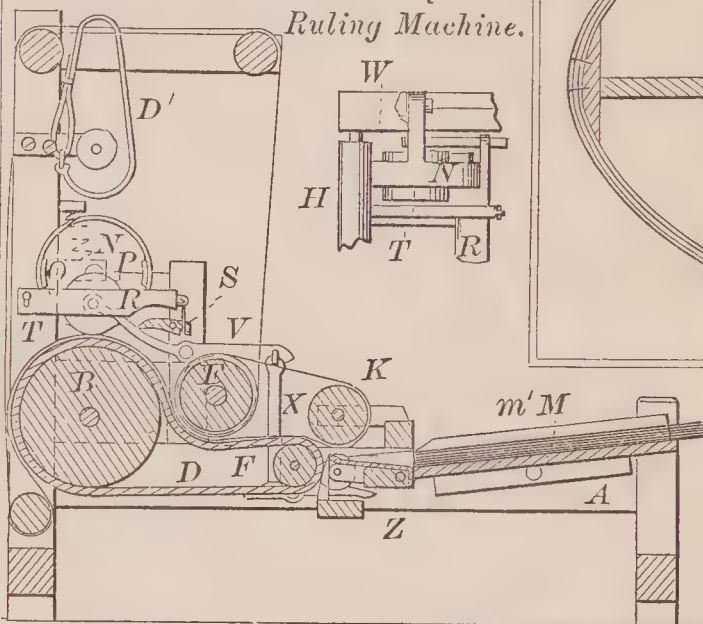
79420—Waterman & Perkins—  
*Paper Cap.*



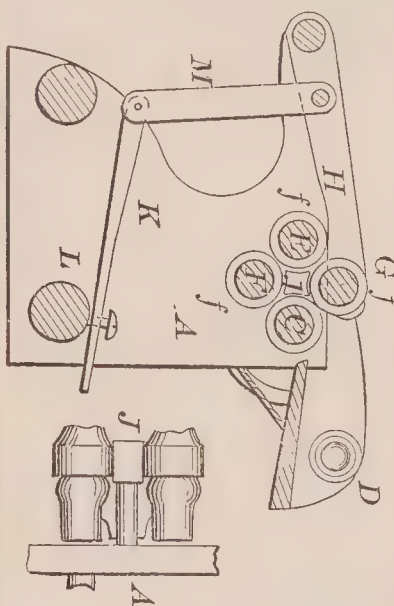
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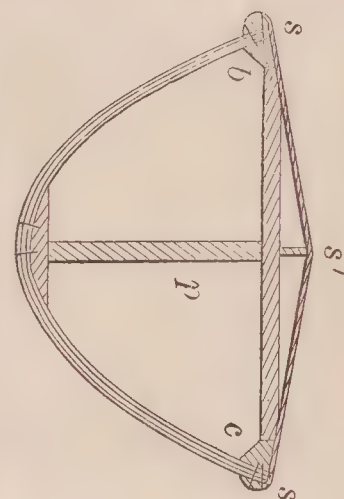
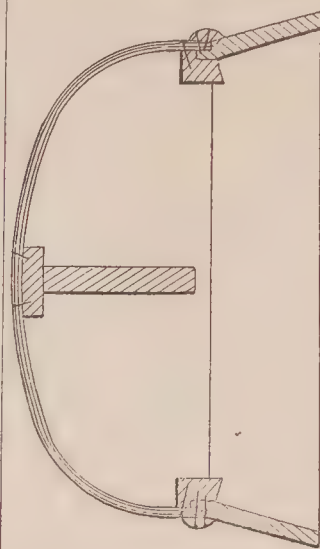
79424—W. S. Wilder—*Paper Ruling Machine.*



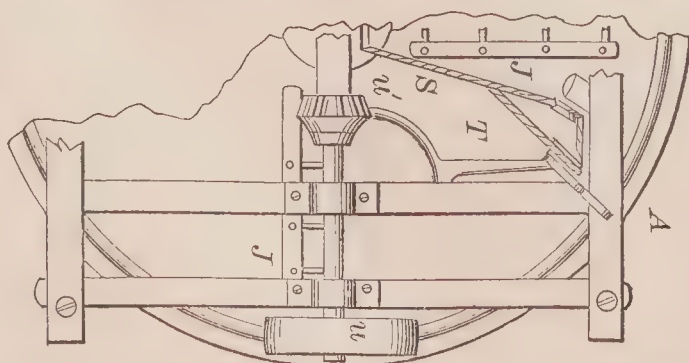
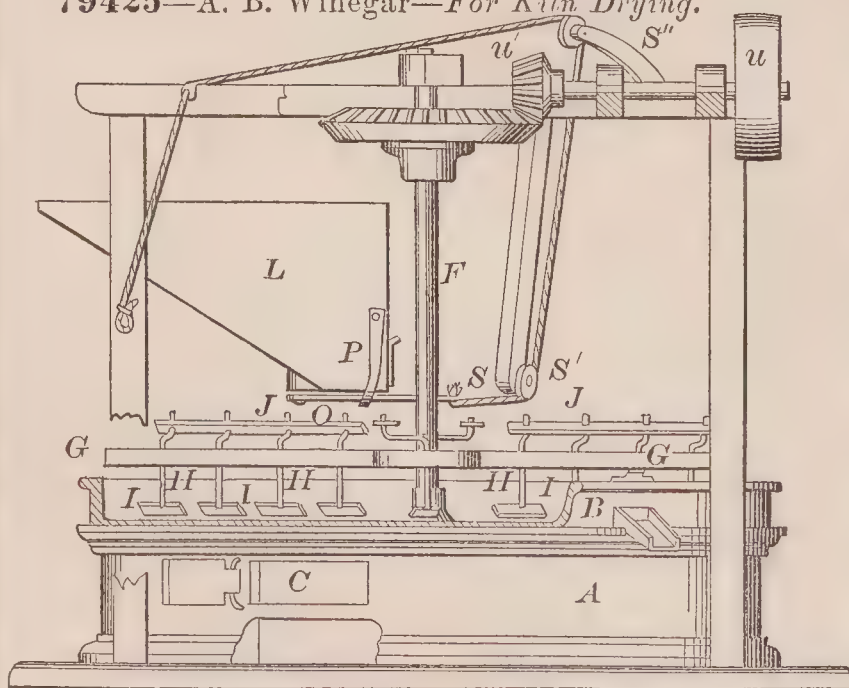
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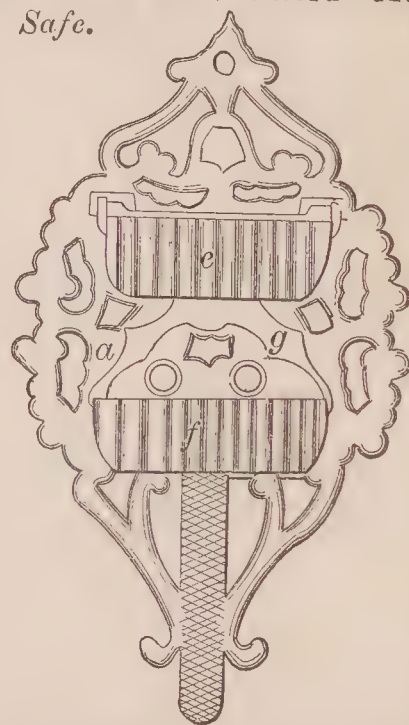
79421—E. & G. A. Waters—*Boat.*



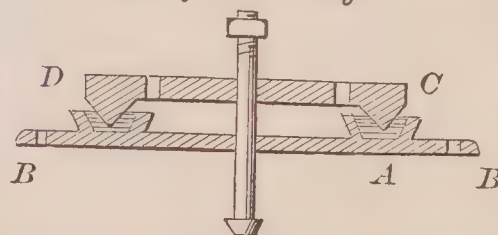
79425—A. B. Winegar—*For Kiln Drying.*



79426—H. M. Woodford—*Match Safe.*

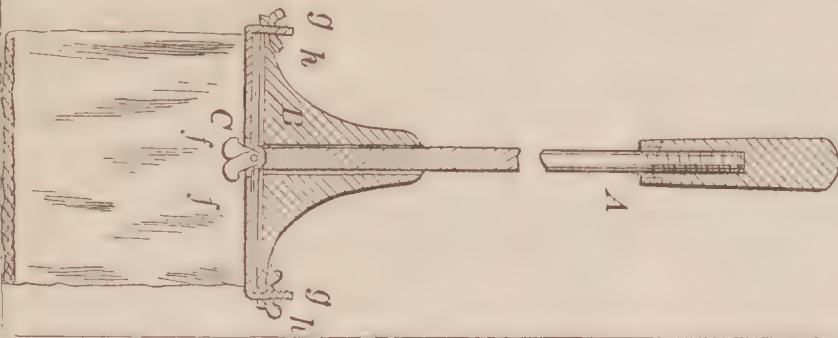


79429—E. H. Adams—*Fifth Wheel for Carriages.*

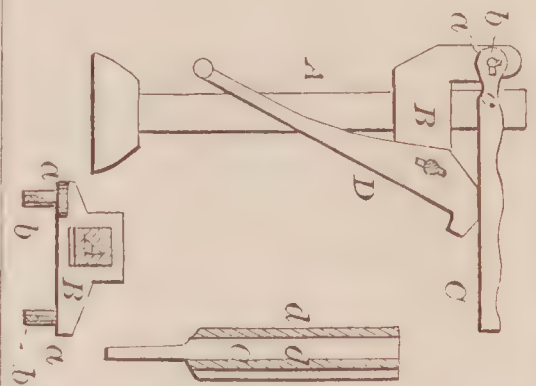




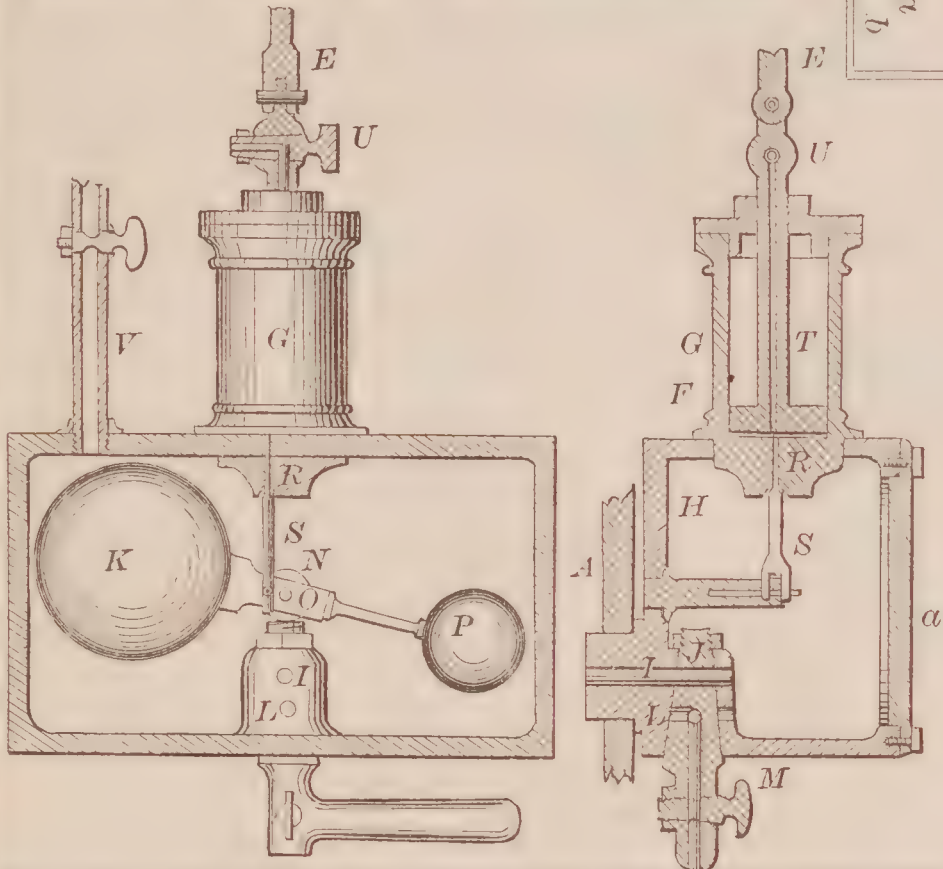
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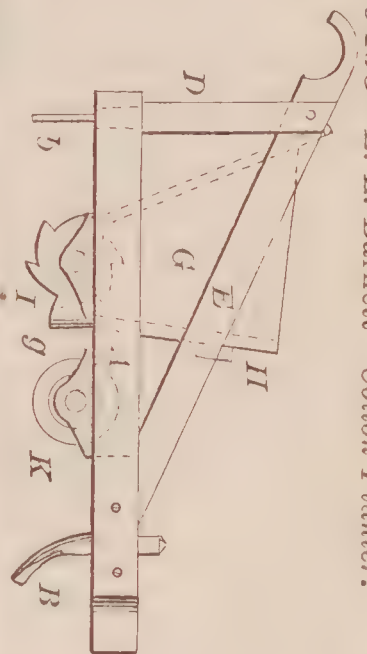
79430—F. Arnold—Wagon Jack.



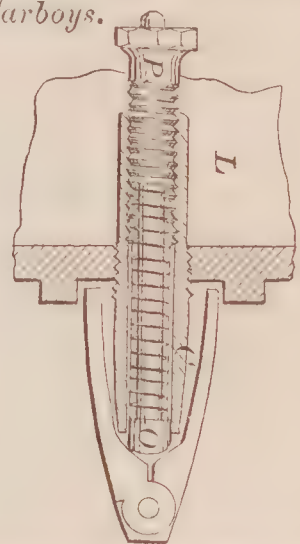
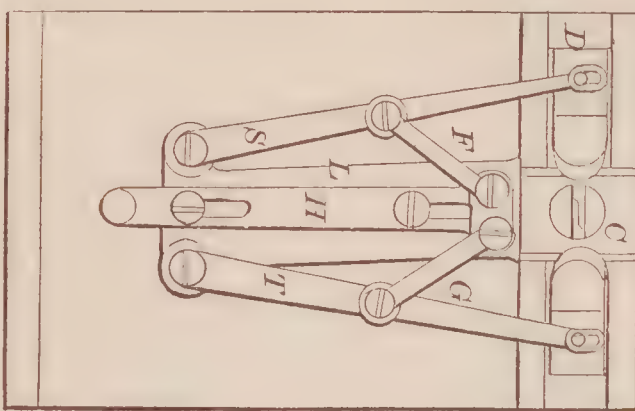
79431—J. Atkins—Low Water Alarm for Boilers.



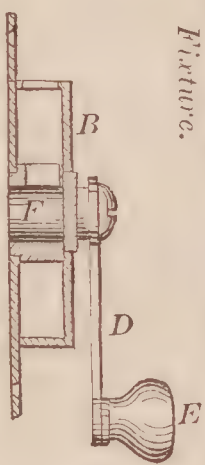
79433—E. L. Barnett—Cotton Planter.



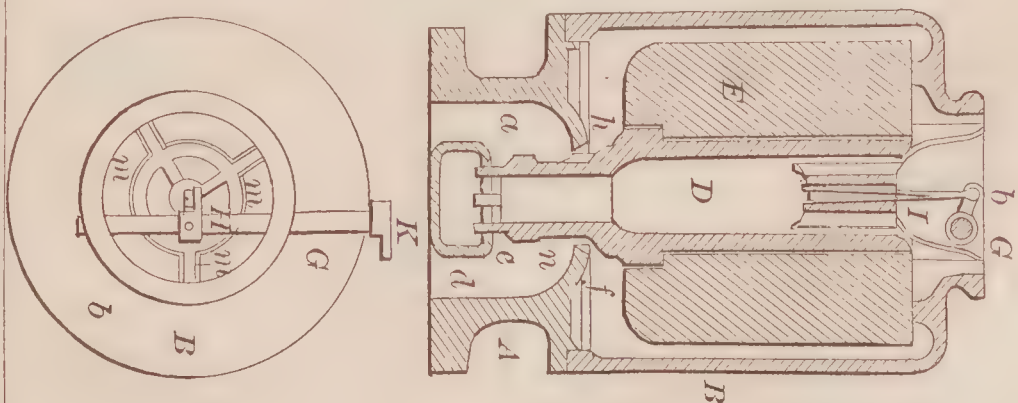
79434—T. Barrett—For Forming Rings on Carboys.



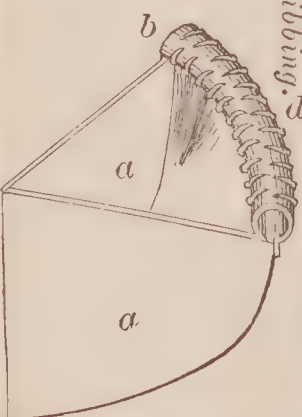
79435—G. F. Beardsley—Curtain  
Pivot.



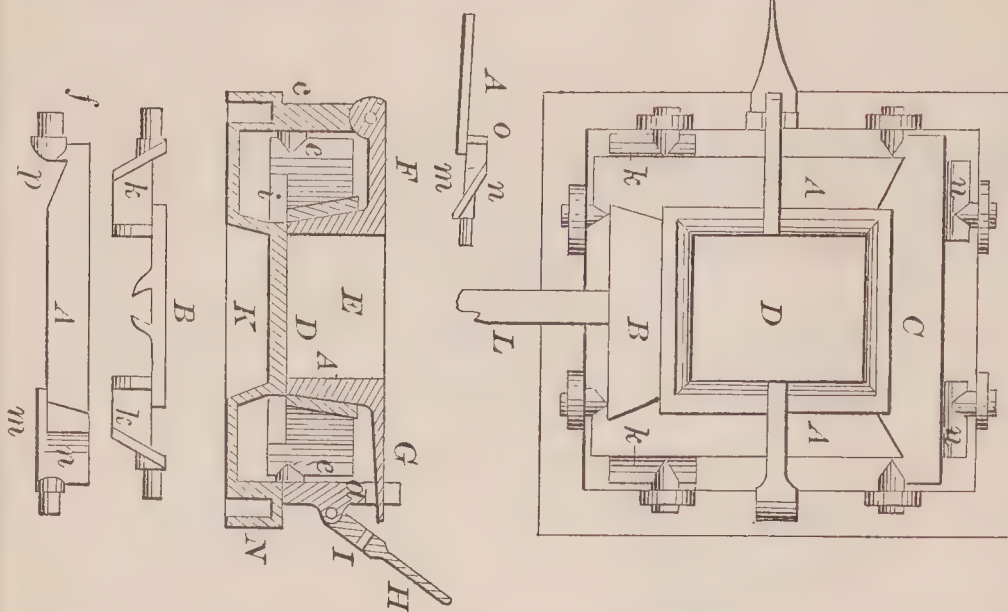
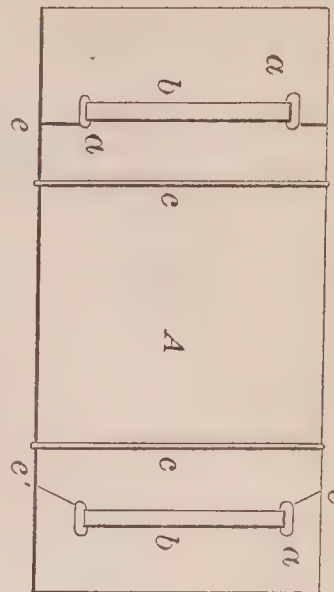
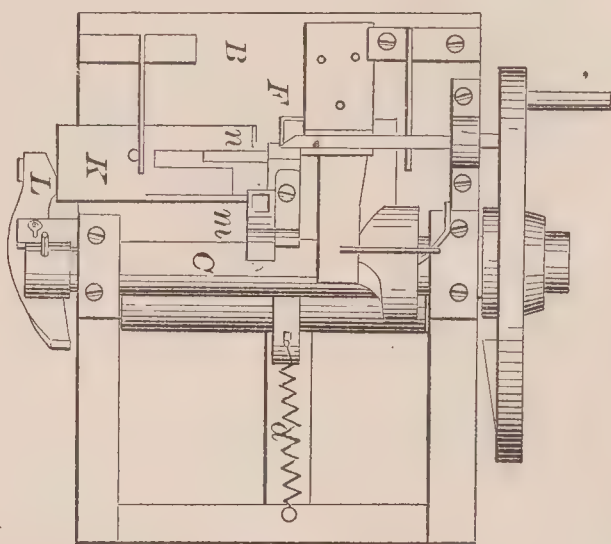
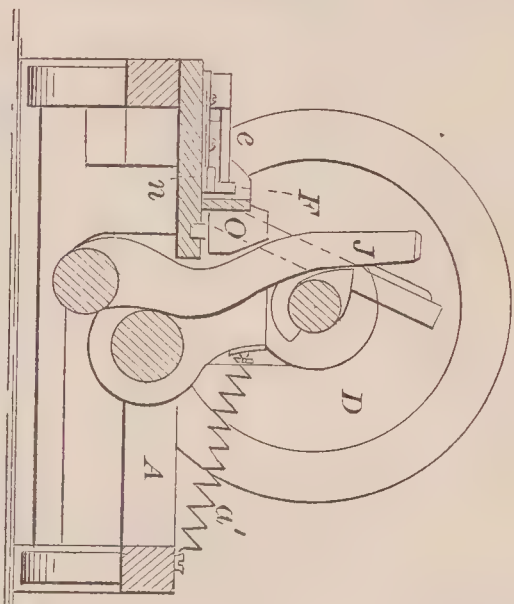
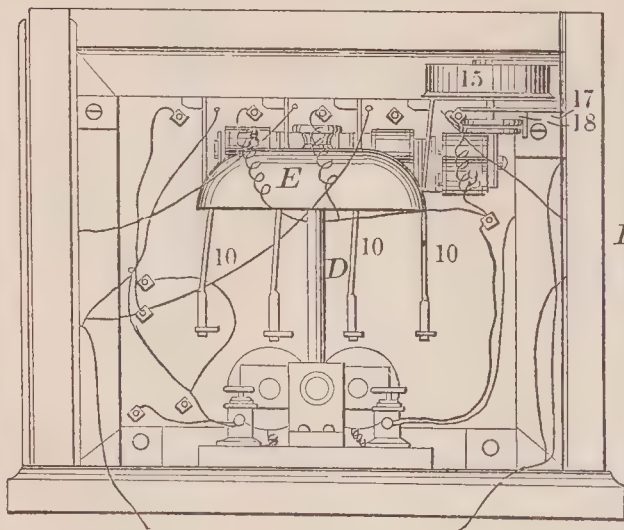
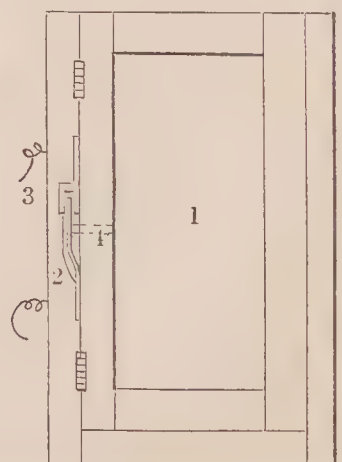
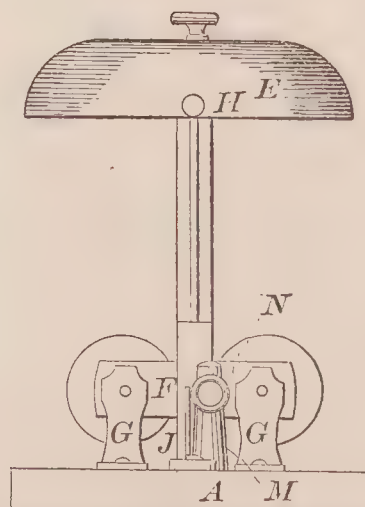
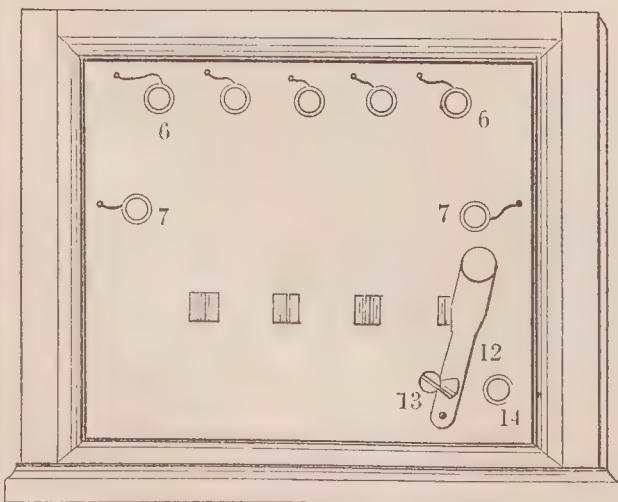
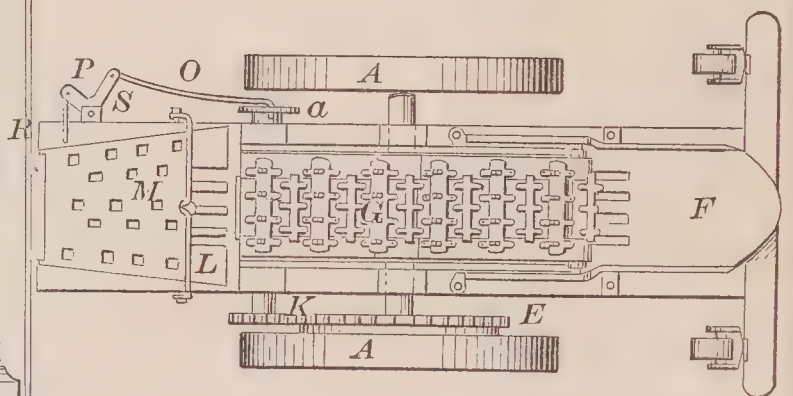
79436—W. H. Bechtel—Steam Safety Valve.



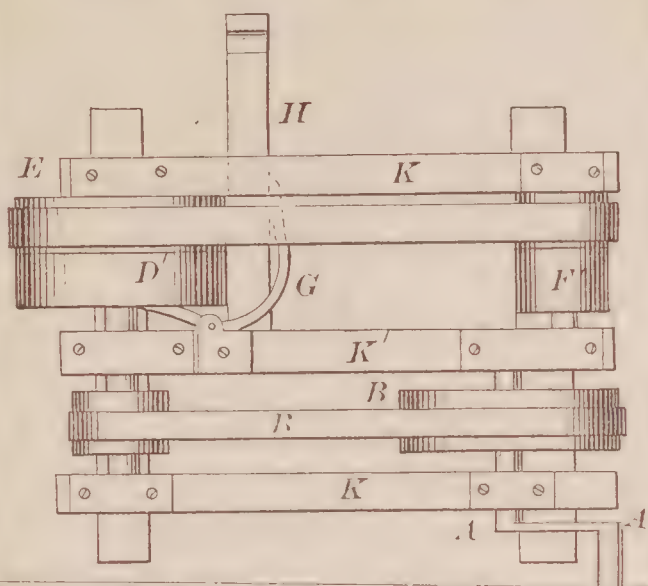
79437—S. S. Bent—To Prevent  
Horses Cribbing.



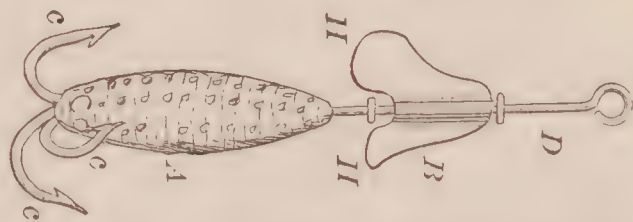


79438—M. L. Best—*For Forming Bread Pans.*79441—J. W. Boughton—*Paper File.*79442—Bryson & Potter—*Spike Machine.*79440—E. Blunt, Jr.—*Burglar and Fire Alarm.*79439—J. W. Blodgett—*Potato Digger.*

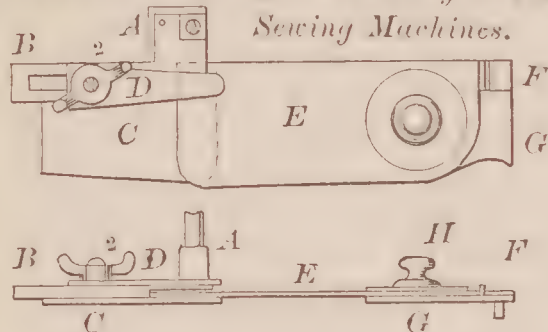
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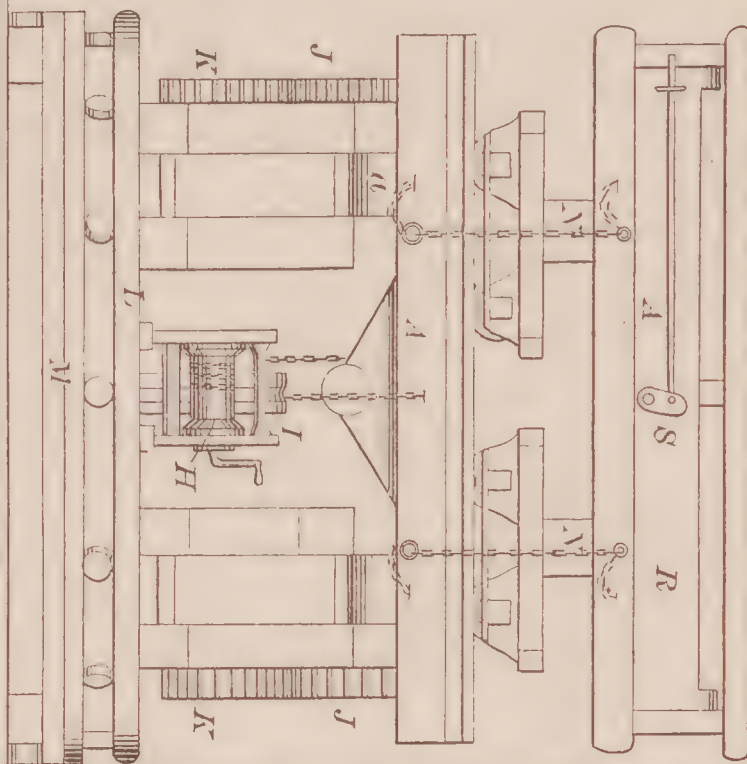
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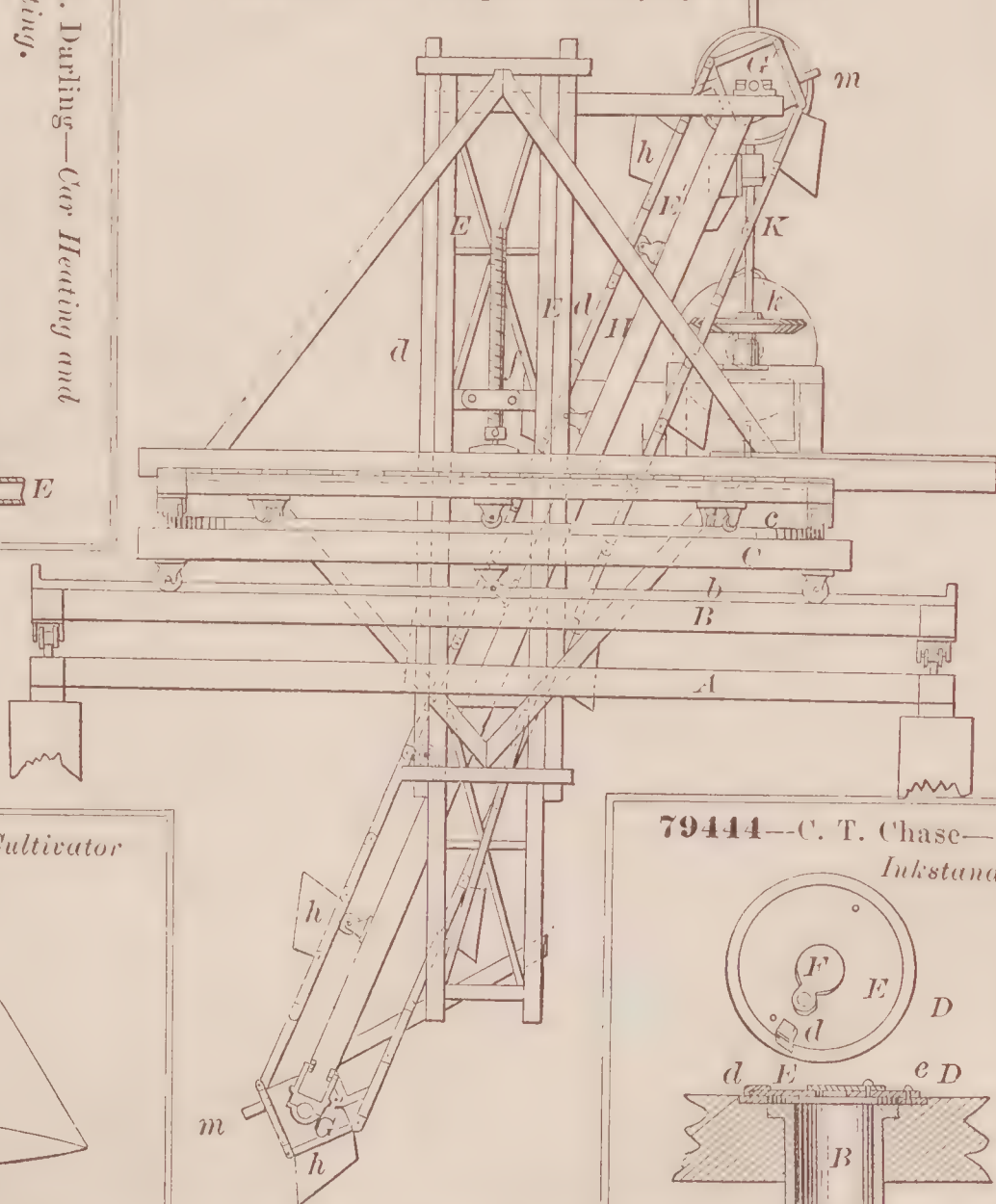
79447—W. H. Cole—*Tucking Device for Sewing Machines.*



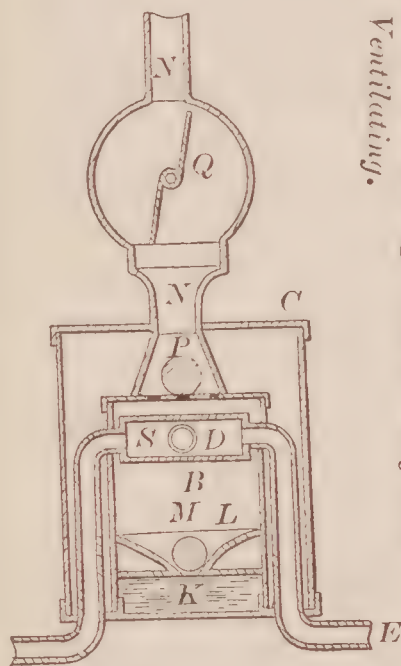
79445—W. Chisholm—*Dumping Car.*



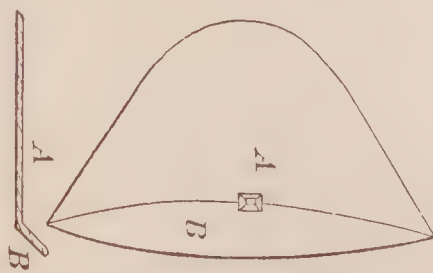
79448—D. C. Cregier—*Dredging Machine.*



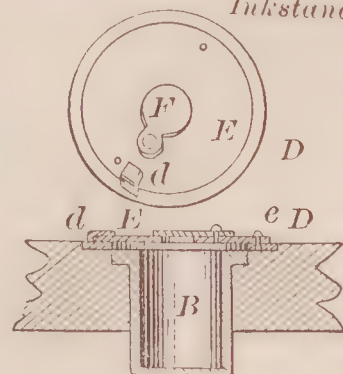
79449—S. Darling—*Car Heating and Ventilating.*



79451—D. Dean—*Cultivator Tooth.*

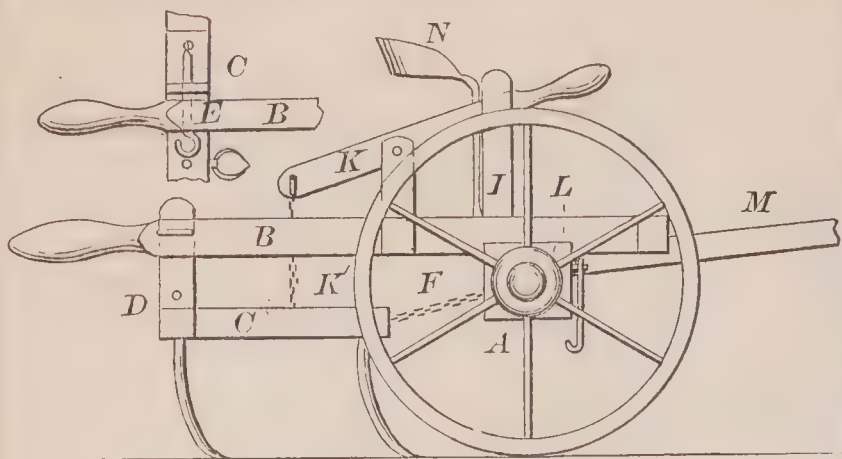


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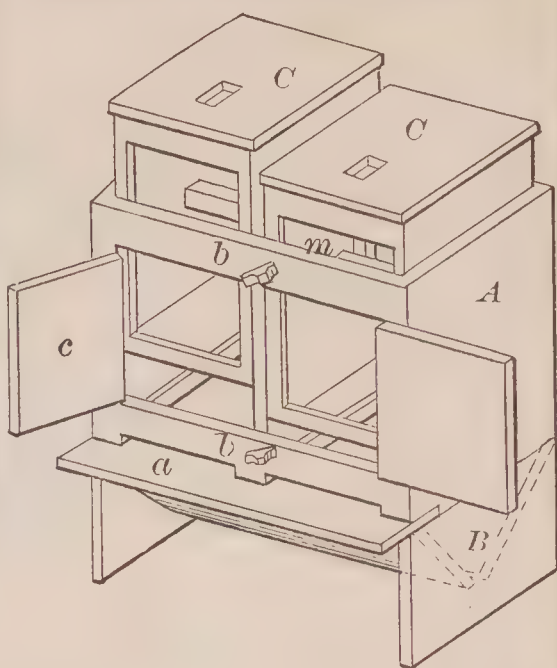




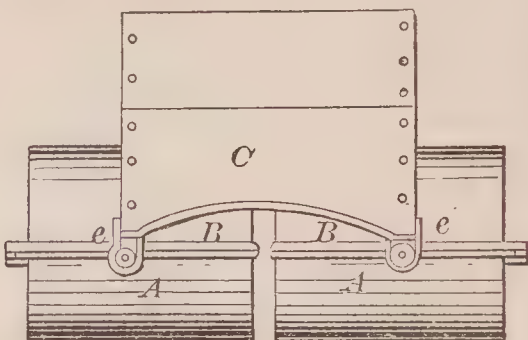
79450—J. H. Davey—Cultivator.



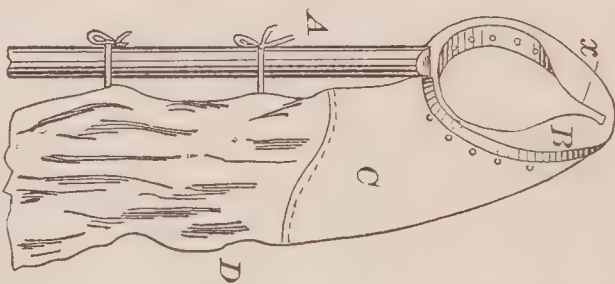
79454—W. J. Elvin—Beehive.



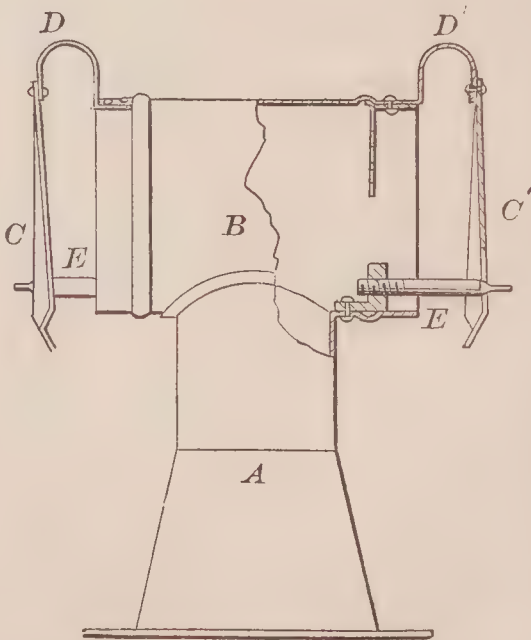
79456—A. L. Chubb—Field Roller.



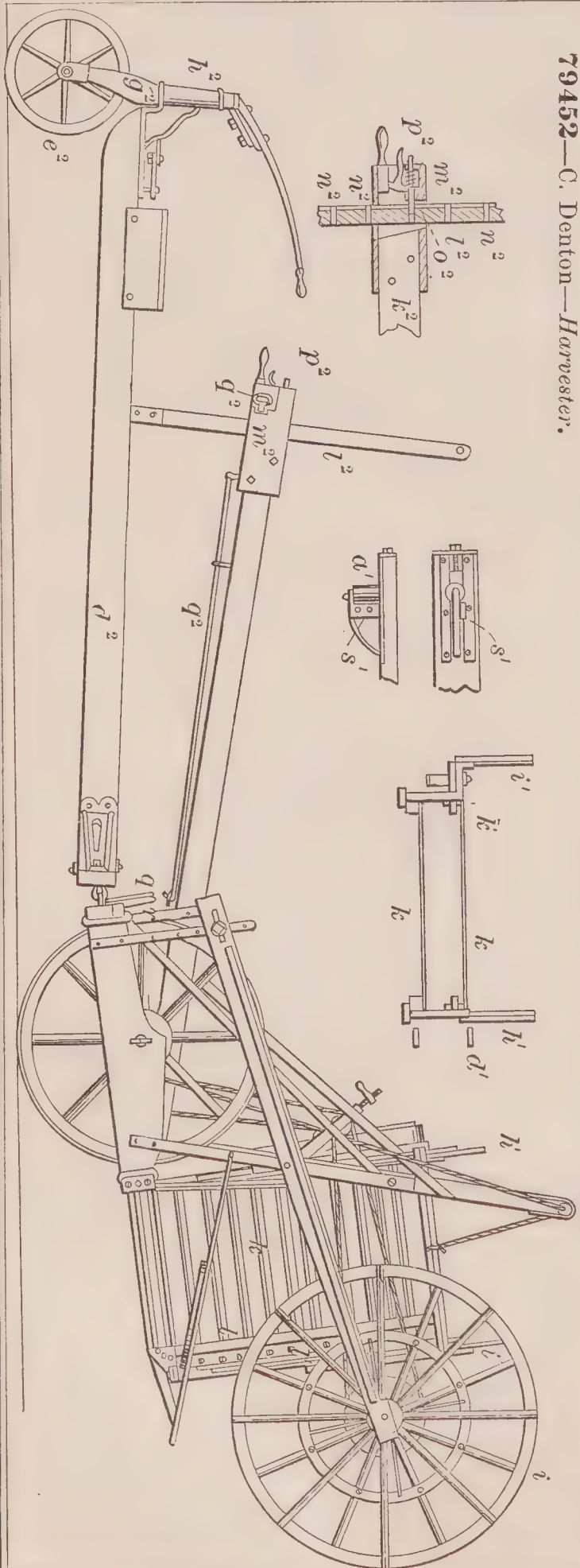
79455—R. Evans—Fruit Picker.



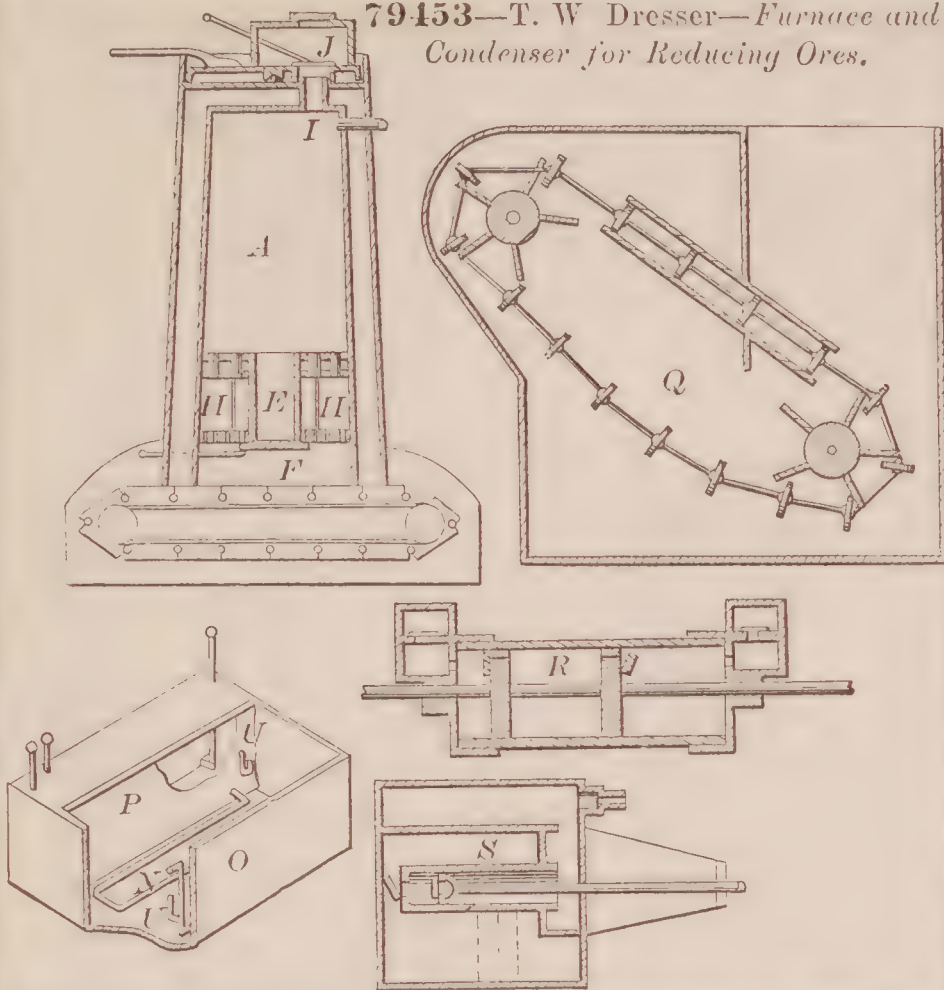
79457—A. E. Clement—Chimney Cowl.



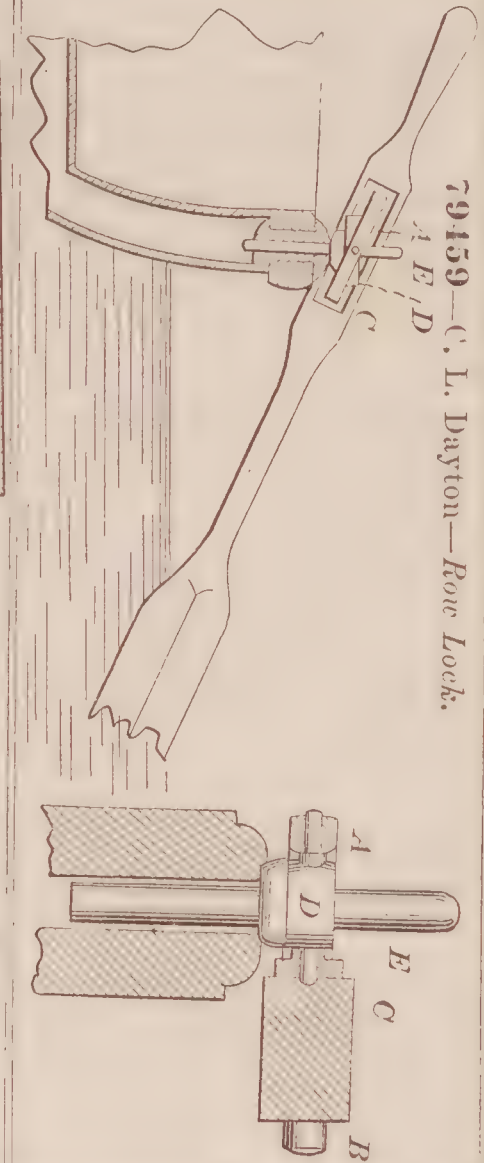
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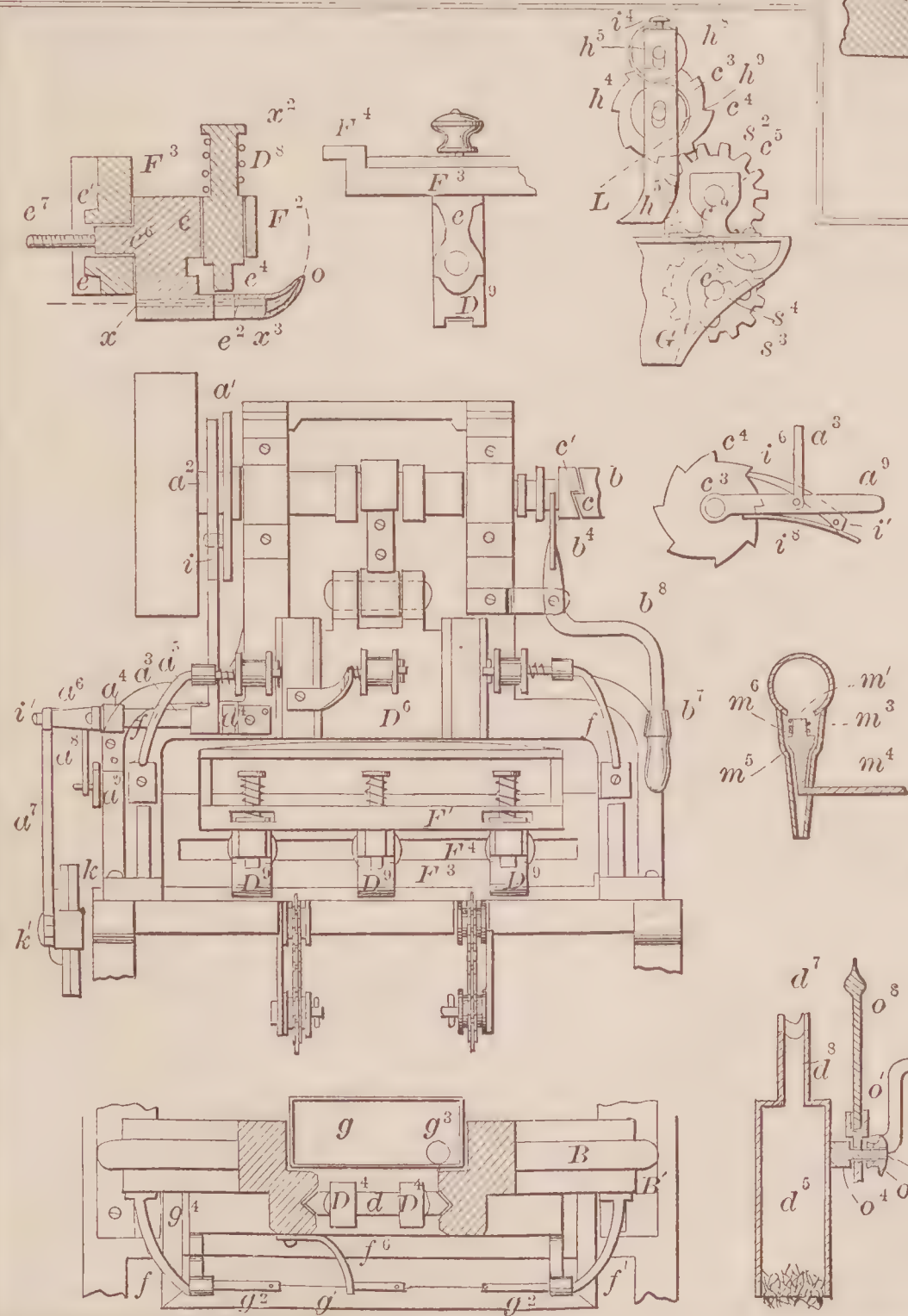
79453—T. W. Dresser—Furnace and Condenser for Reducing Ores.



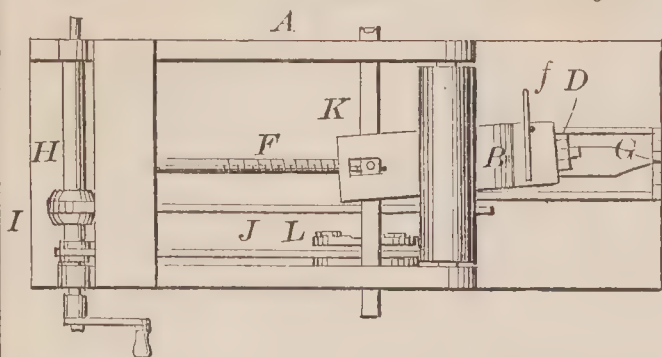
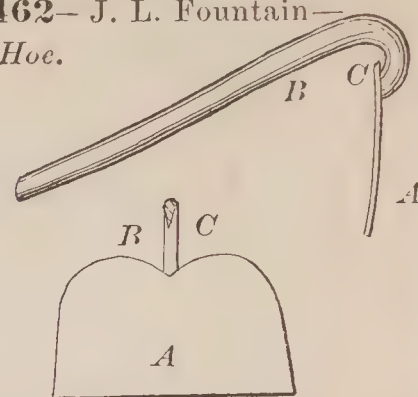
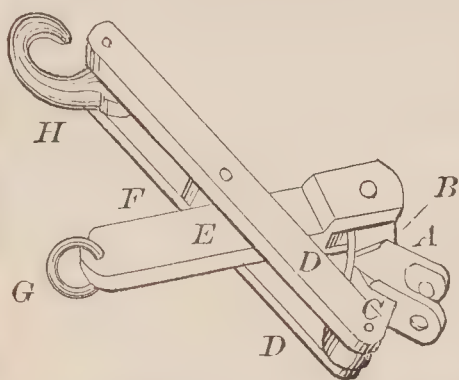
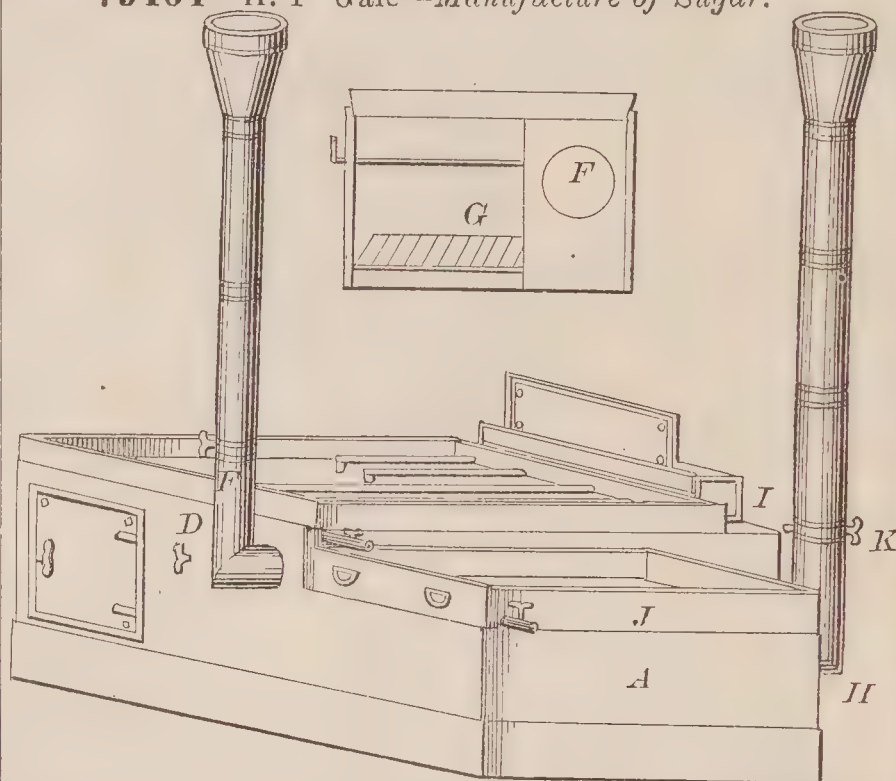
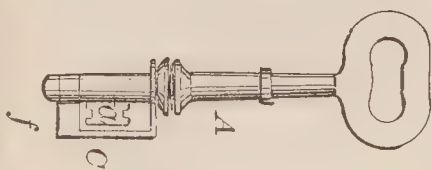
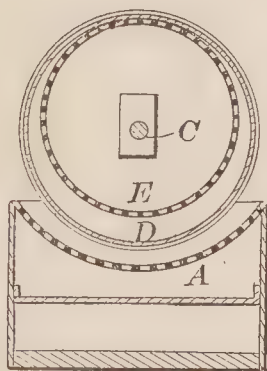
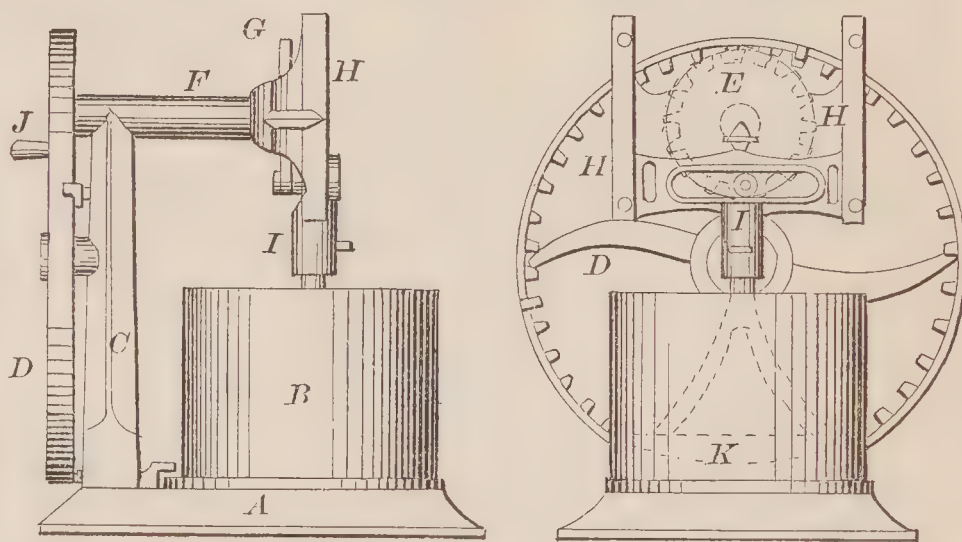
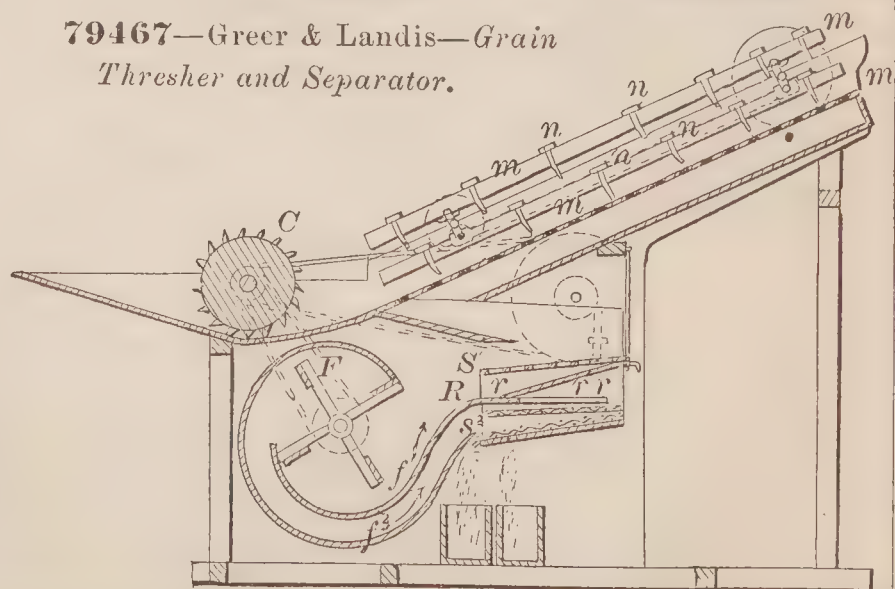
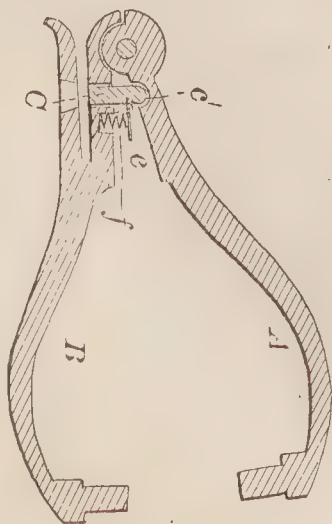
79459—C. L. Dayton—Rope Lock.



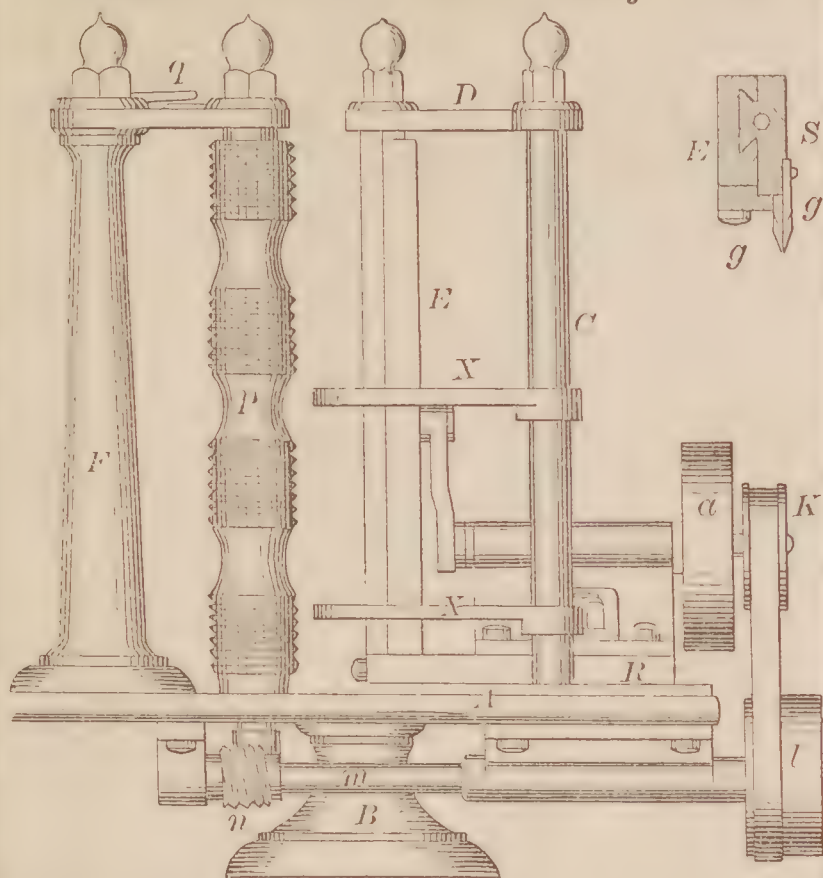
79460—C. H. Denison—For Applying Cloth Patches to Paper Collars.



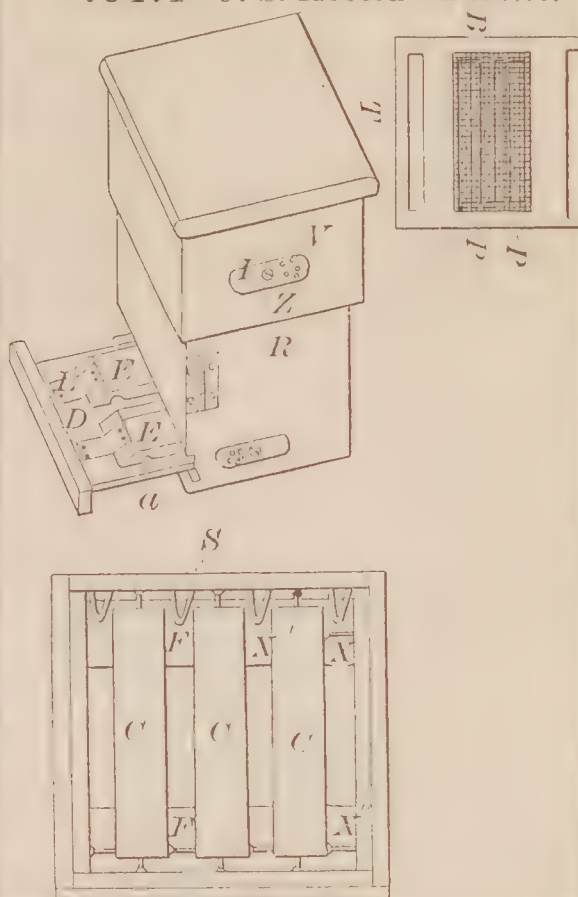


**79461**—M. H. Fisher—*For Making Rasps.***79462**—J. L. Fountain—*Hoe.***79463**—J. Fowler—*Clevis.***79464**—H. P. Gale—*Manufacture of Sugar.***79466**—F. Greene—*Door Key.***79469**—T. Heermans—*Coffee Roaster.***79465**—C. L. Gilpatric—*Meat Chopper.***79467**—Greer & Landis—*Grain Thresher and Separator.***79470**—W. Hill—*Ticket Punch.*

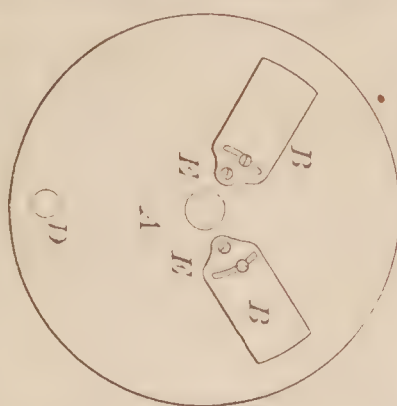
79468—C. F. Harlow—For Trimming Bristles.



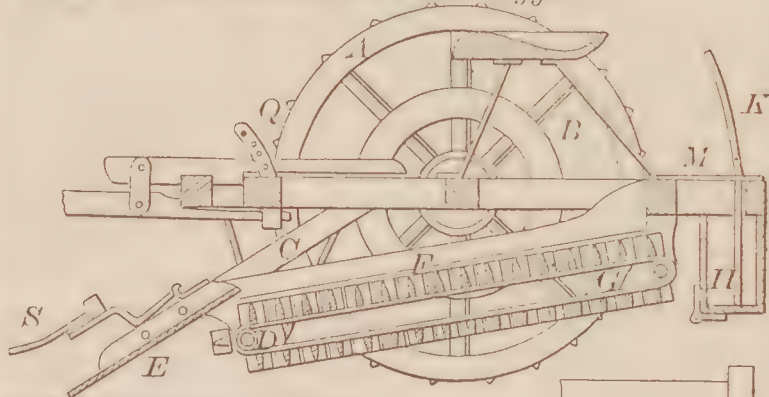
79471—J. S. Hooton—Beehive.



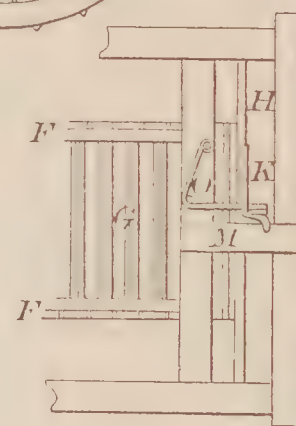
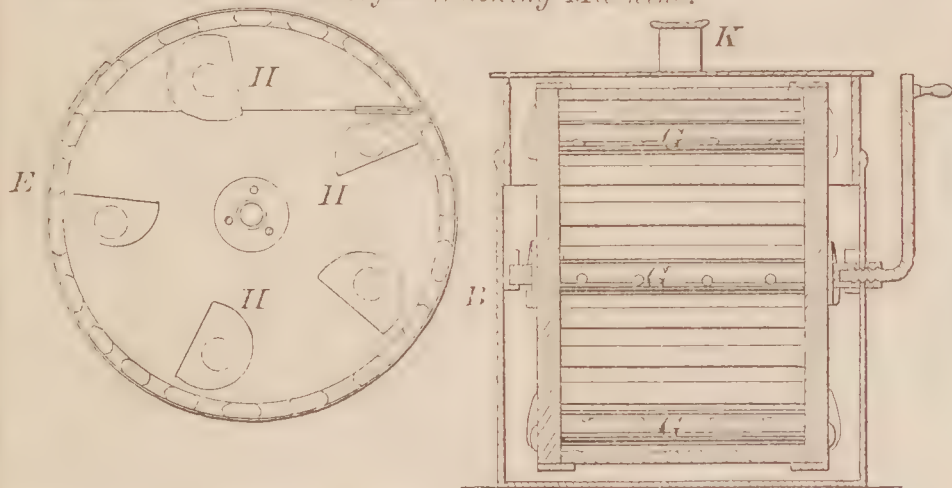
79475—H. K. Jones—  
Balancing Polishing  
Wheel.



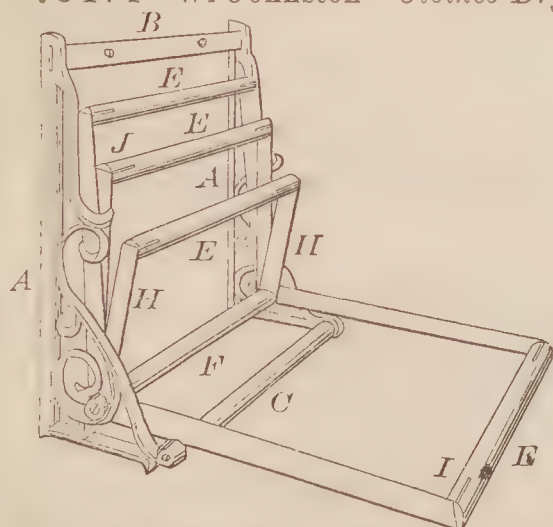
79473—M. Johnson—Potato Digger.



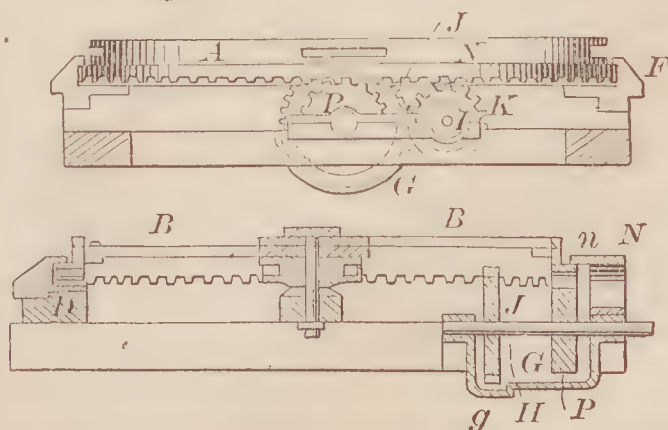
79477—G. H. Kidney—Washing Machine.



79474—W. Johnston—Clothes Dryer.



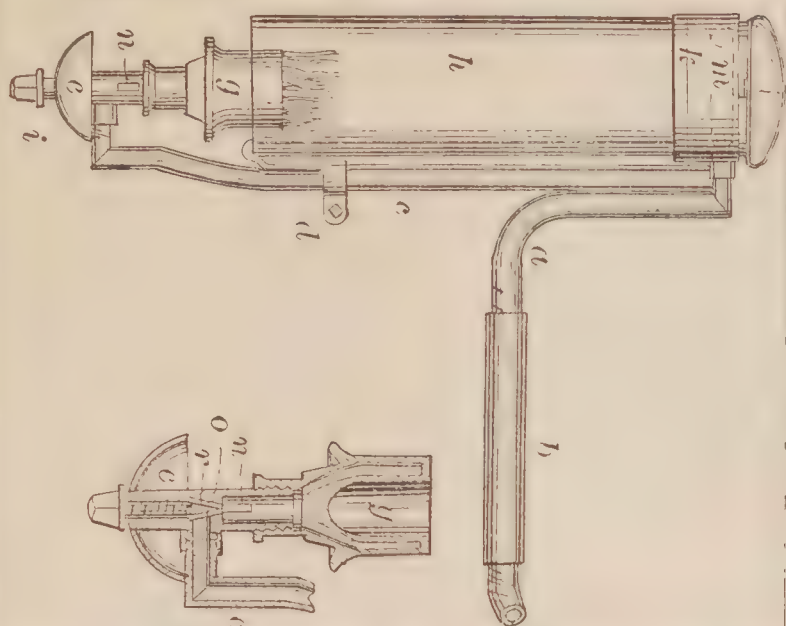
79476—I. Keller—Horse Power.



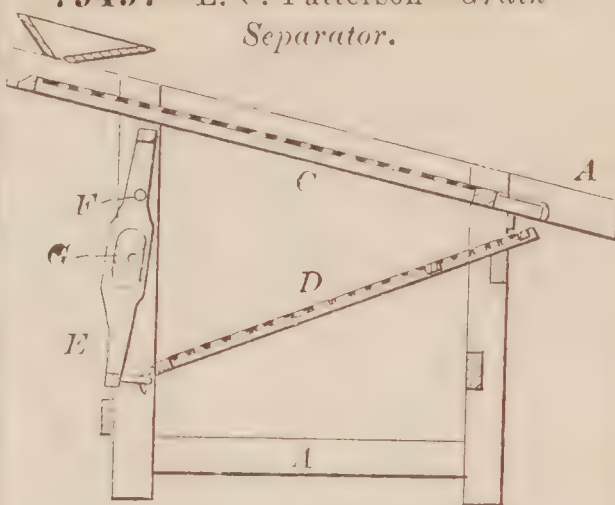




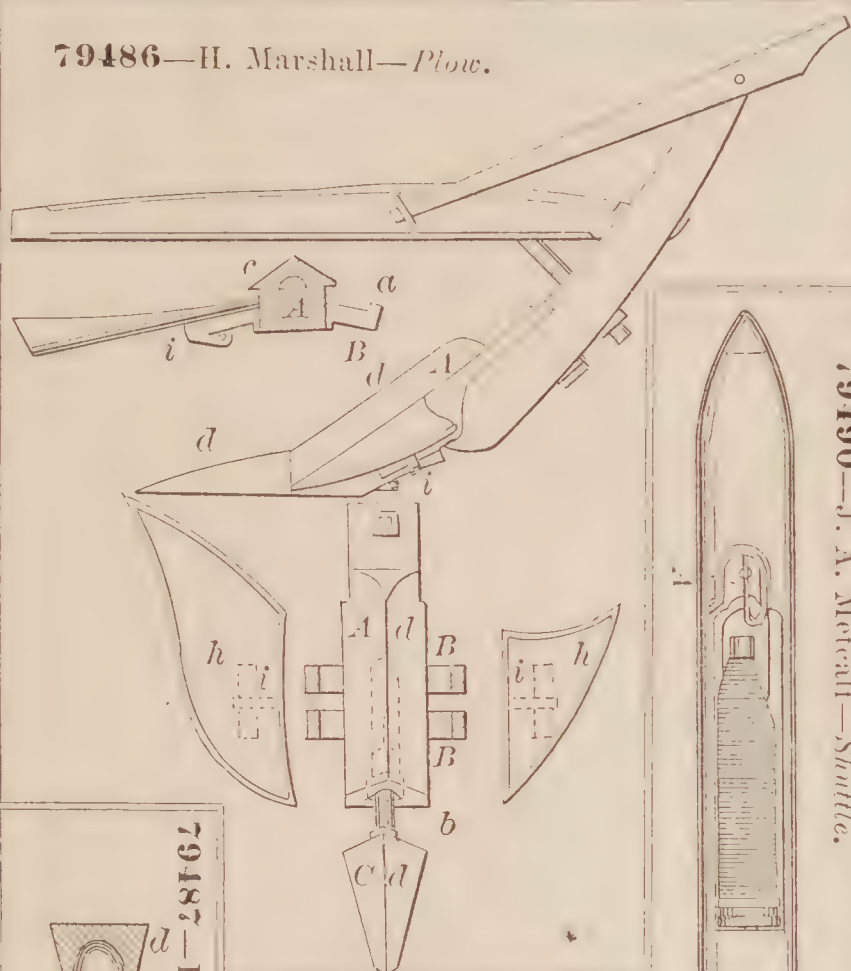
79485—C. B. Loveless—Vapor Burner.



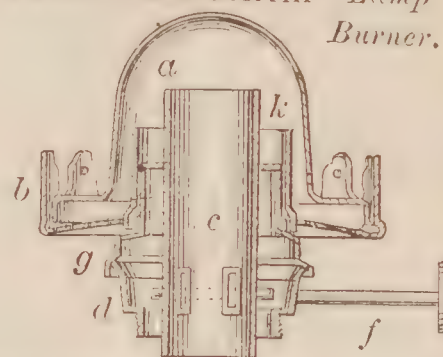
79497—E. C. Patterson—Grain Separator.



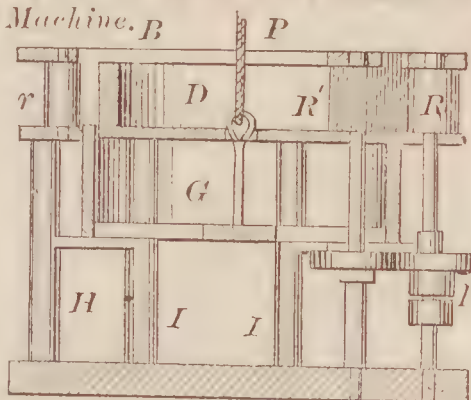
79486—H. Marshall—Plow.



79488—R. S. Merrill—Lamp Burner.



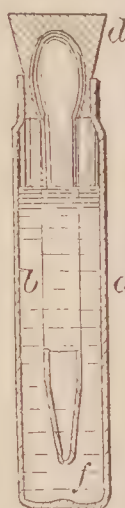
79489—E. Mets—Wood Bending Machine.



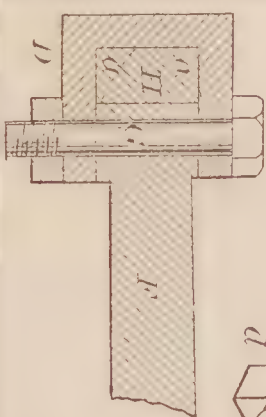
79490—J. A. Metcalf—Shuttle.



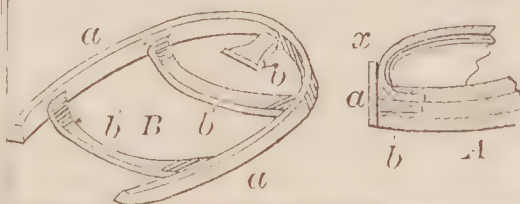
79487—P. J. McElroy—Medicine Dropper.



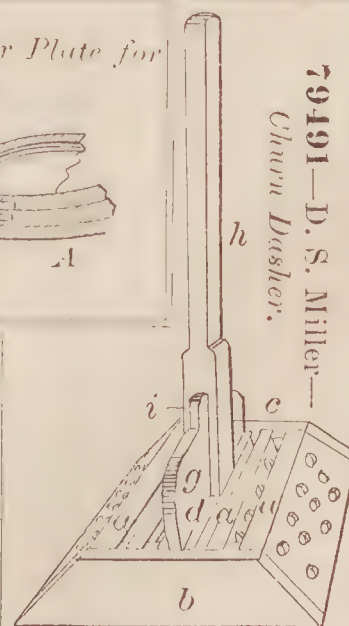
79491—T. B. Morse—Carriage Shuttle.



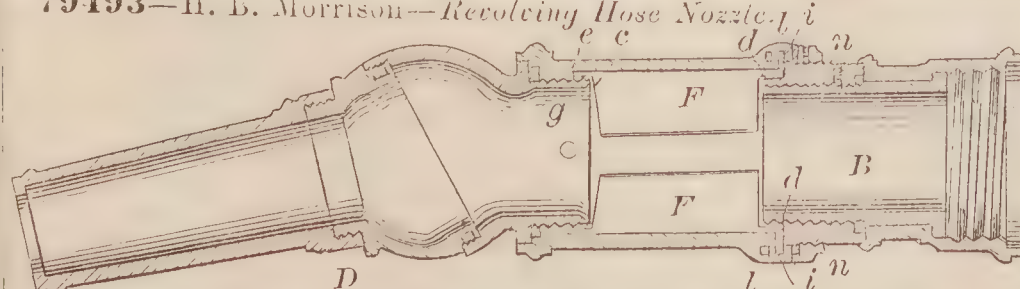
79492—S. Minges—Wear Plate for Boots and Shoes.



79491—D. S. Miller—Chain Dasher.

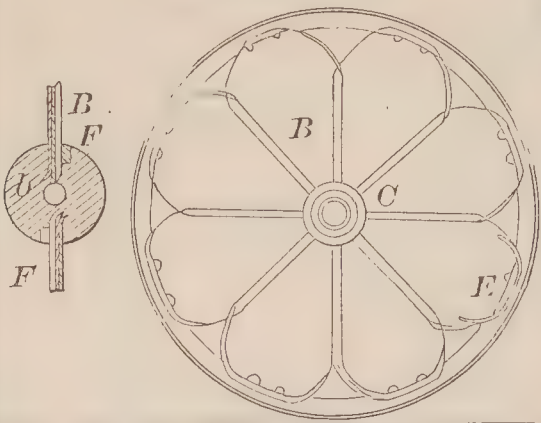


79493—H. B. Morrison—Revolving Hose Nozzle.

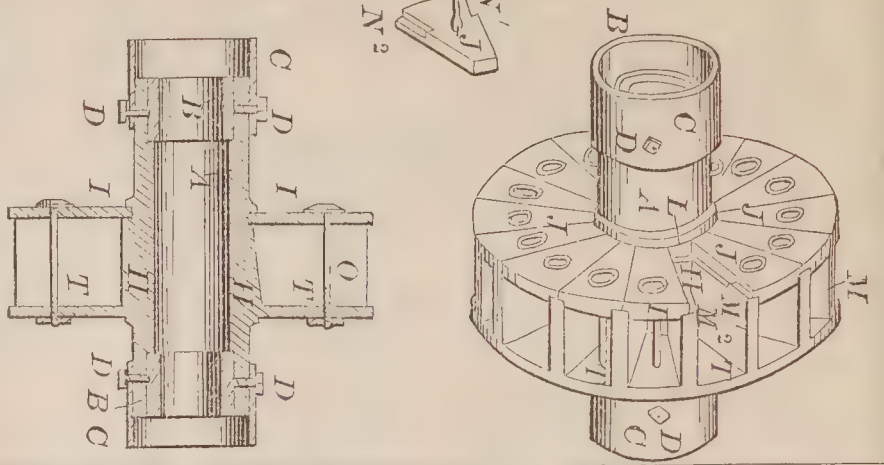




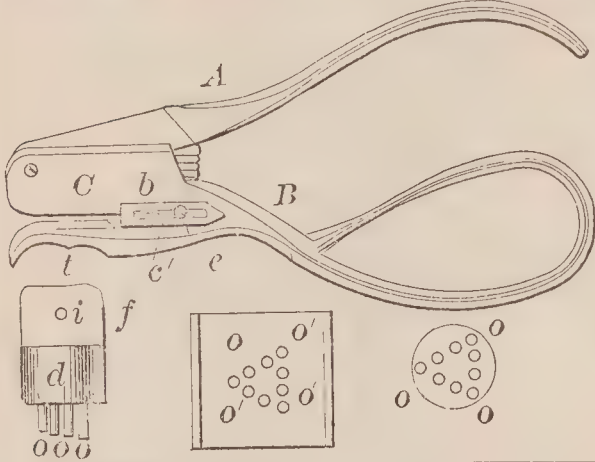
79495—J. & T. Nevison, Jr.—  
*Carriage Wheel.*



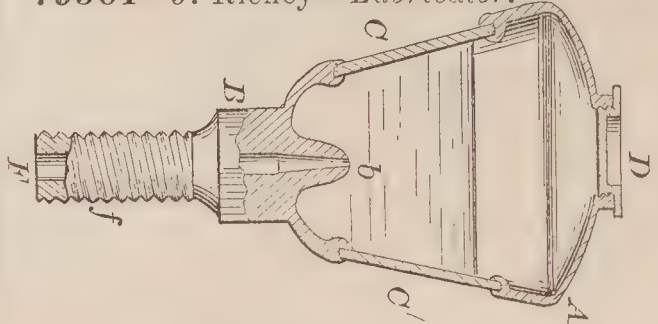
79496—J. Oliphant—*Metallic Hub.*



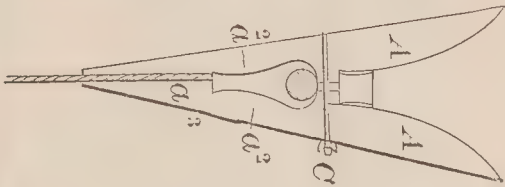
79498—W. J. Phelps—*Ticket Punch.*



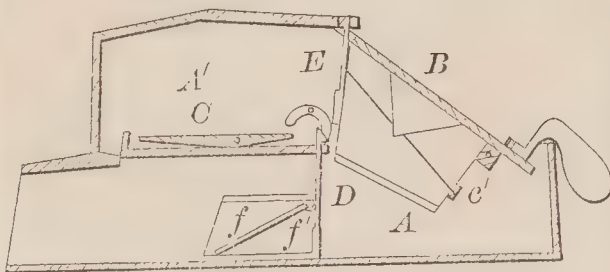
79501—J. Richey—*Lubricator.*



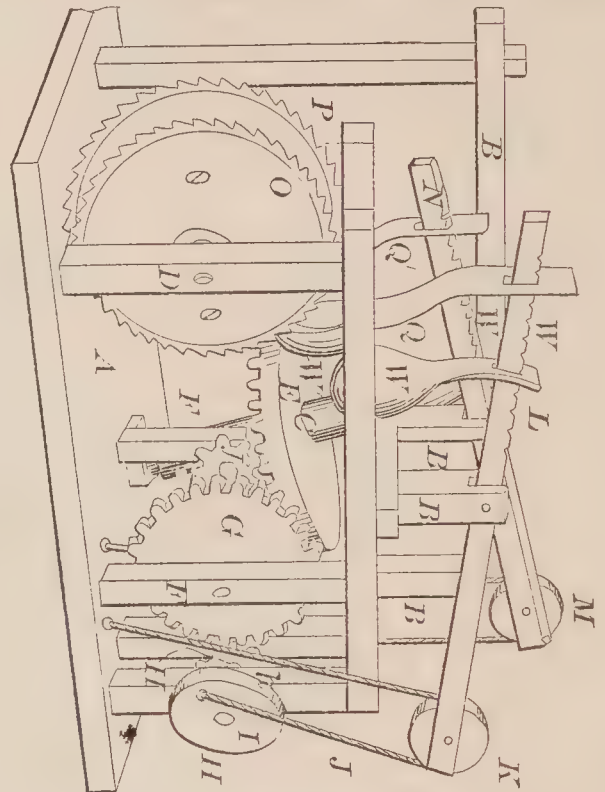
79502—J. G. Roth—*Clothes Pin.*



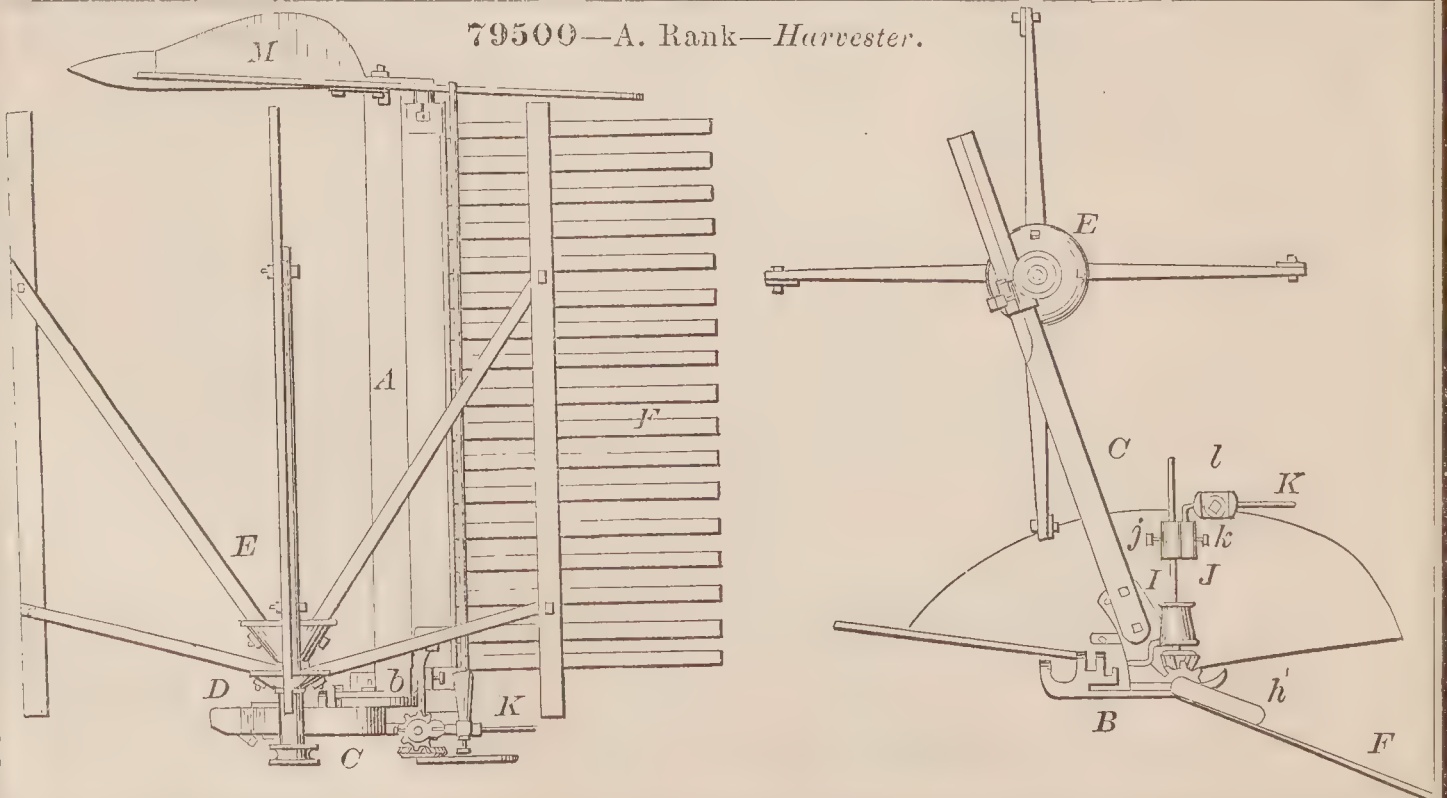
79506—E. B. Smith—*Animal Trap.*



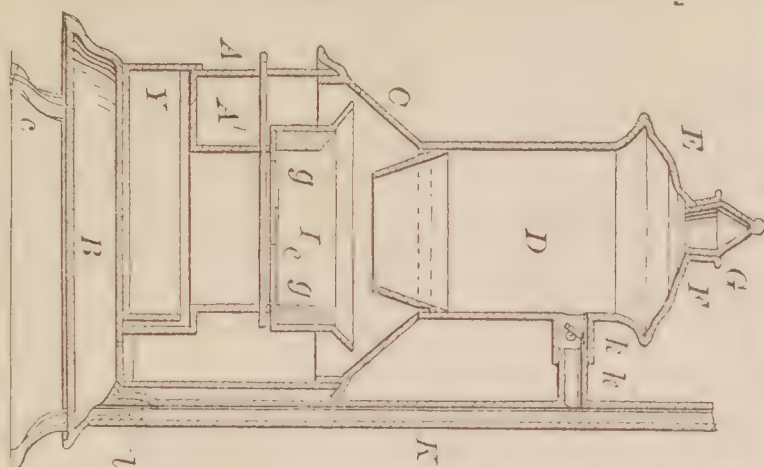
79503—J. See—*Mechanical Movement.*



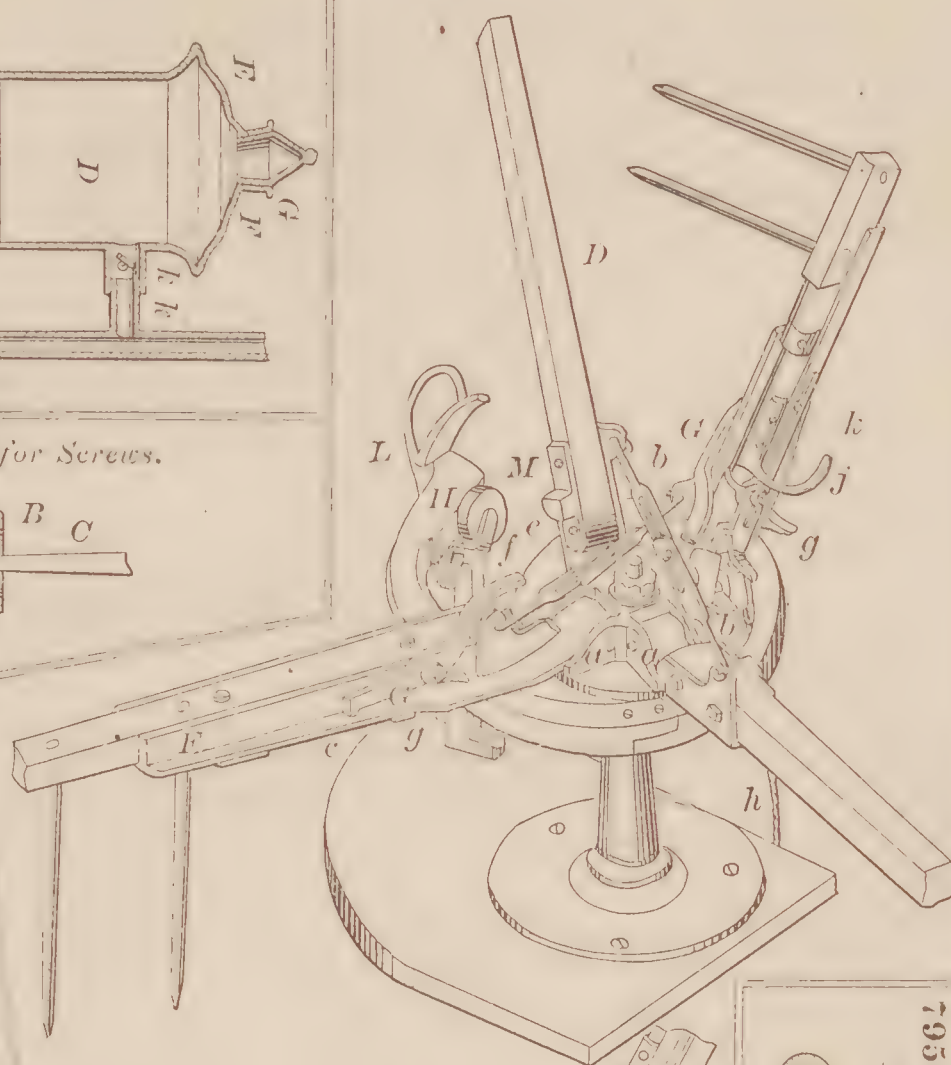
79500—A. Rank—*Harvester.*



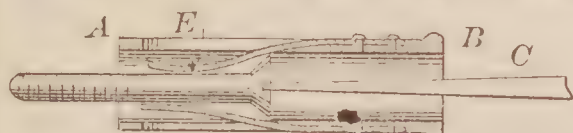
79505—S. B. Sexton—*Base Burning Stove.*



79507—E. M. Smith—*Harvester Rake.*



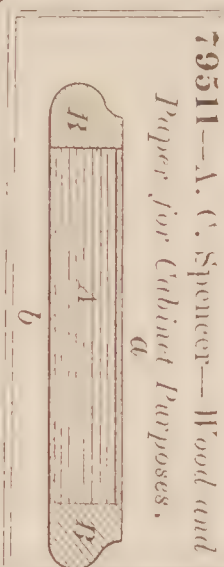
79509--N. Smith --*Guide for Screws.*



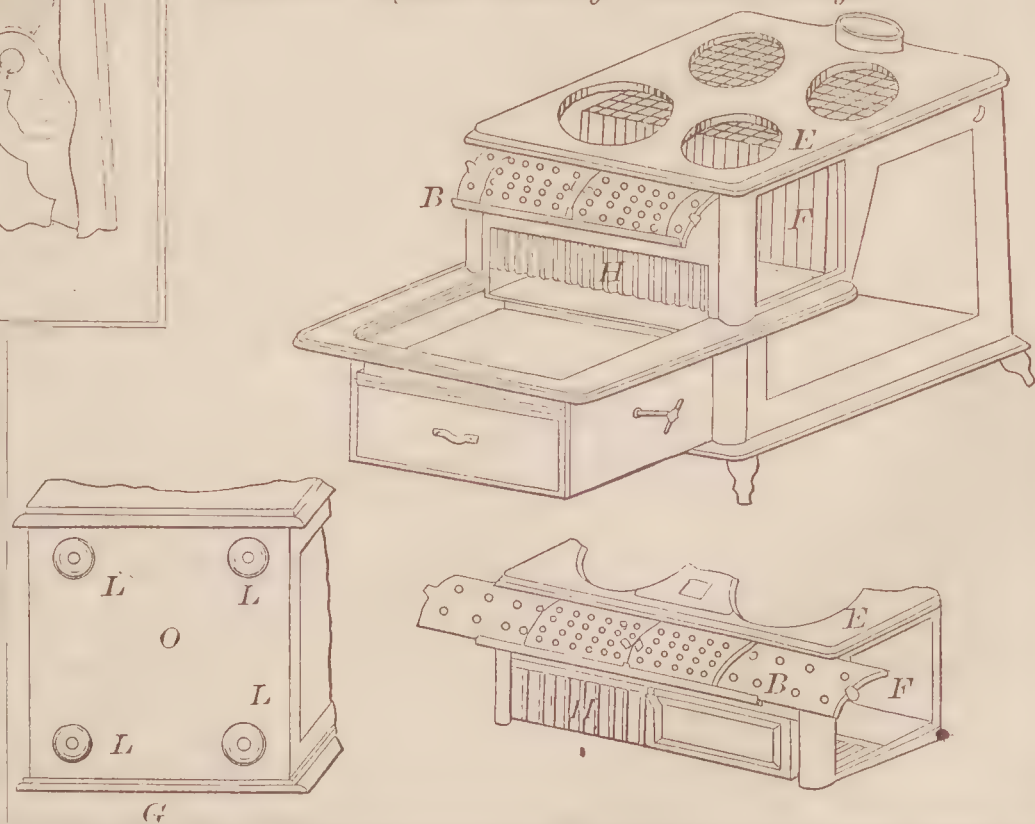
79512—G. H. Strough—  
*Horse Hay Fork.*



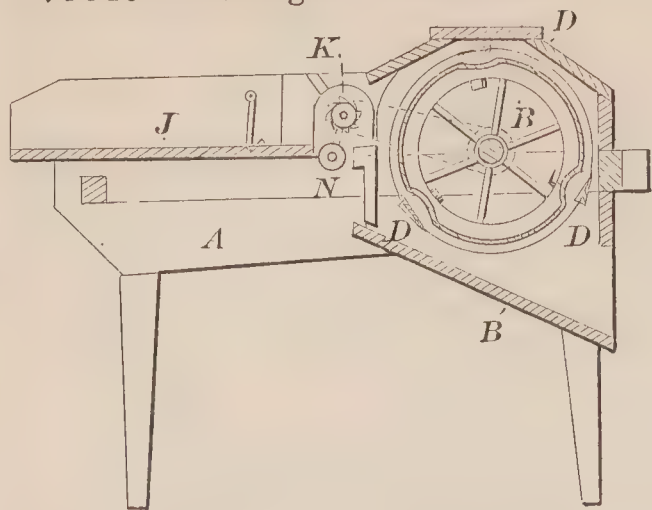
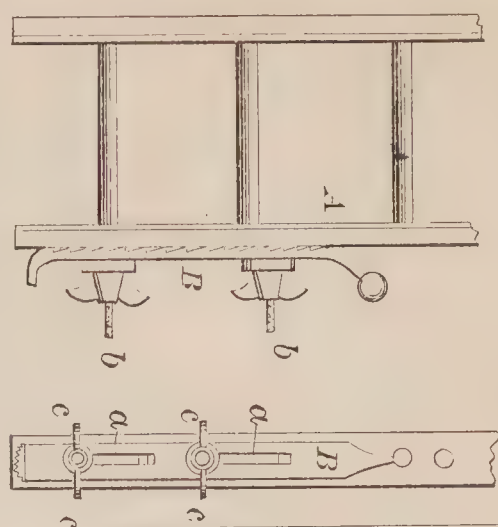
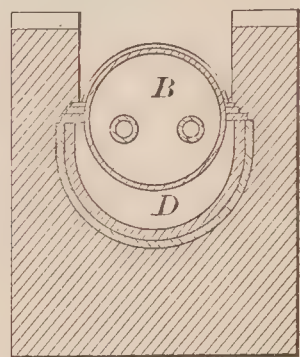
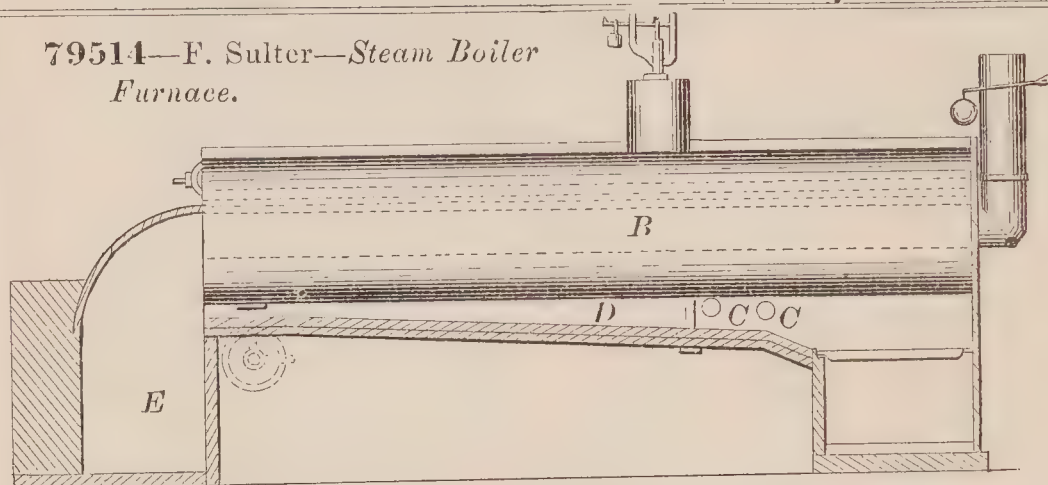
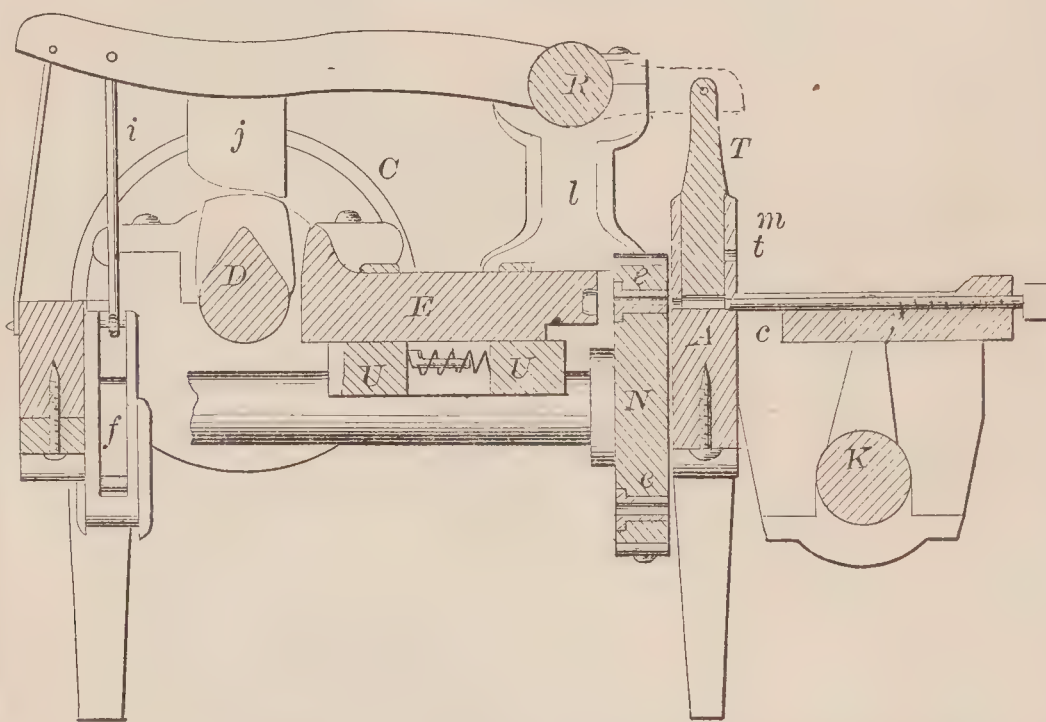
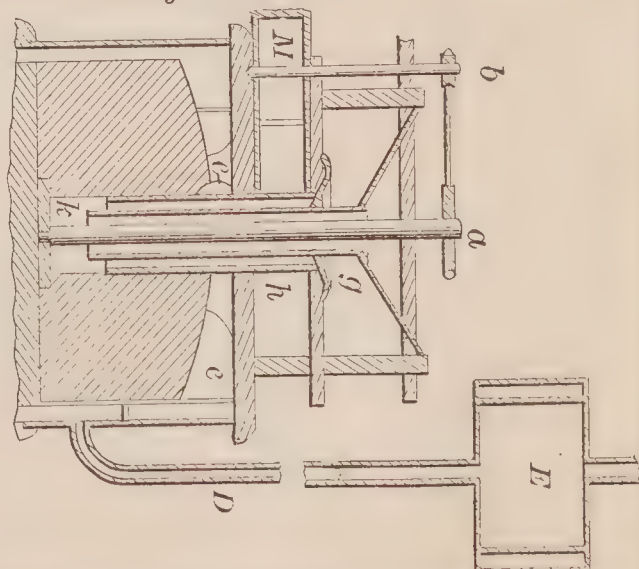
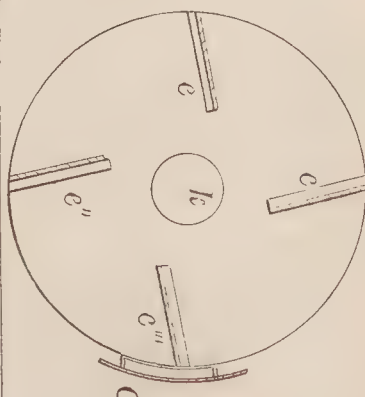
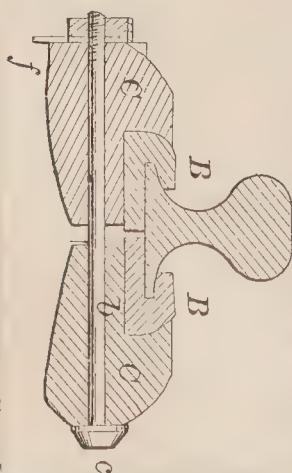
79511--A. C. Spencer--Wood and  
Paper for Cabinet Purposes,  
a



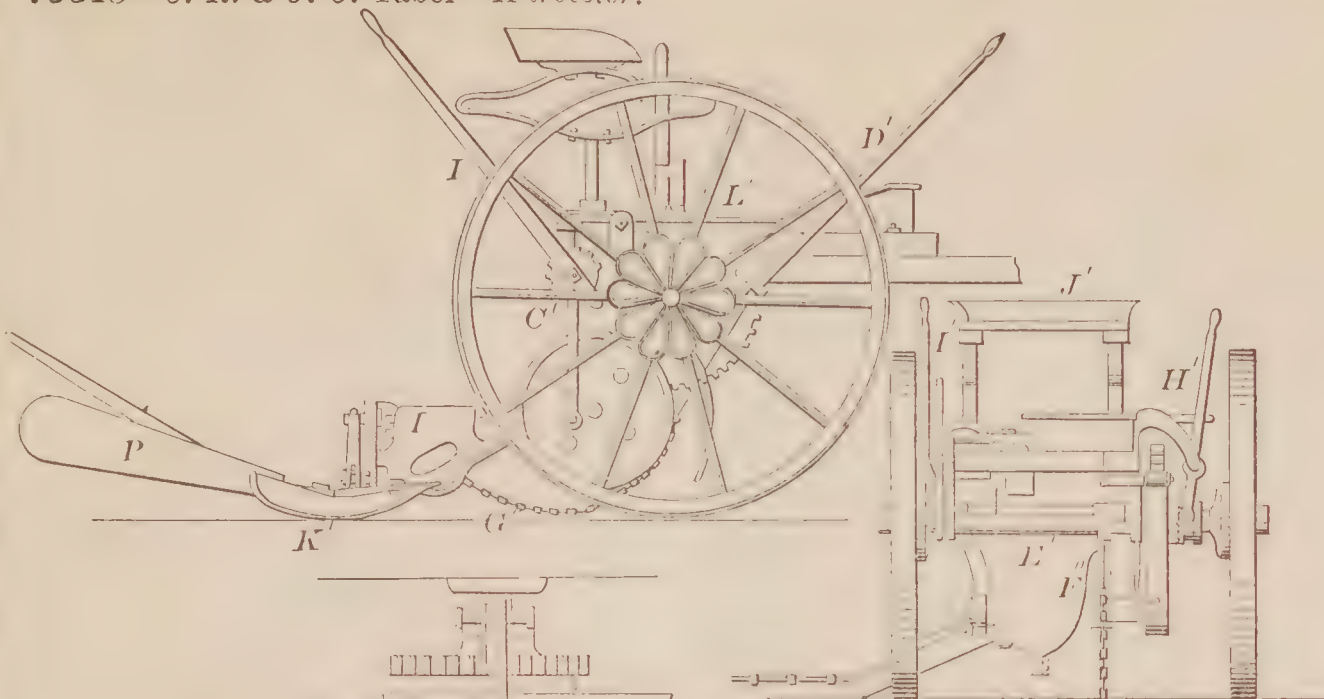
79510 —J. Spear—*Cooking Stove and Range.*



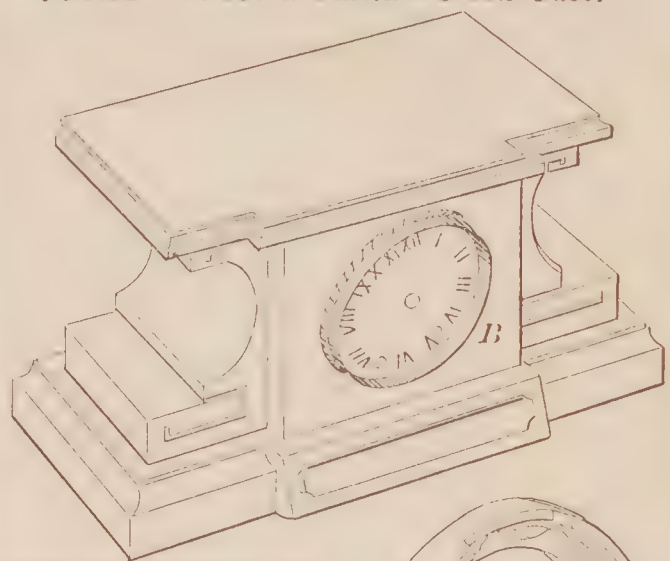


79513--D. Sturgis--*Straw Cutter.*79520--Thomas & Raymond--*Ladder.*79514--F. Sulter--*Steam Boiler Furnace.*79516--J. H. Swett--*For Making Rivets.*79519--S. P. Taylor--*Harness Buckle.*79517--R. Symes--*For Ventilating Mill Stones.*79515--J. H. Swett--*Railway Joint.*

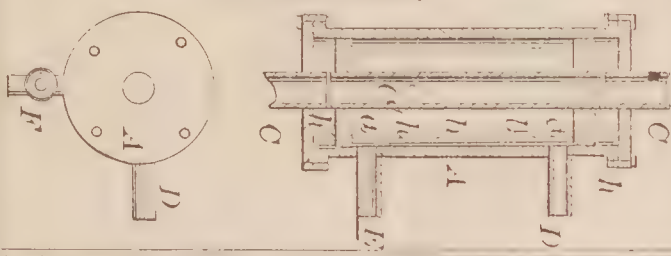
79518—C. R. & J. O. Taber—*Harvester.*



79521—Vance & Smith—*Clock Case.*



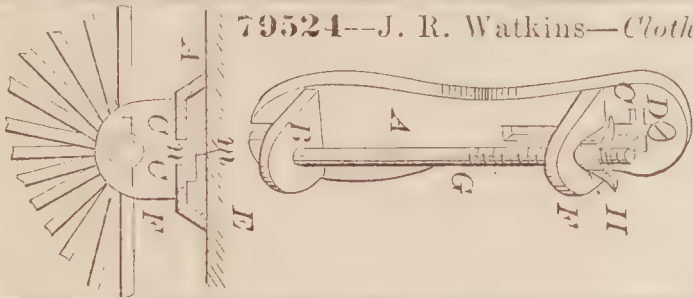
79523—A. H. Walker—*Water Heater for Steam Boilers.*



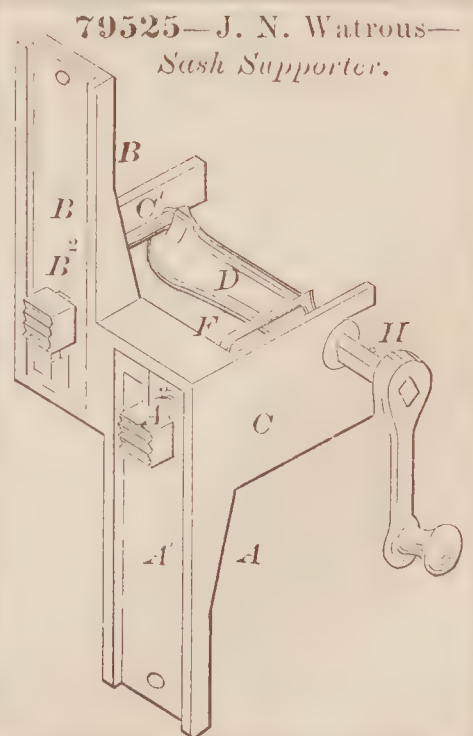
79522—E. P. Vaux—*B Metallic Roofing.*



79524—J. R. Watkins—*Clothes Dryer.*



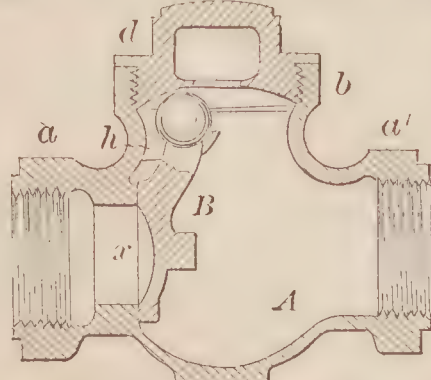
79525—J. N. Watrous—*Sash Supporter.*



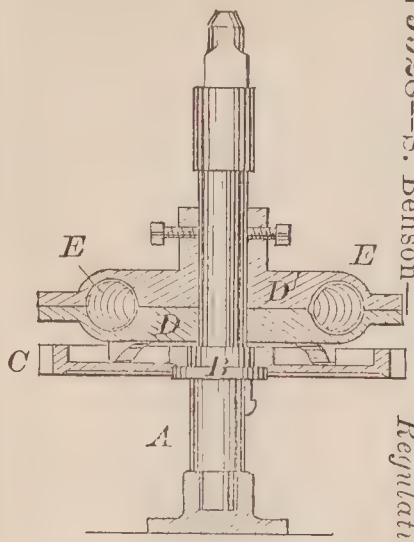
79526—G. Wedekind—*Lamp Shade.*



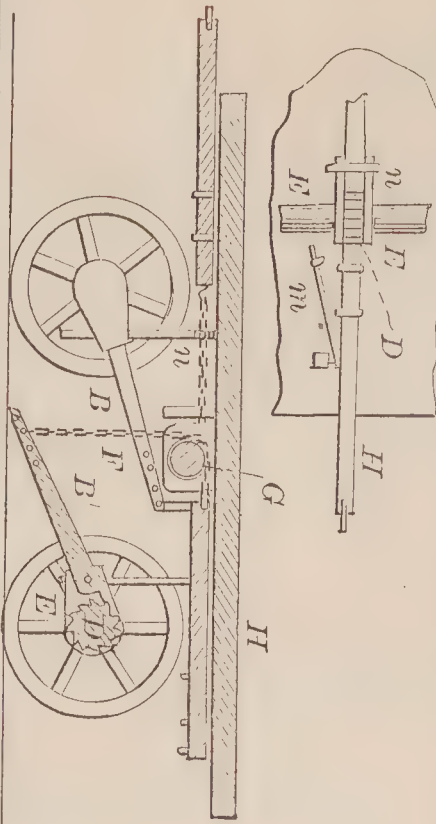
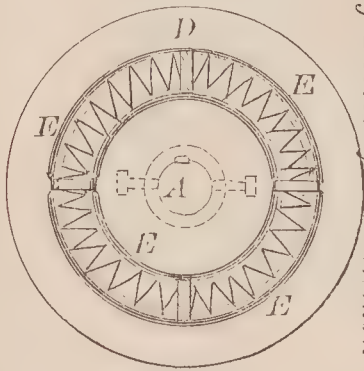
79527—J. Wilson—*Check Valve.*





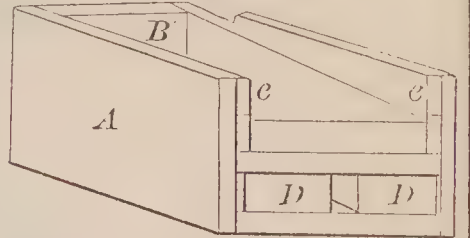


79528--S. Benson--  
*Regulating Device of Mill Stones.*

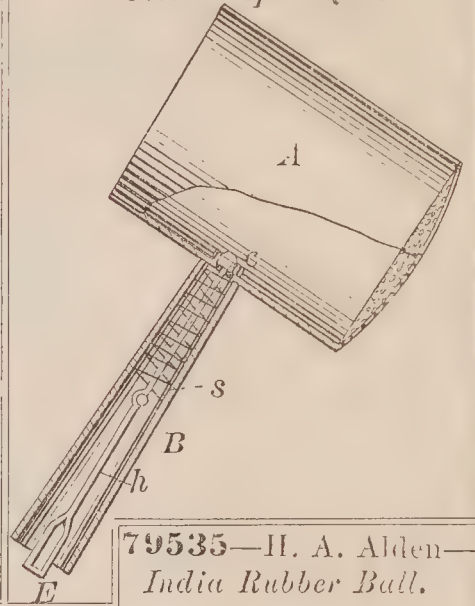


79529--I. N. Bevans--*Wood Starter.*

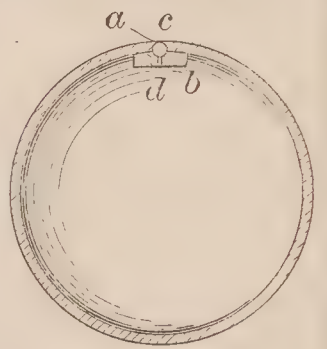
79530--J. B. Van Horn--  
*Clamp for Wood Bending Machines.*



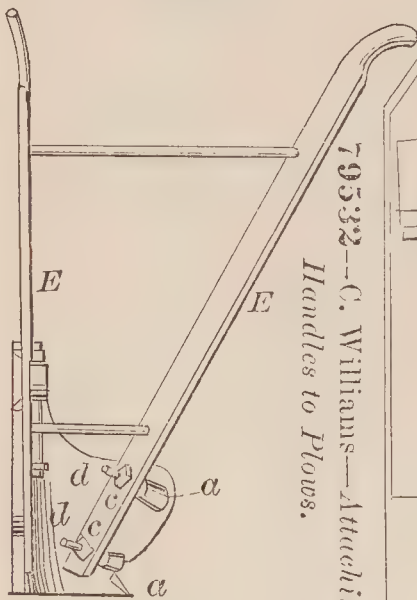
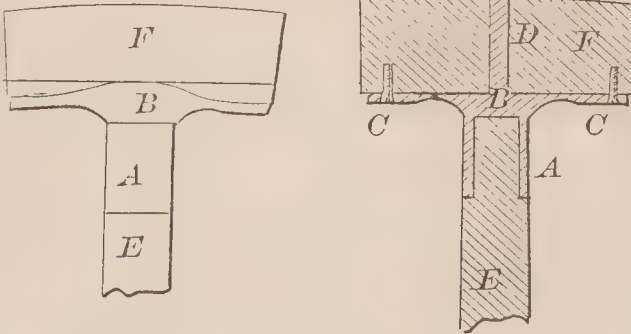
79531--J. W. Walters--  
*Clothes Sprinkler.*



79535--H. A. Alden--  
*India Rubber Ball.*

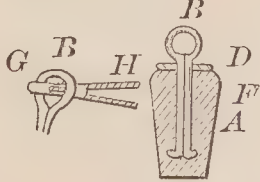


79533--G. Allen--*Spoke and Felloe Connection.*

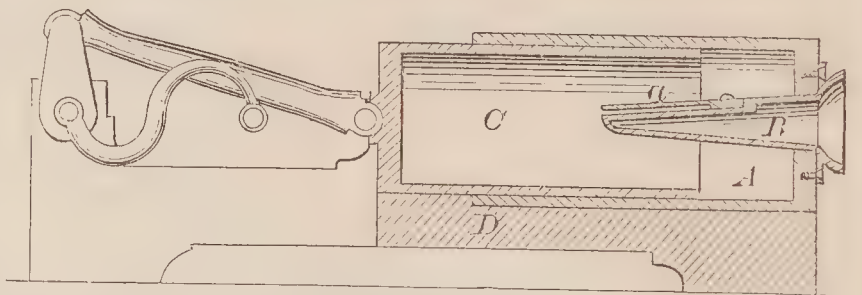


79532--C. Williams--  
*Attaching Handles to Plows.*

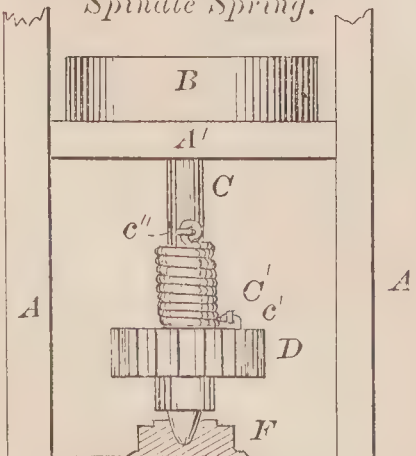
79536--J. B. Alexander--  
*Bottle Stopper.*



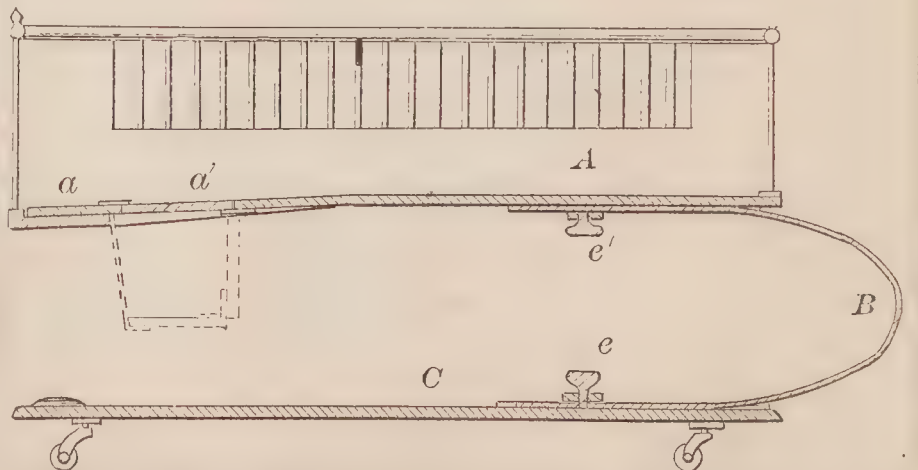
79528--J. R. Anderson--*Fog Alarm.*



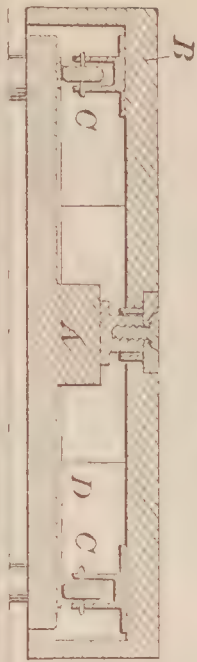
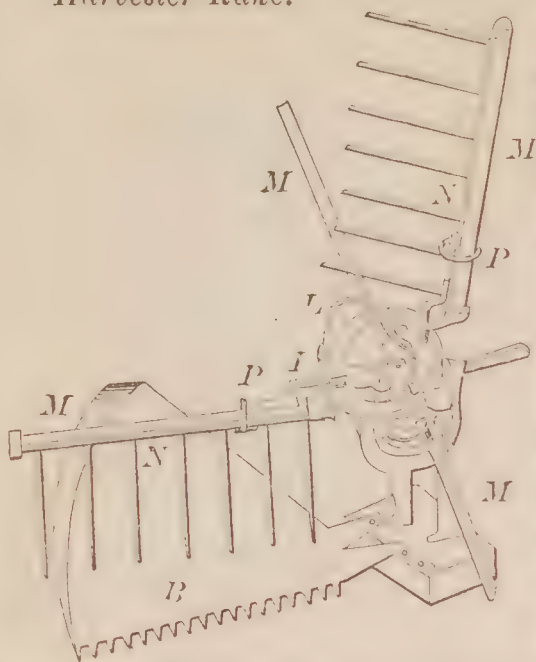
79537--T. Alsop--*Mill Spindle Spring.*



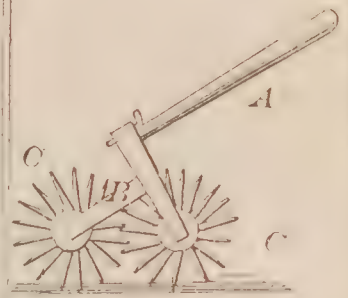
79534--G. H. Mellen--*Baby Jumper and Cradle.*



79539—C. J. Arlington—*Harvester Rake.*



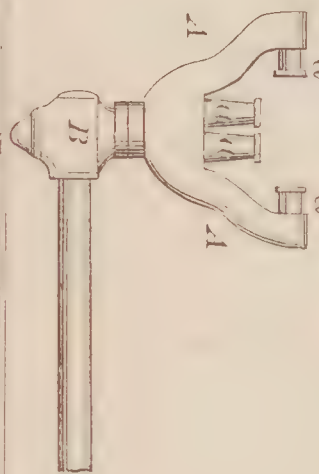
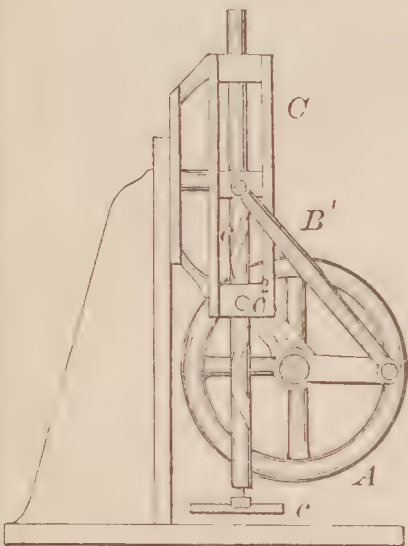
79540—J. Armstrong—*Garden Implement.*



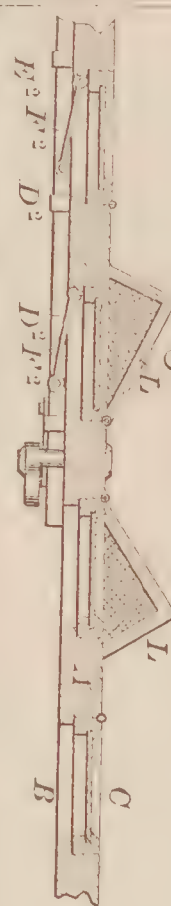
79543—T. F. Bigelow—*Vegetable Sifter.*



79542—S. Bessor—*Churn.*

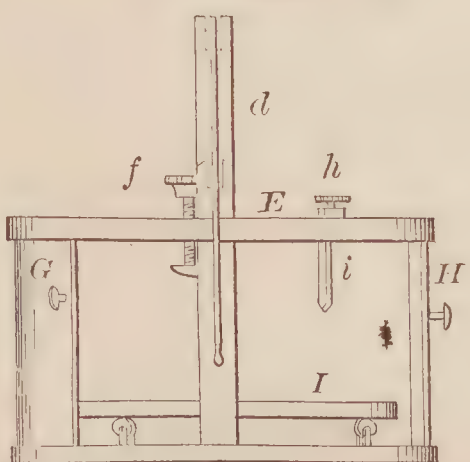
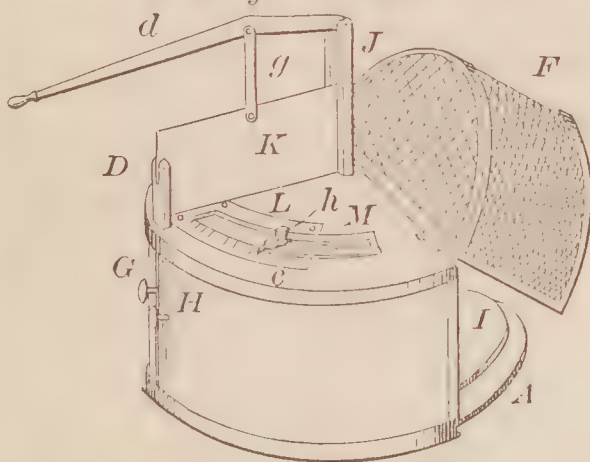


79545—Bridgman & Wellman—*Gins.*

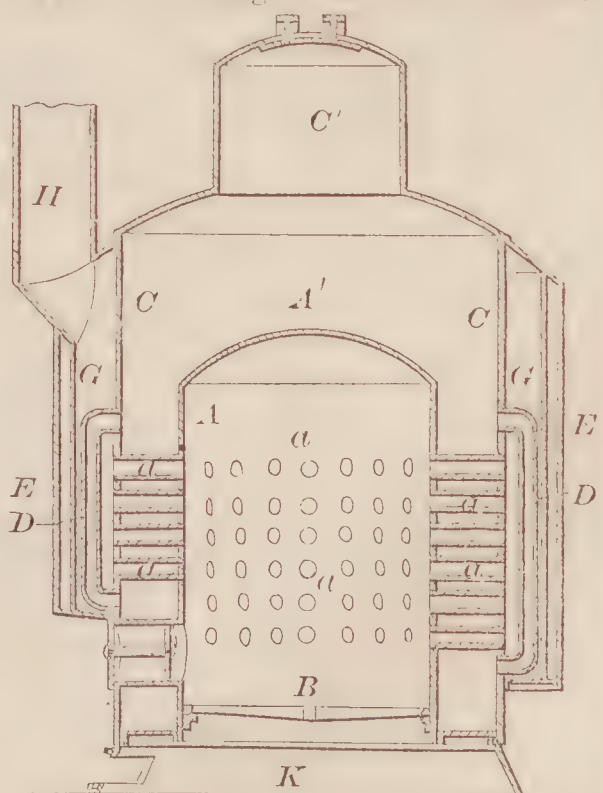


79544—Bayley & McKinstry—*Coal Ventilator.*

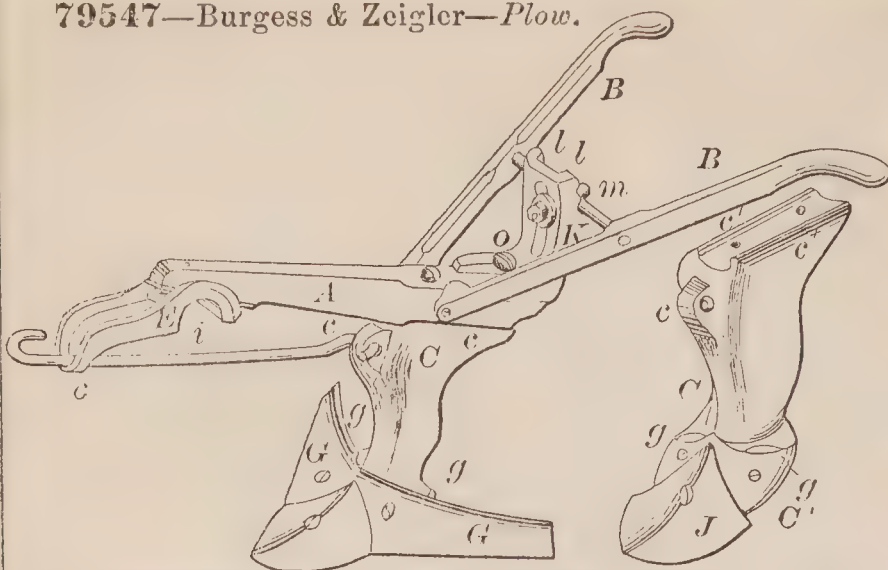
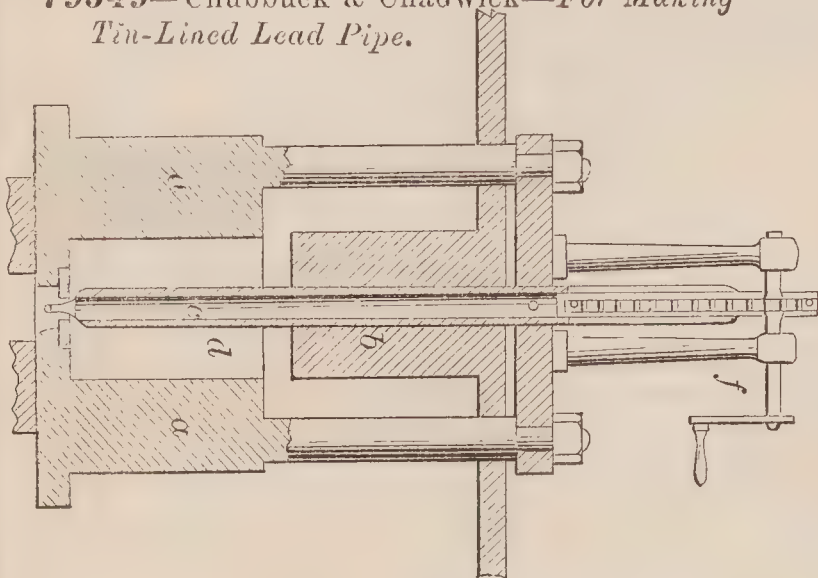
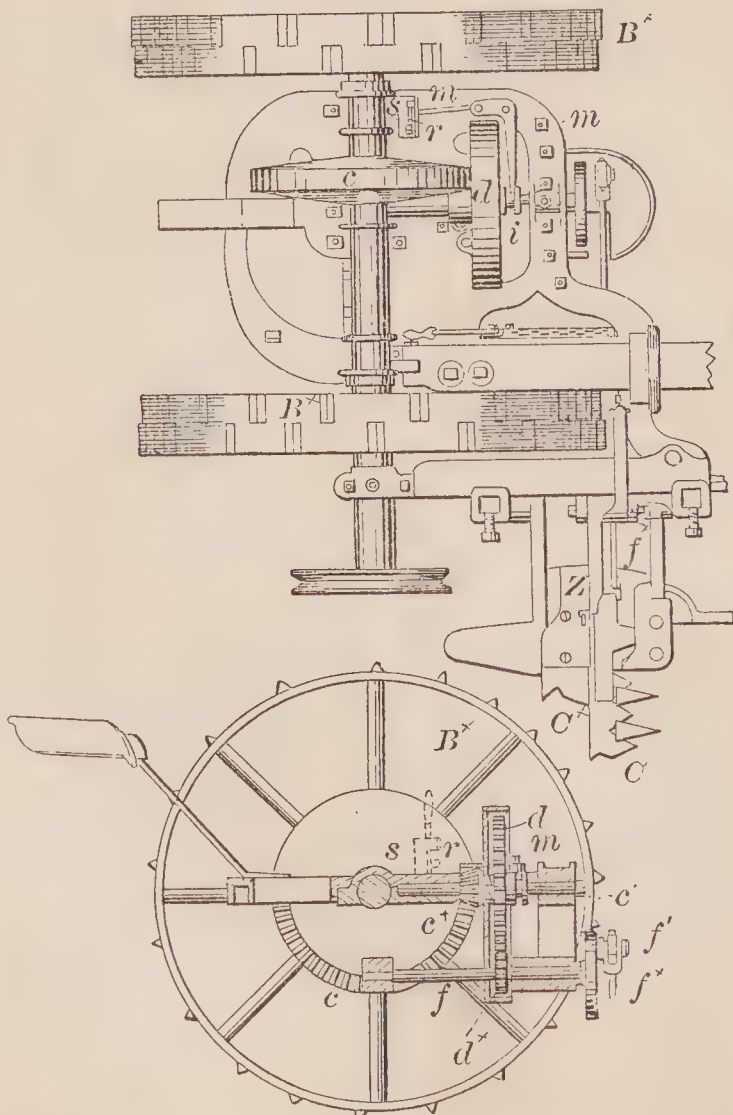
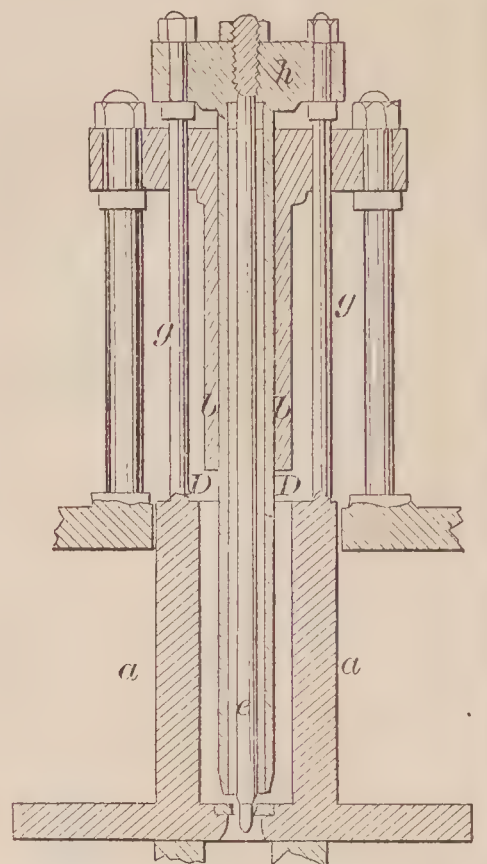
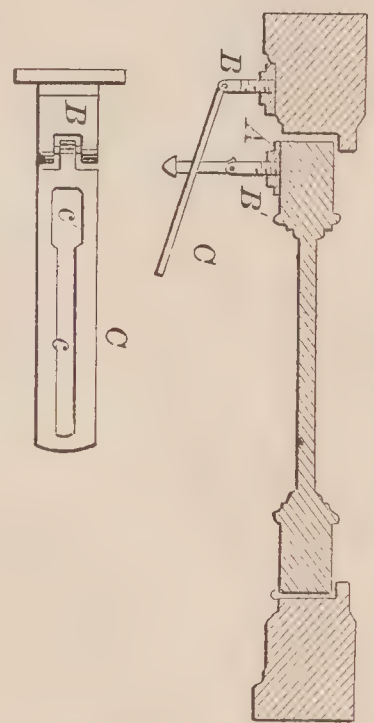
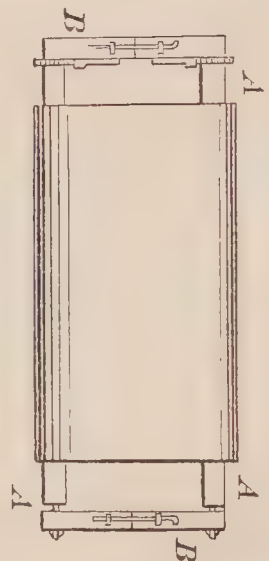
79546—E. G. Bulgin—*Cheese Safe, Gauge and Cutter.*



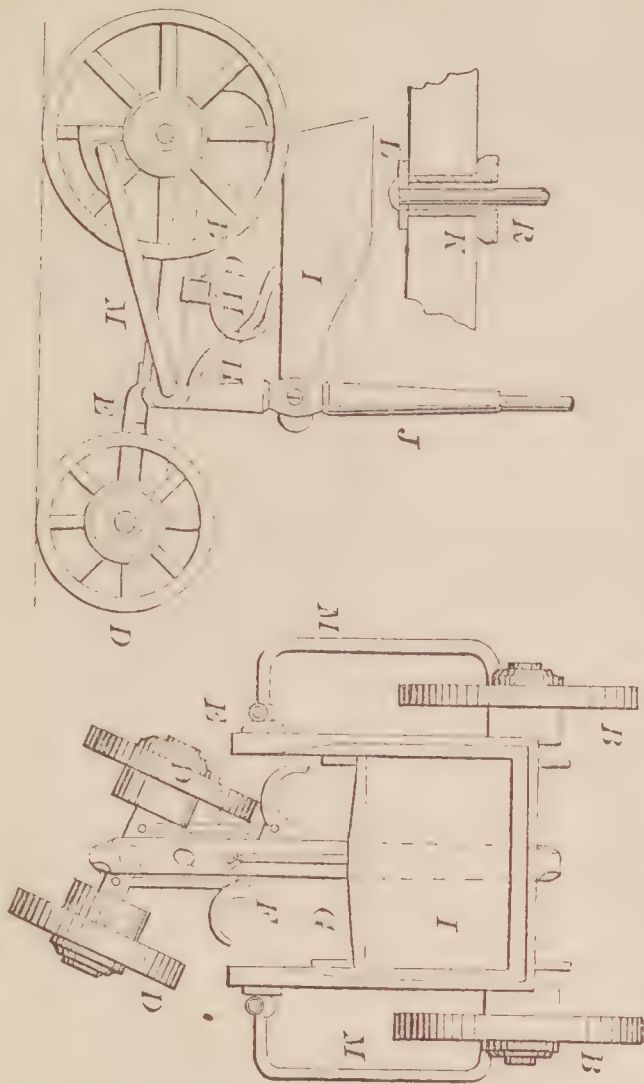
79544—W. Branagan—*Steam Generator.*



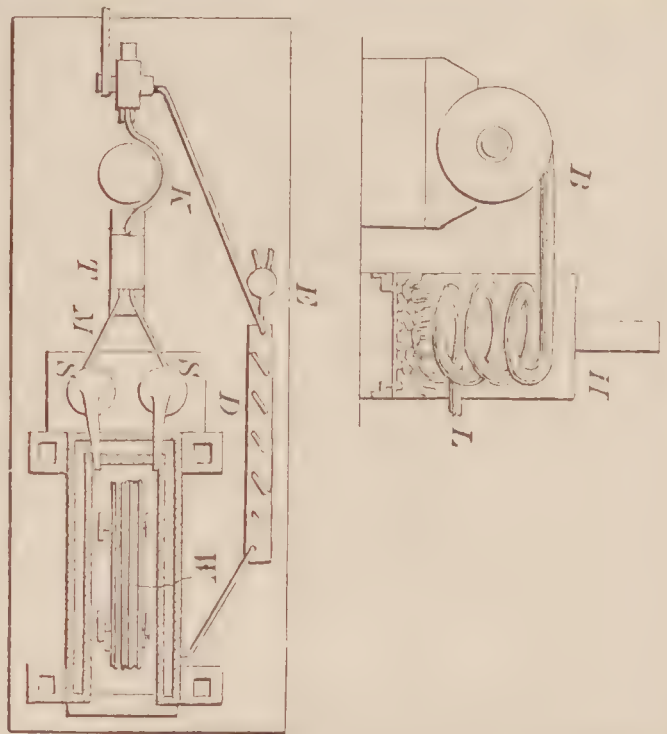


79547—Burgess & Zeigler—*Plow.*79549—Chubbuck & Chadwick—*For Making Tin-Lined Lead Pipe.*79551—J. F. Coddington—*Harvester.*79548—S. E. Chubbuck—*For Making Tin-Lined Lead Pipe.*79550—E. C. Cochrane—*Fastener for Doors.*79552—Mrs. L. A. Collard—*Quilting Frame.*

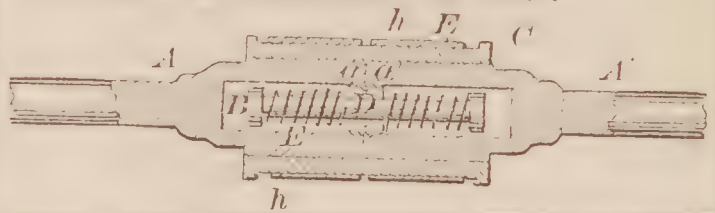
79553—B. P. Crandall—*Velocipede.*



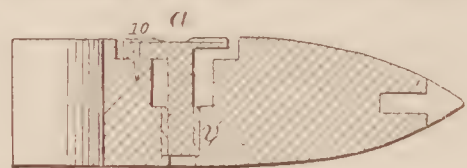
79554—C. M. Cresson—*Preserving Wood.*



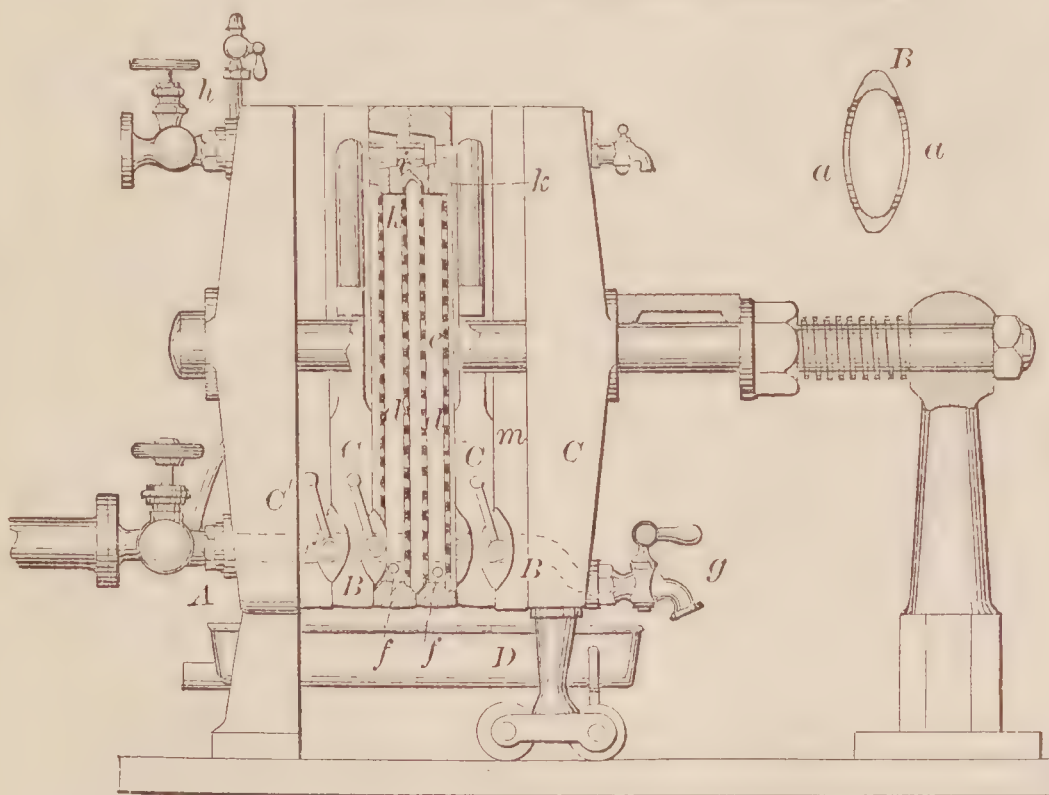
79555—R. Cromelien—*Car Axle.*



79556—Damon & Whitaker—*Shuttle.*

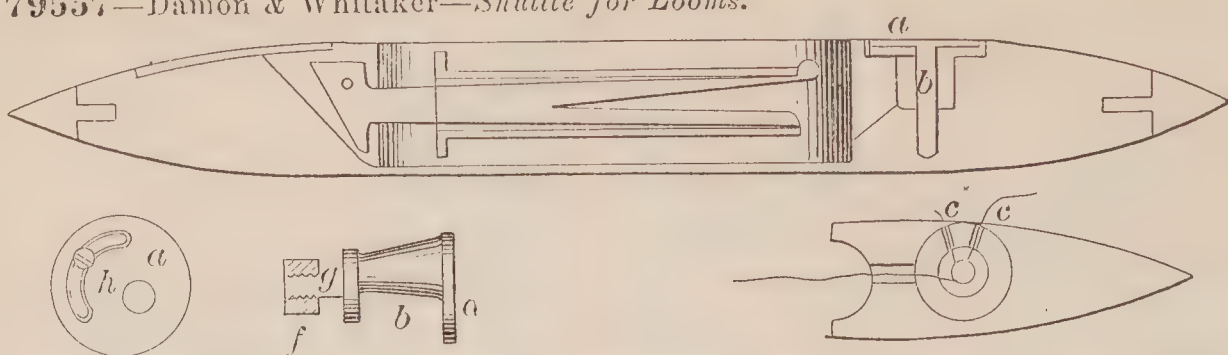


79558—A. L. G. Dehne—*For Filtering and Refining Sugar.*

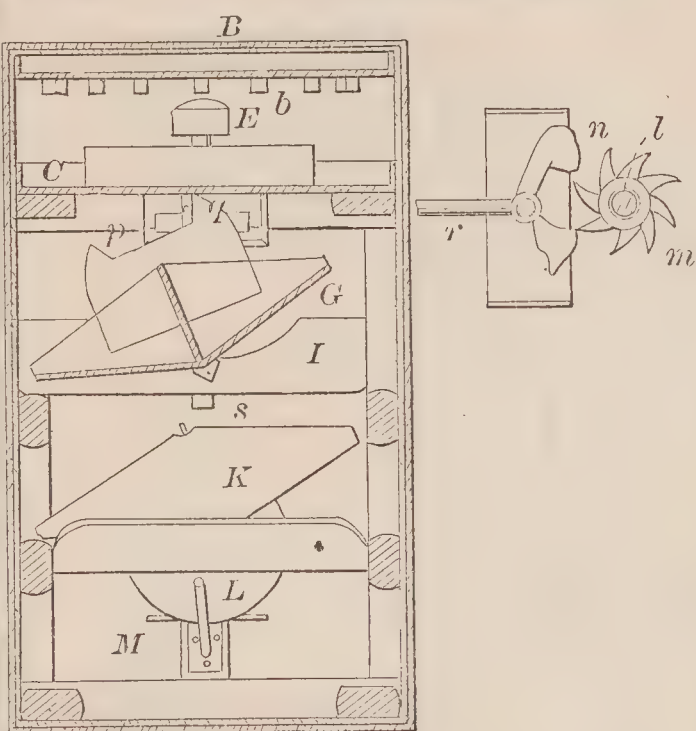
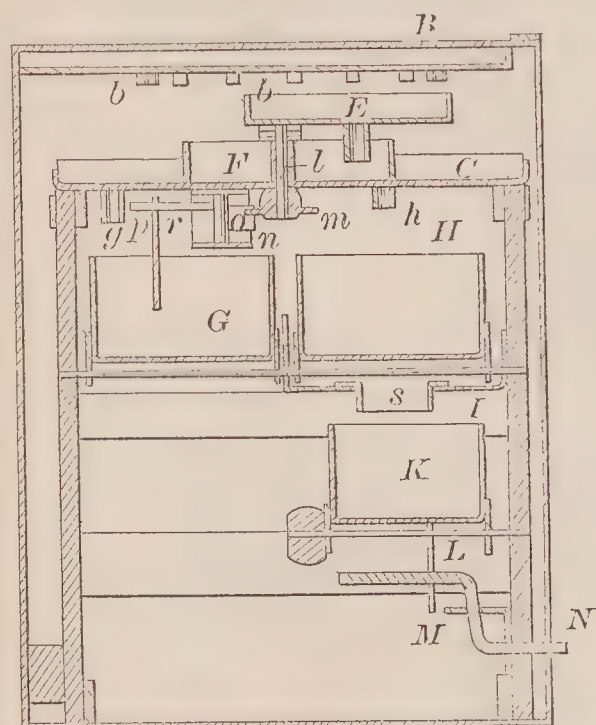
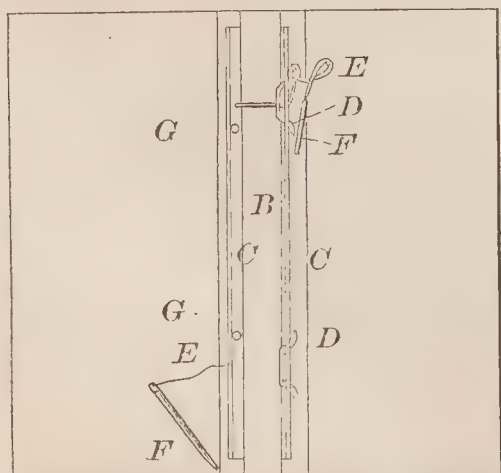
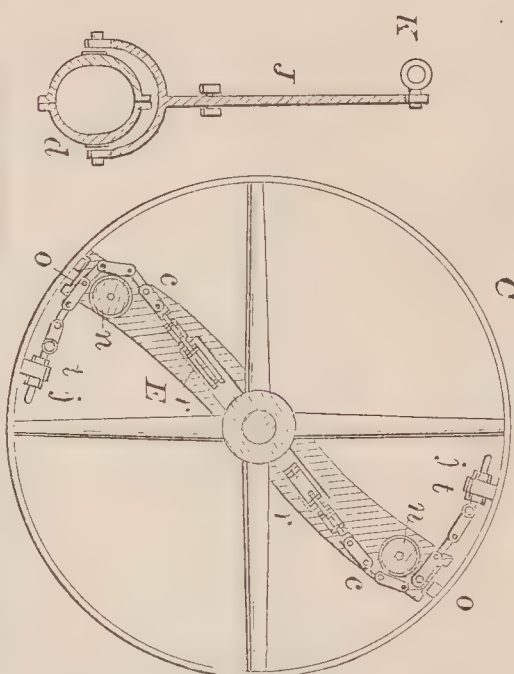
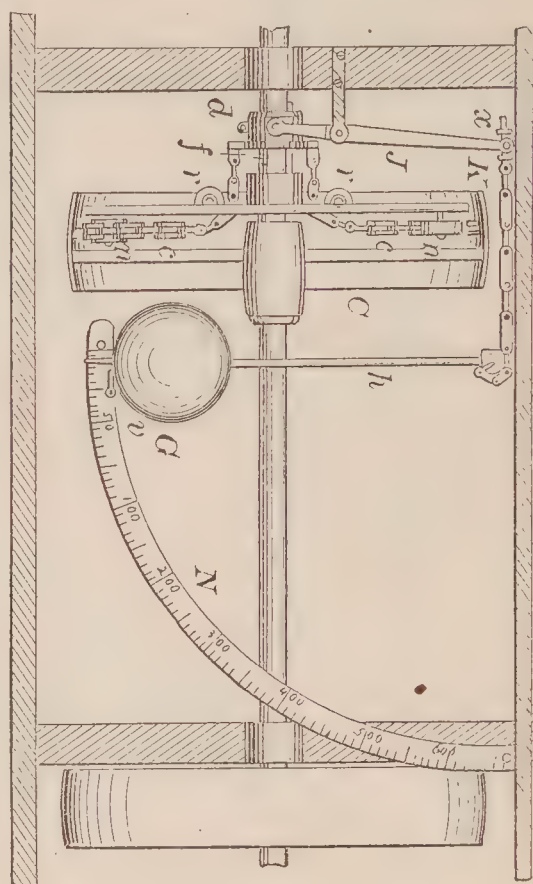




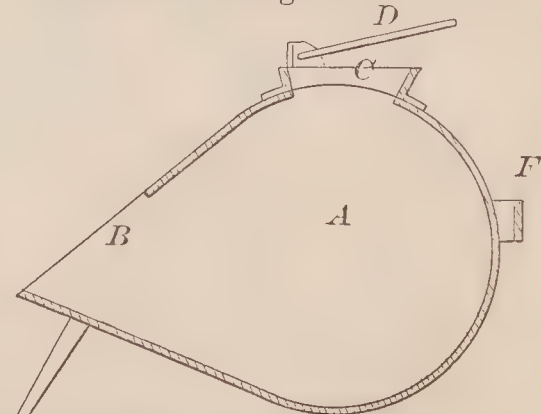
79557—Damon & Whitaker—*Shuttle for Looms.*



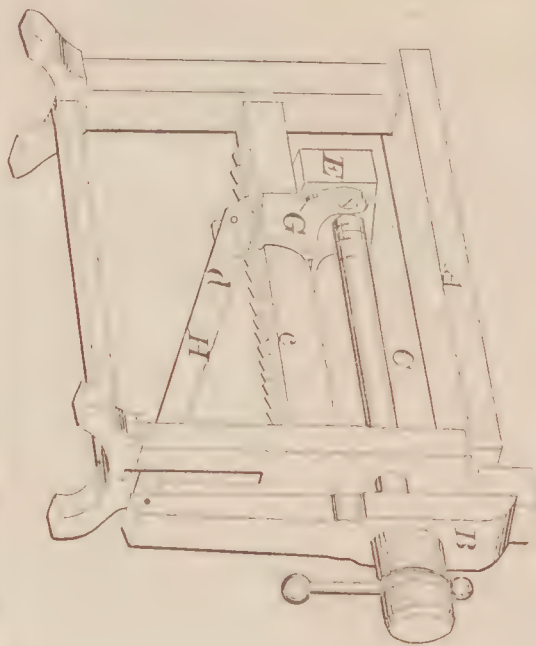
79559.—W. B. Durant—*Water Meter.*

79560—G. W. Emerson—*Temporary Binder.*79561—J. Emerson—*Dynamometer.*

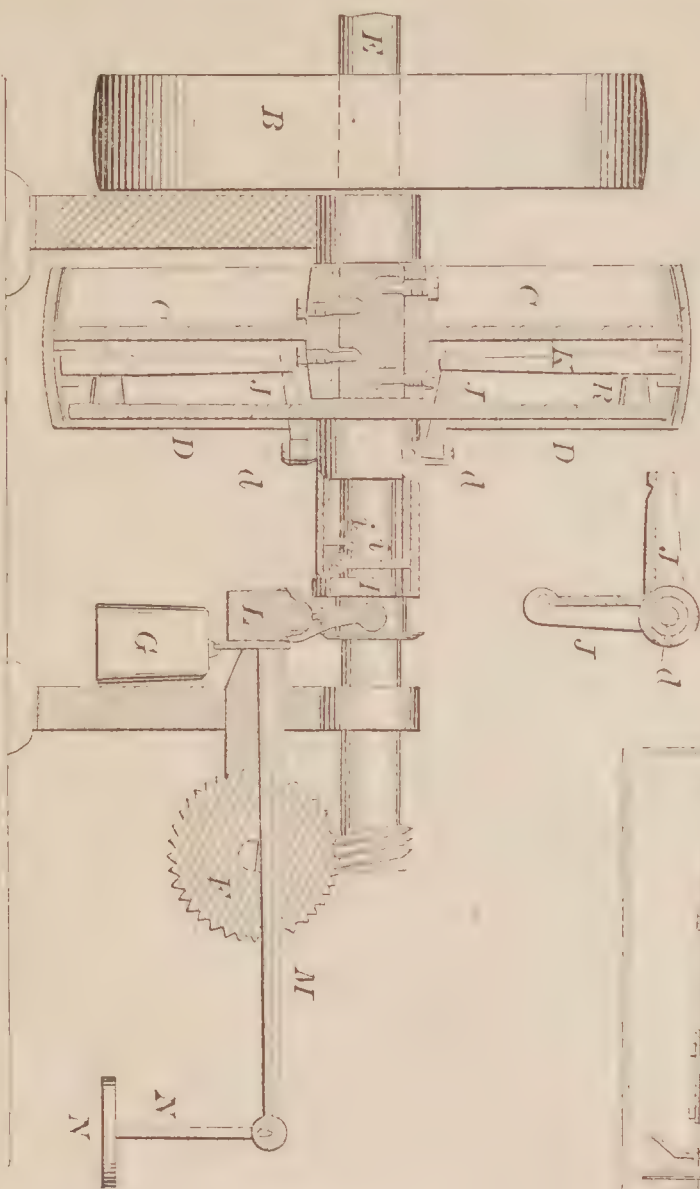
79564—M. G. Fagan—*Coal Hod.*



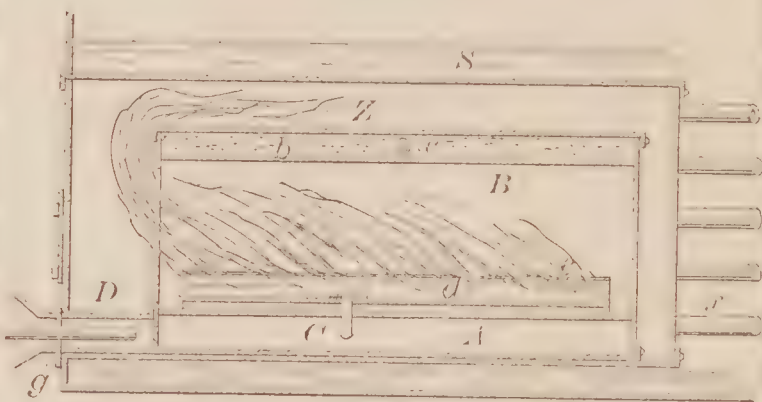
79565—O. V. Flora—Carpenters' Vise.



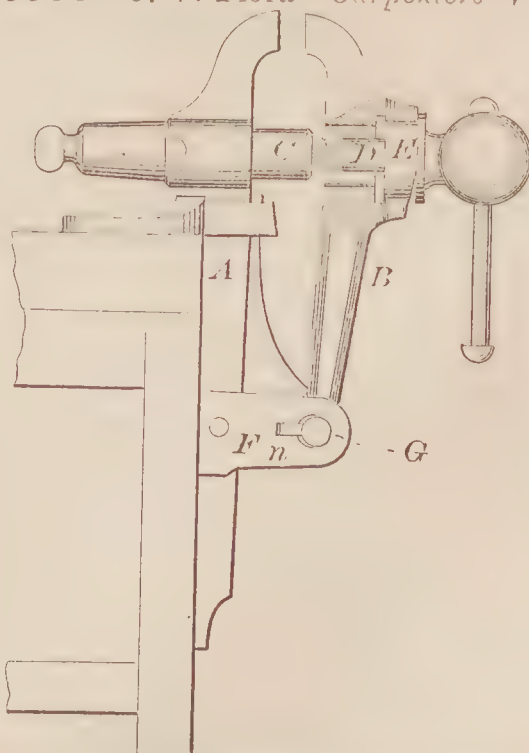
79562—J. Emerson—Hygrometer.



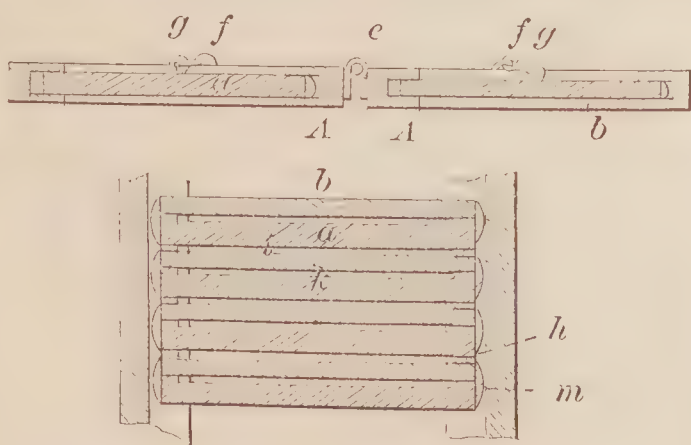
79563—H. Everett—Hydro-Carbon Burner.



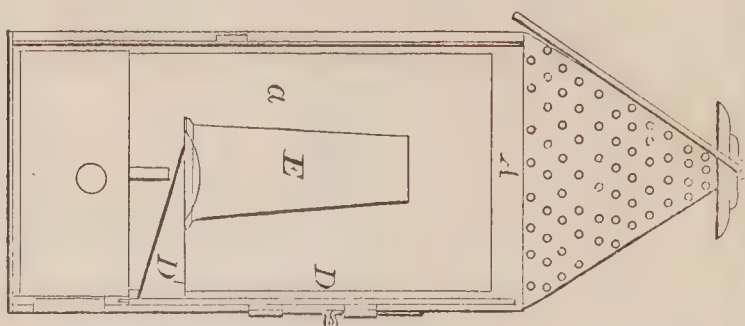
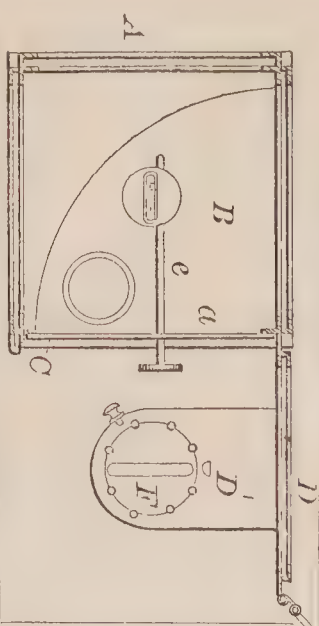
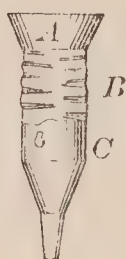
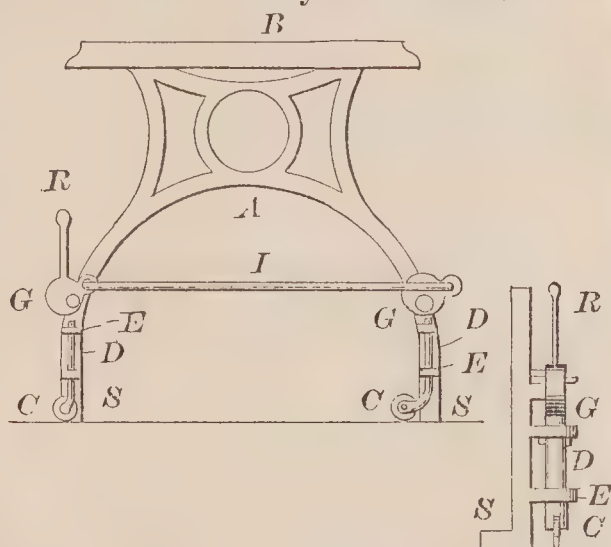
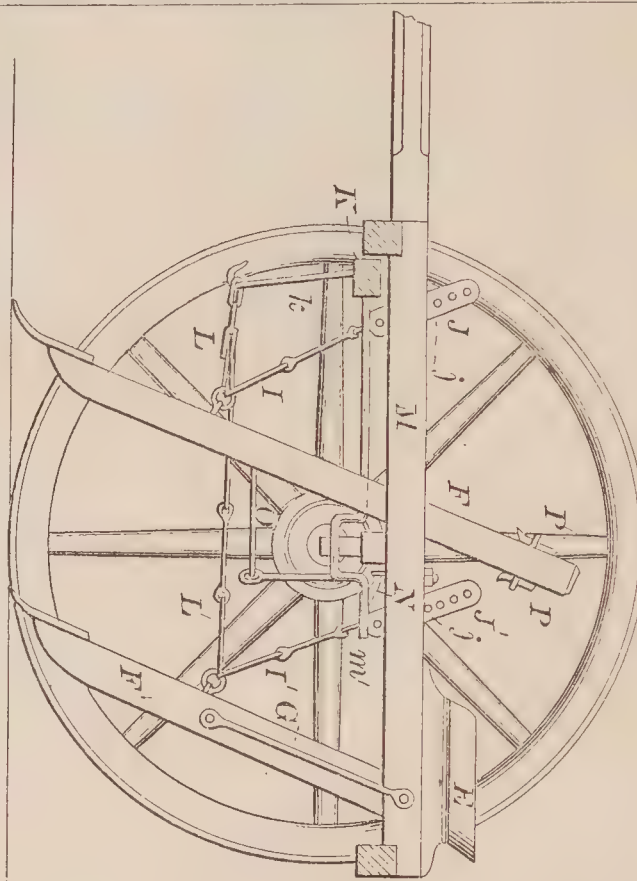
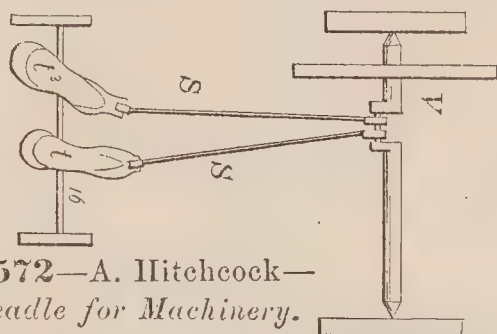
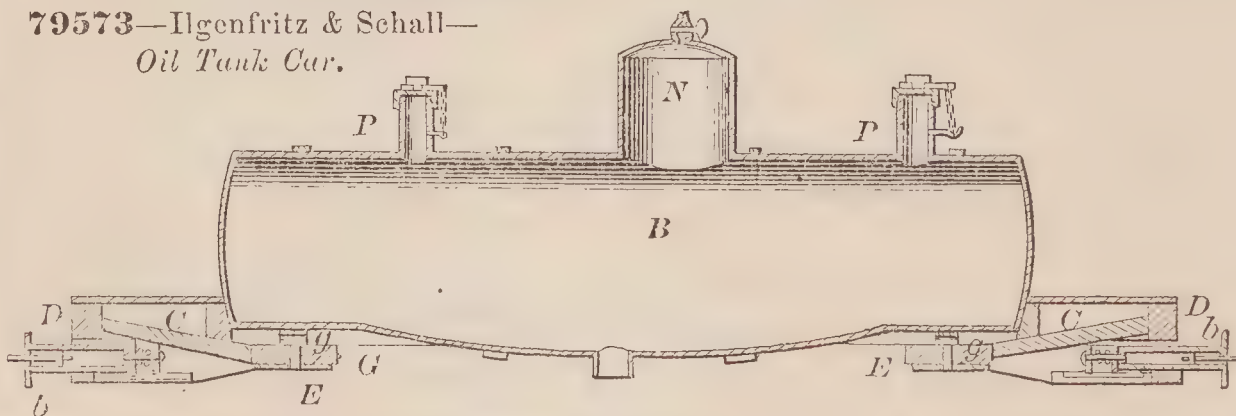
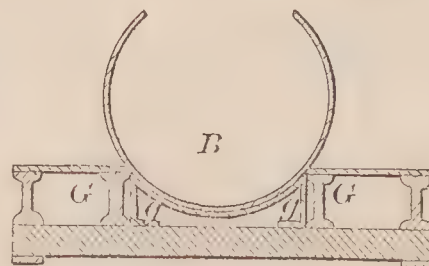
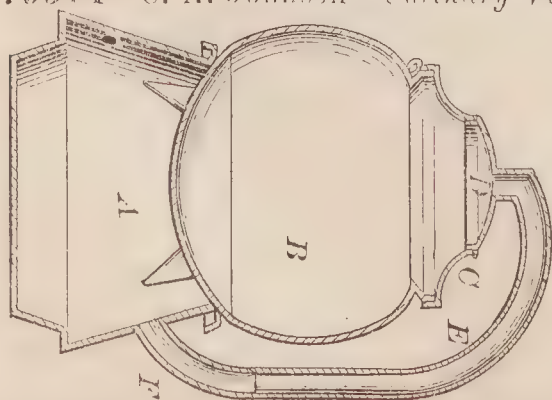
79566—O. V. Flora—Carpenters' Vise.



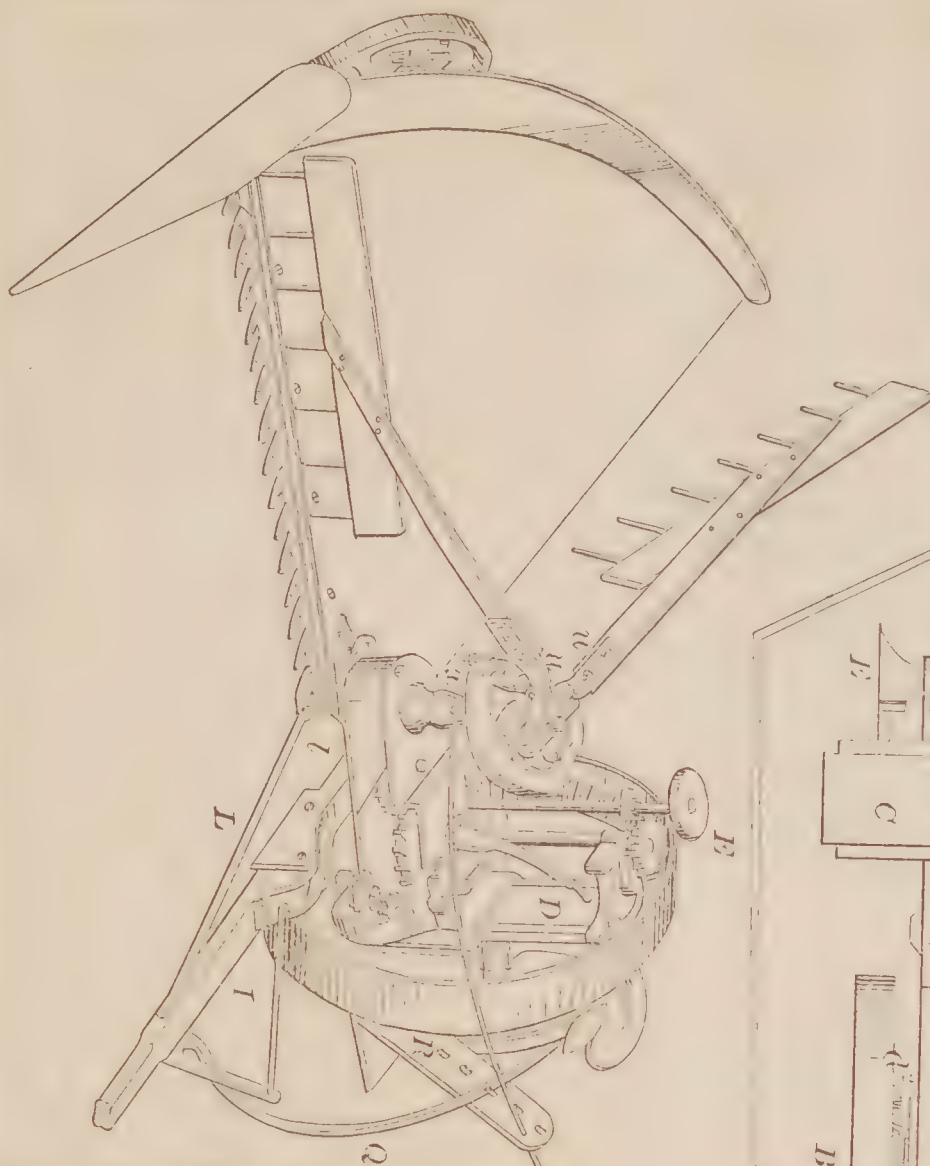
79567—A. C. Garratt—Galvanic Battery.



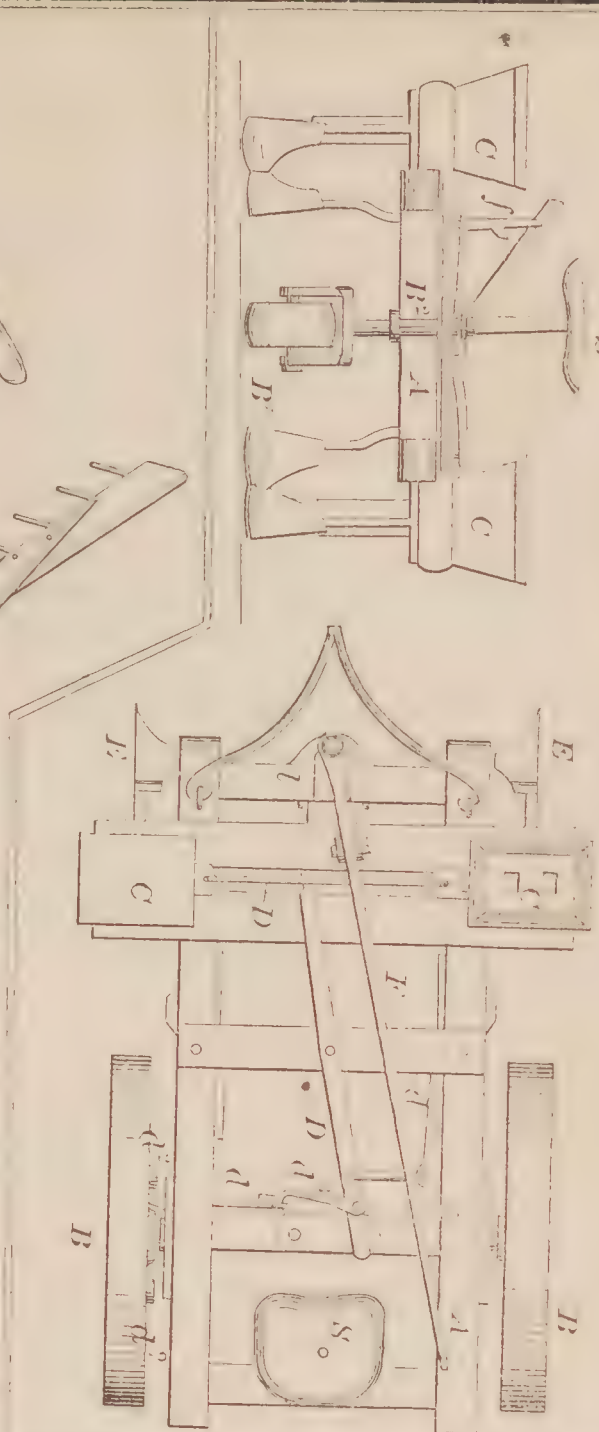


79569—E. J. Hale—*Lantern.*79568—B. F. Graves—*Teat Cup for Milking.*79571—Hewitt & Lynch—*Caster.*79570—W. Harvey—*Sulky Cultivator.*79572—A. Hitchcock—*Treadle for Machinery.*79573—Ilgenfritz & Schall—*Oil Tank Car.*79574—C. A. Johnson—*Culinary Vessel.*

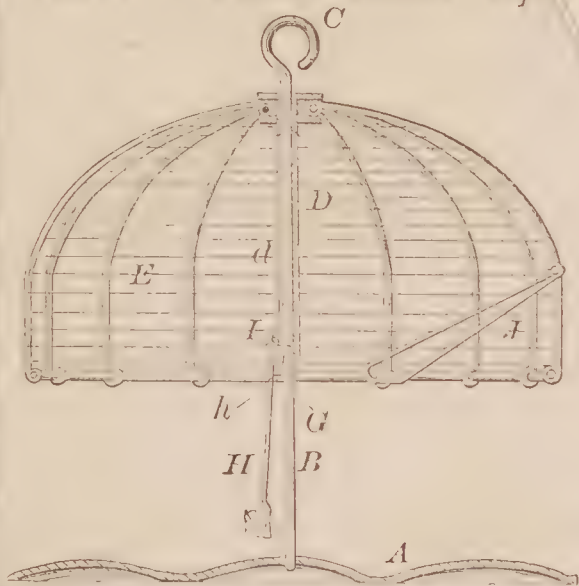
79575—S. Johnston—Harvester.



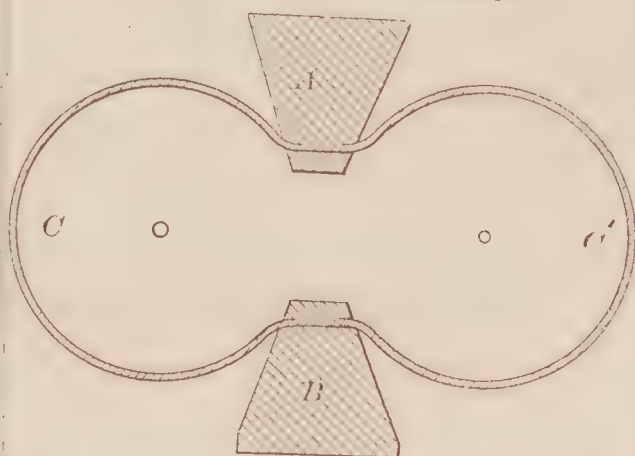
79576—Kenny & See—Corn Planter.



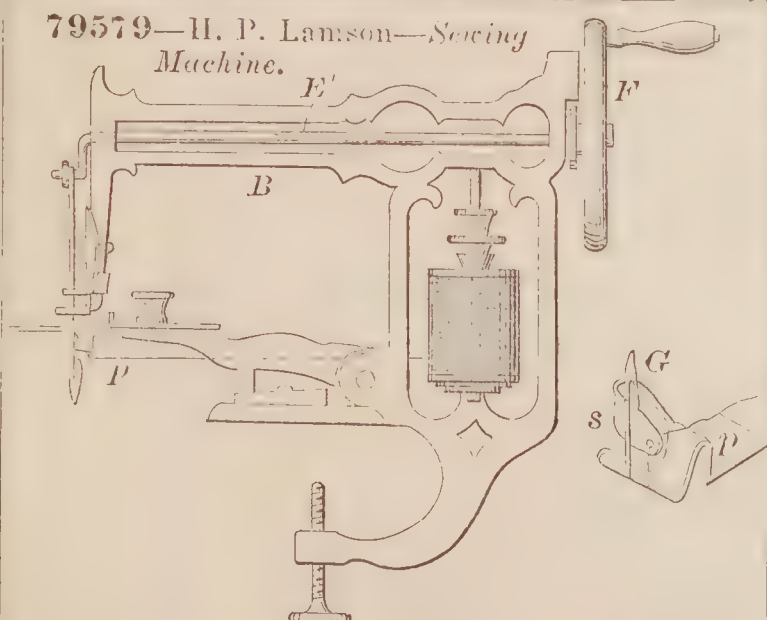
79577—J. Kohler—Animal Tray.



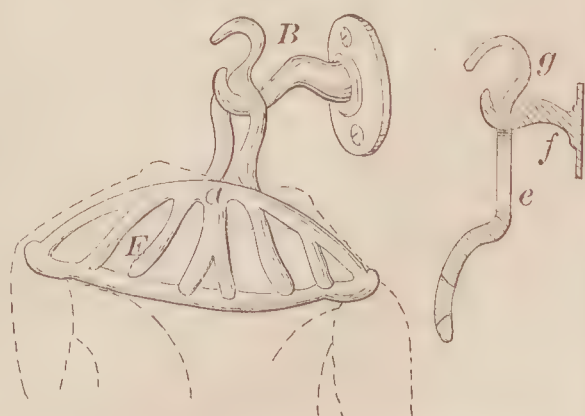
79578—W. Kroeger—Spring.



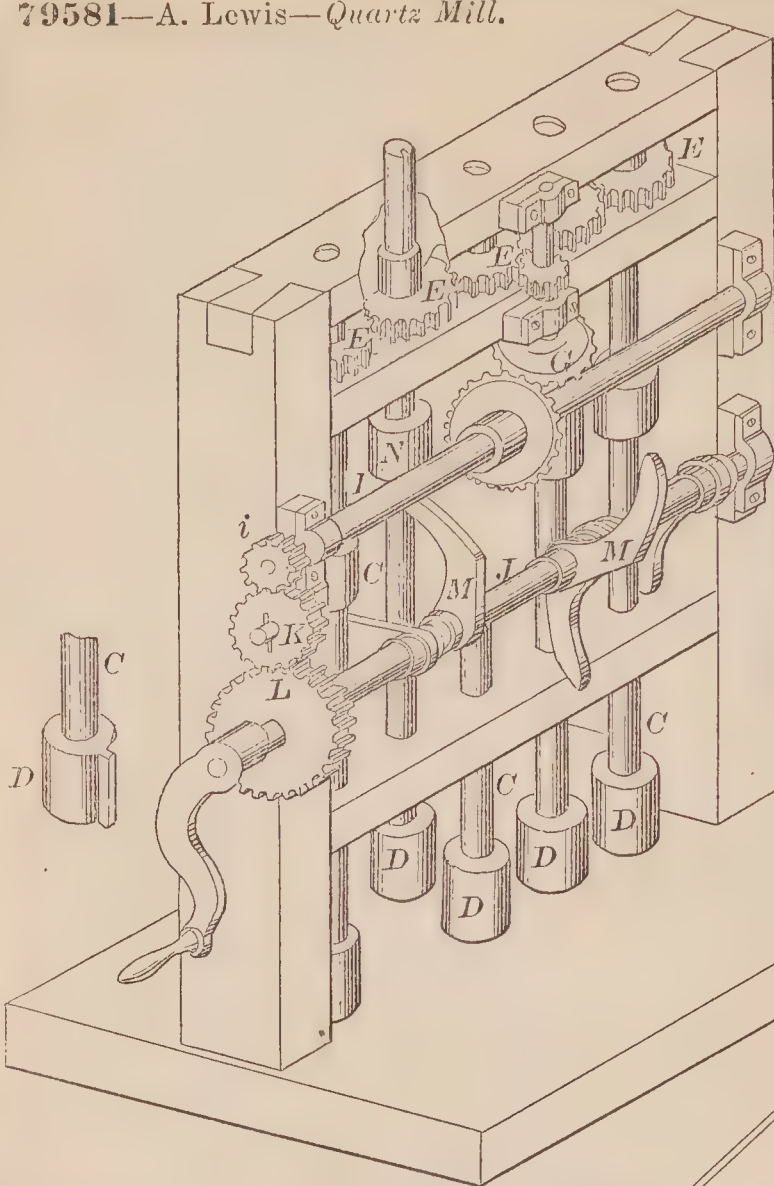
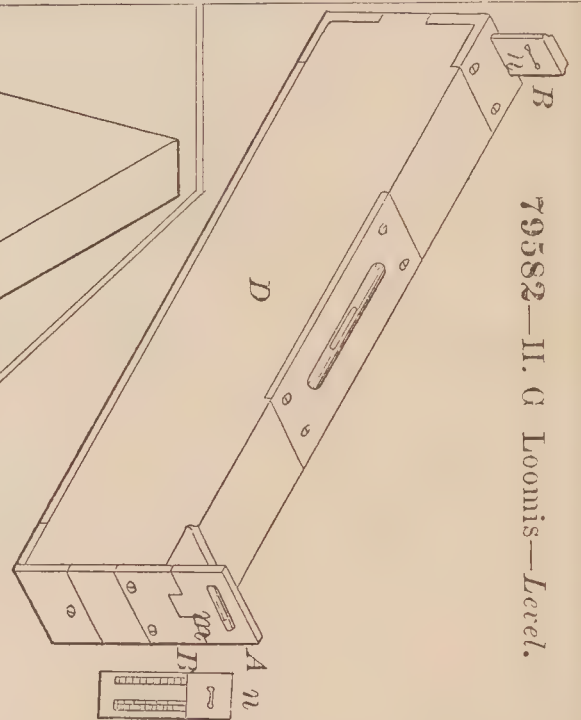
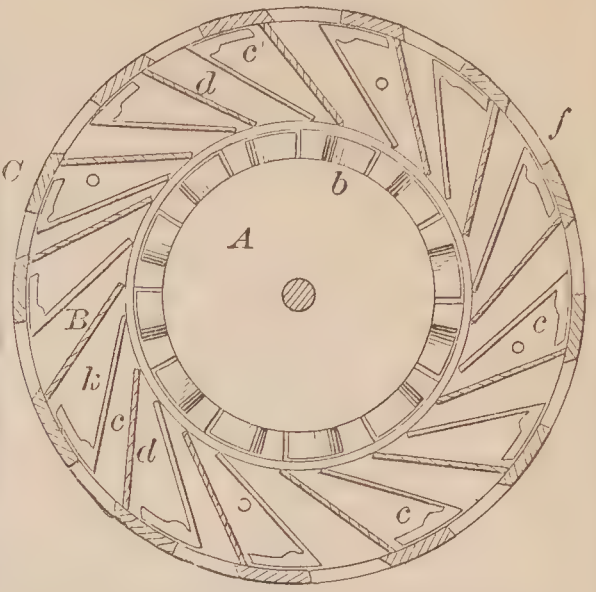
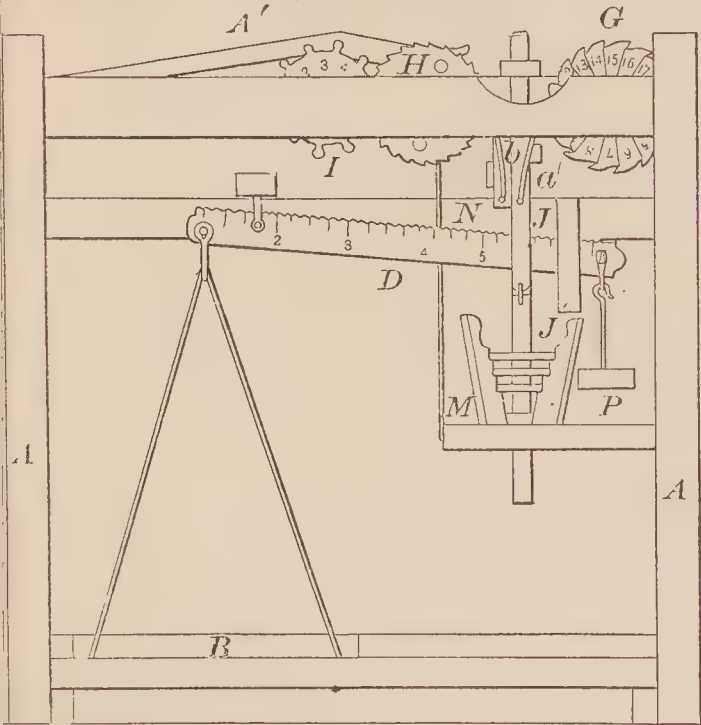
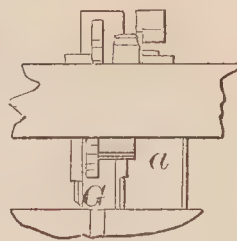
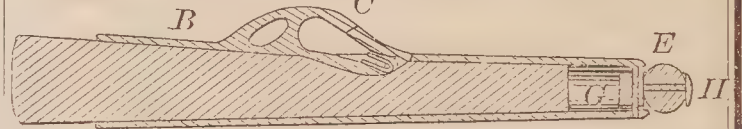
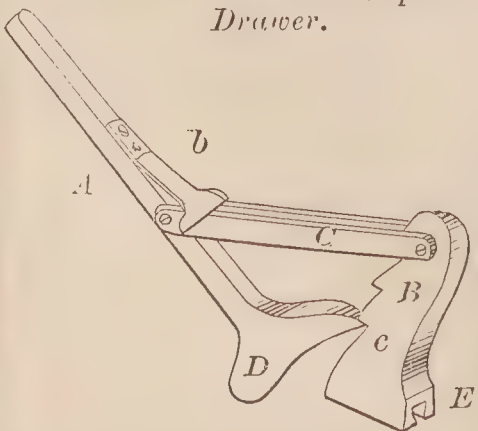
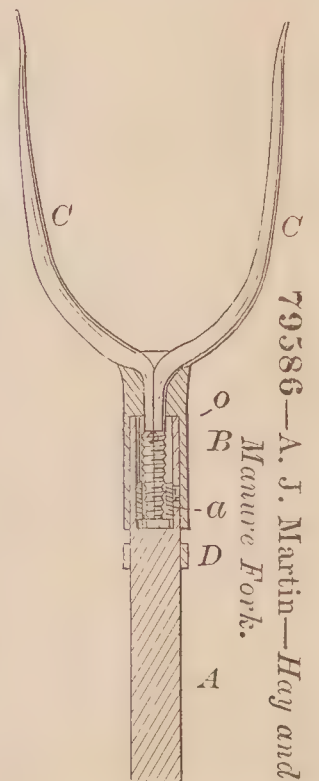
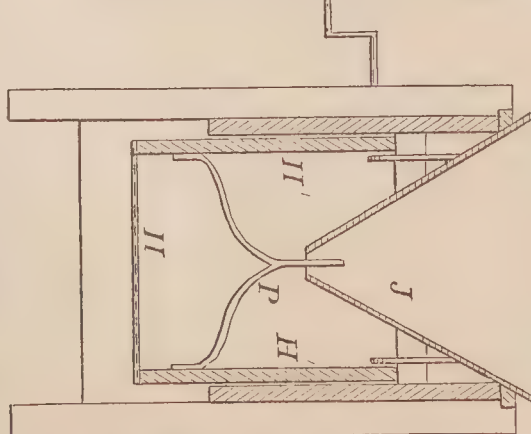
79579—H. P. Lamson—Sewing Machine.



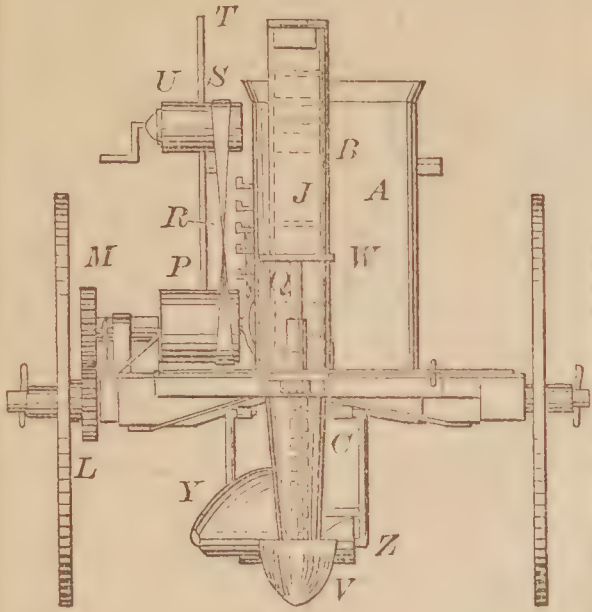
79580—Leach & Wardwell—Cut Suspender.



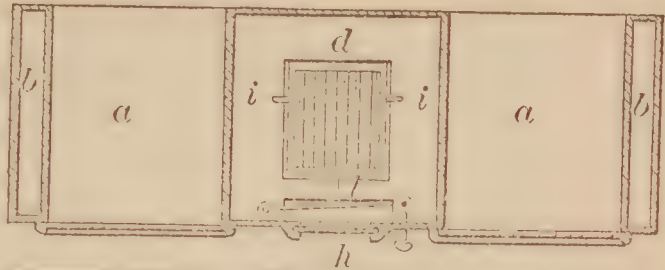


79581—A. Lewis—*Quartz Mill.*79585—S. W. Marsh—*Water Wheel.*79582—H. G. Loomis—*Level.*79583—C. C. Lyman—*Scales.*79584—Madison & Thomas—*Wagon Pole.*79587—I. W. Mead—*Spike Drawer.*79589—G. Mohler—*Sieve.*79586—A. J. Martin—*Hay and Manure Fork.*

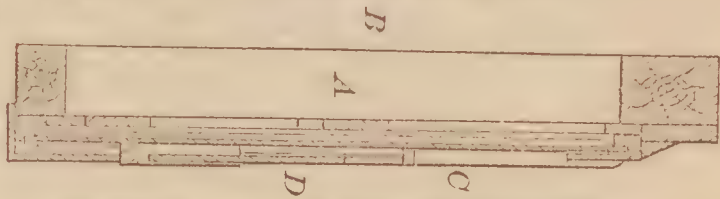
79588—H. Mitchell—*Corn Planter.*



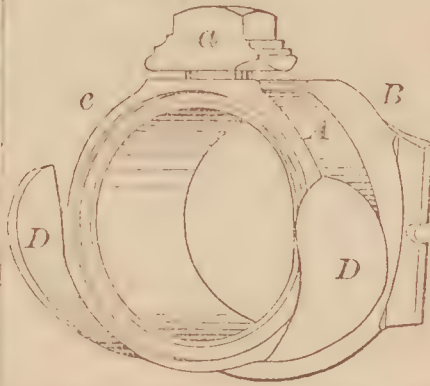
79590—Moneuse & Duparquet—*Stove Grate.*



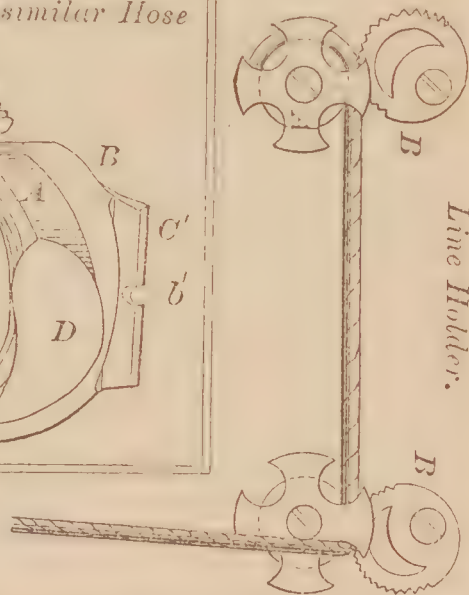
79591—G. W. Neill—*Piano Forte.*



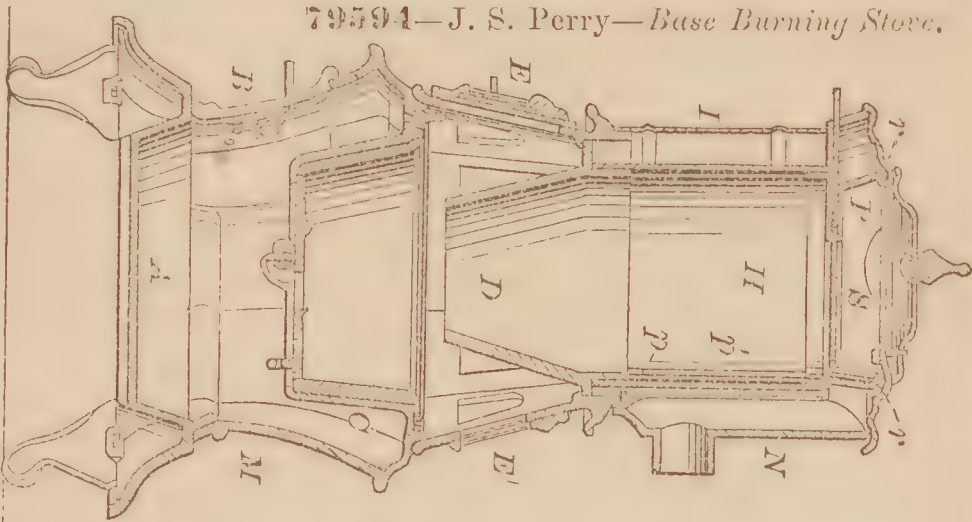
79592—W. H. Paige—*For Connecting Dissimilar Hose Couplings.*



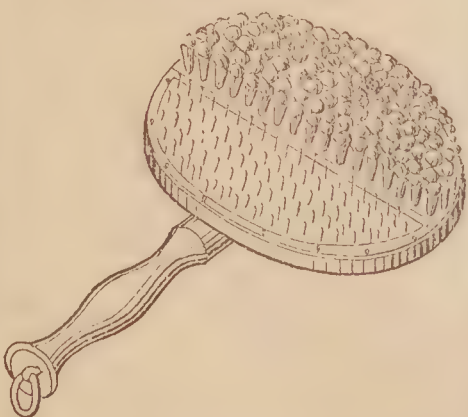
79593—Perkins & Richards—*Clothes Line Holder.*



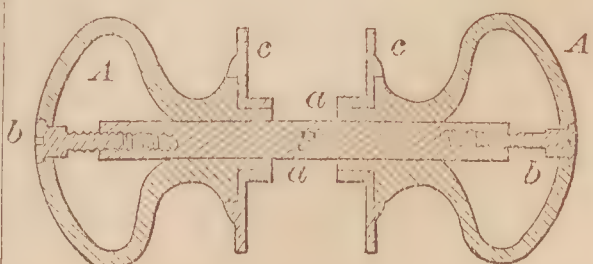
79594—J. S. Perry—*Base Burning Stove.*



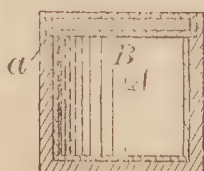
79596—W. H. Prouty—*Card and Brush.*



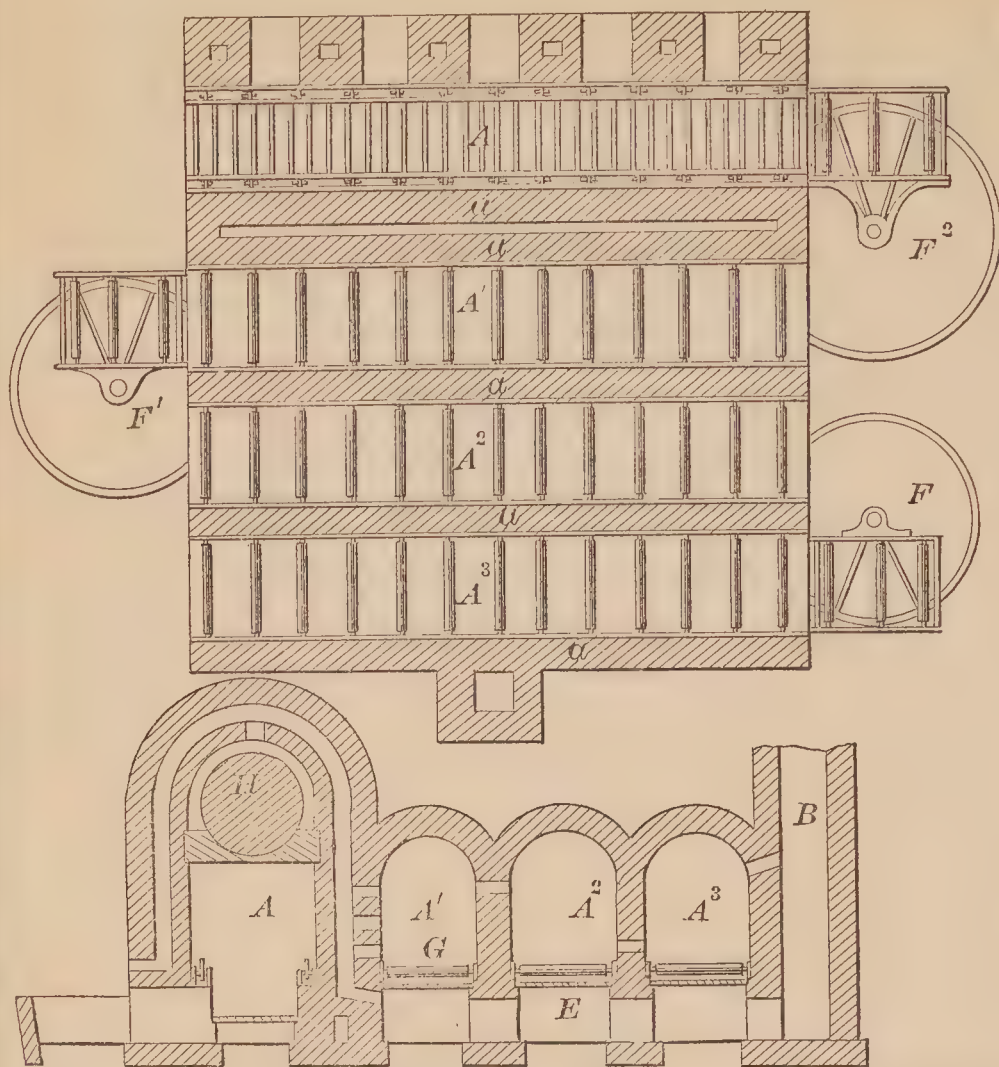
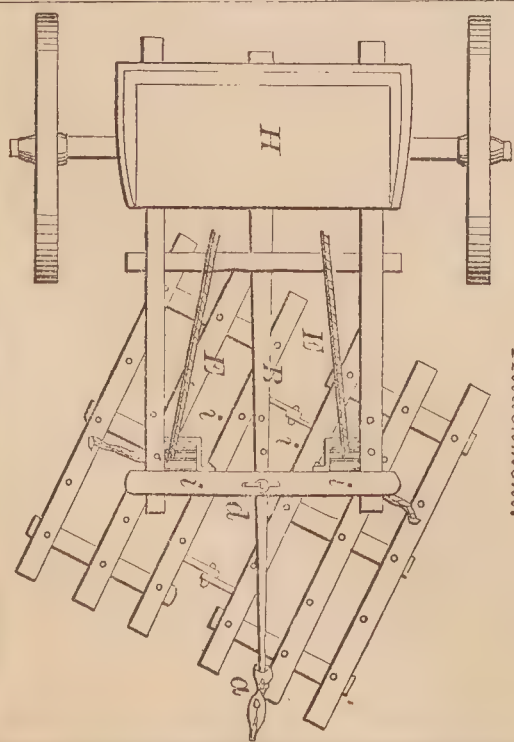
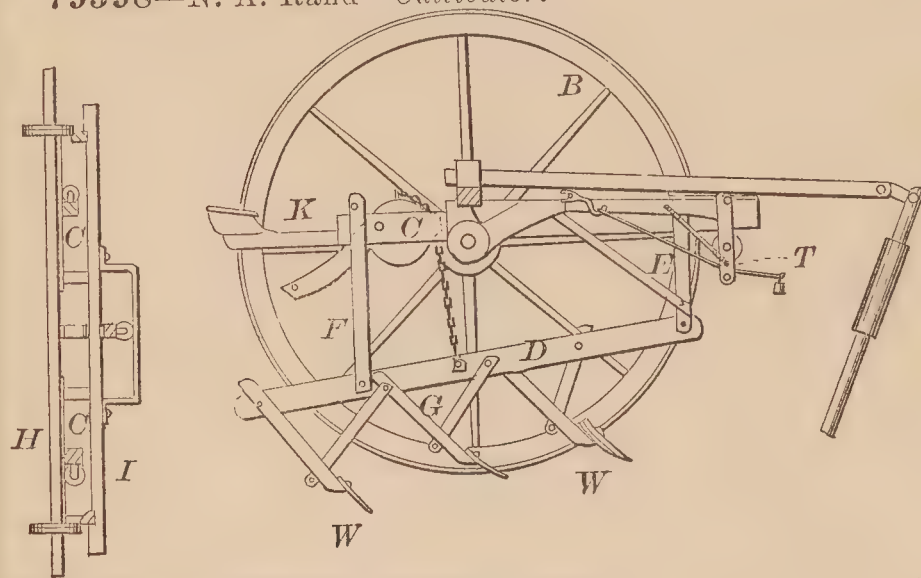
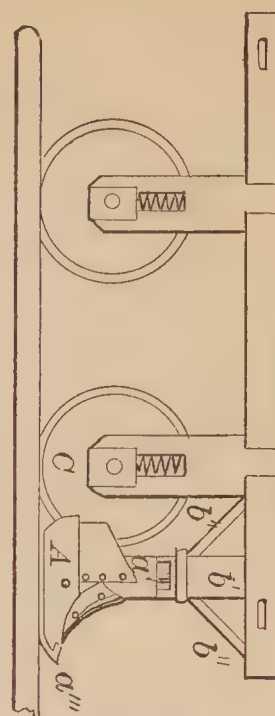
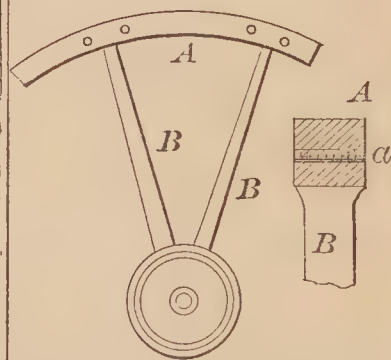
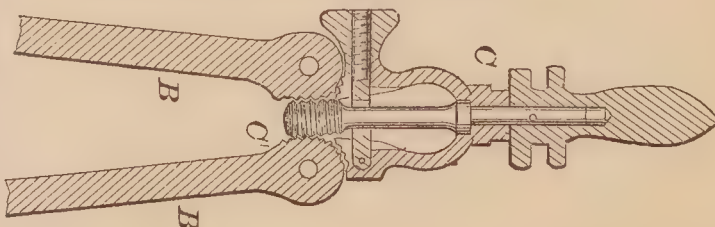
79597—S. S. Putnam—*Attaching Door Knobs to Spindles.*



79598—J. Peakint—*Putting up Alcohol.*

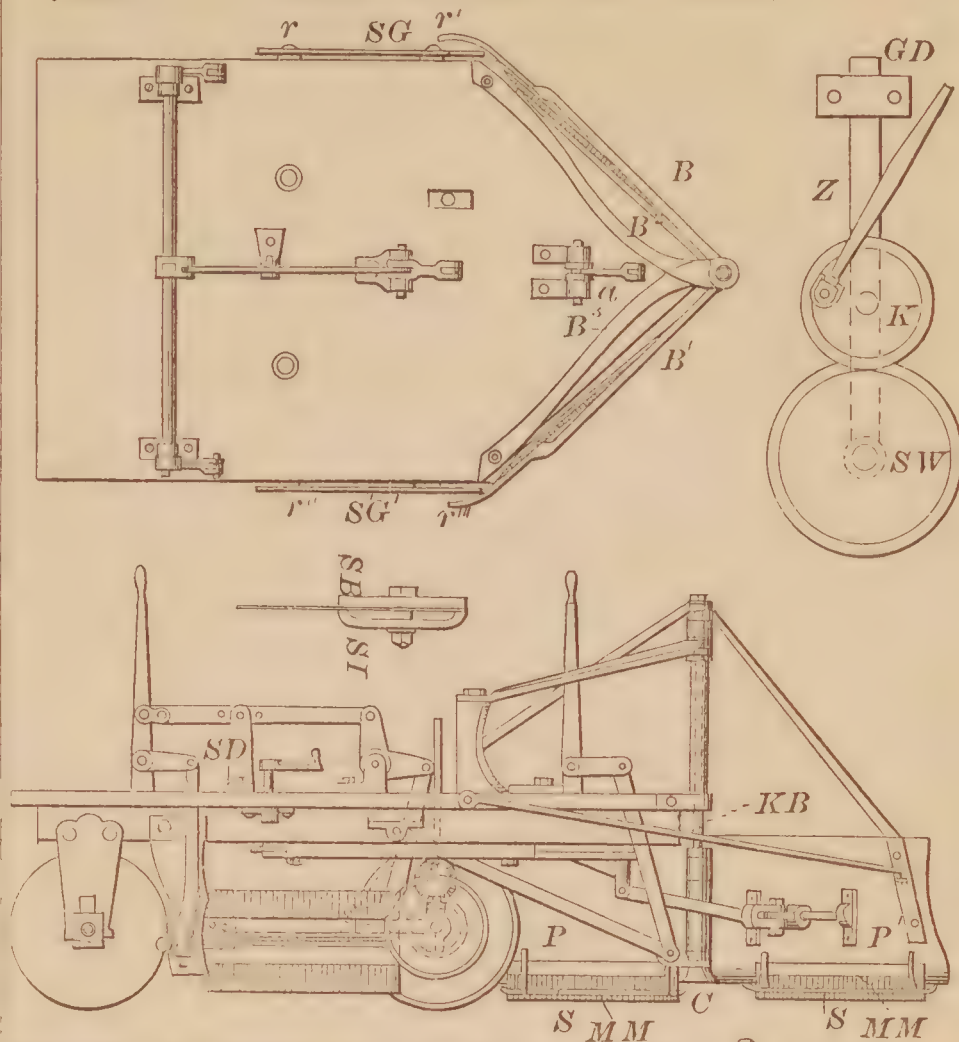




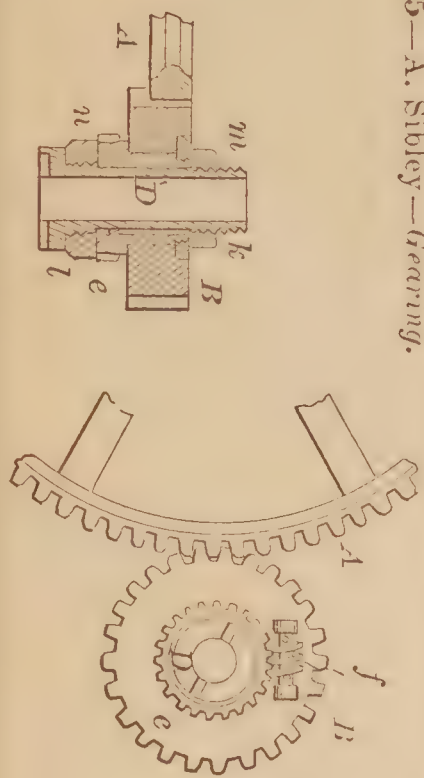
79595—F. Power—*Brick Kiln.*79598—N. A. Rand—*Cultivator.*79604—A. D. Shaver—*Harrow Riding Attachment.*79600—C. F. Riley—*Railroad Track Cleaner.*79601—F. O. Rogers—*Preserving Composition Roofs.*79602—T. Salorgne—*Wagon Wheel.*79603—S. Sawyer—*Calipers.*



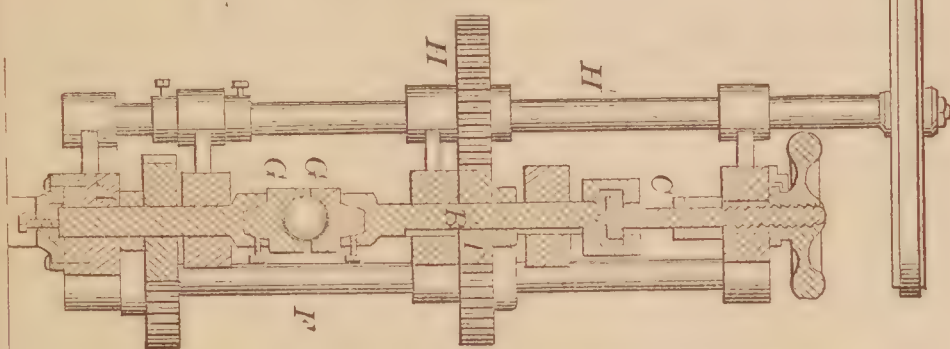
79606—R. A. Smith—*Railroad Track Clearer.*



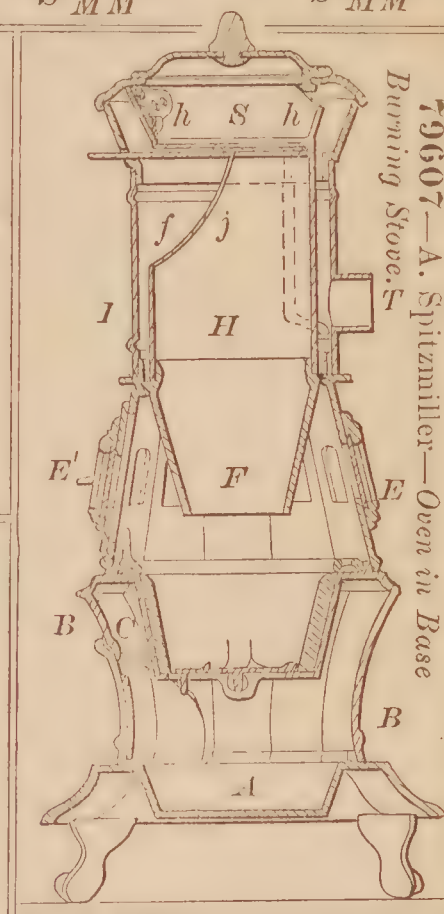
79605—A. Sibley—*Gearing.*



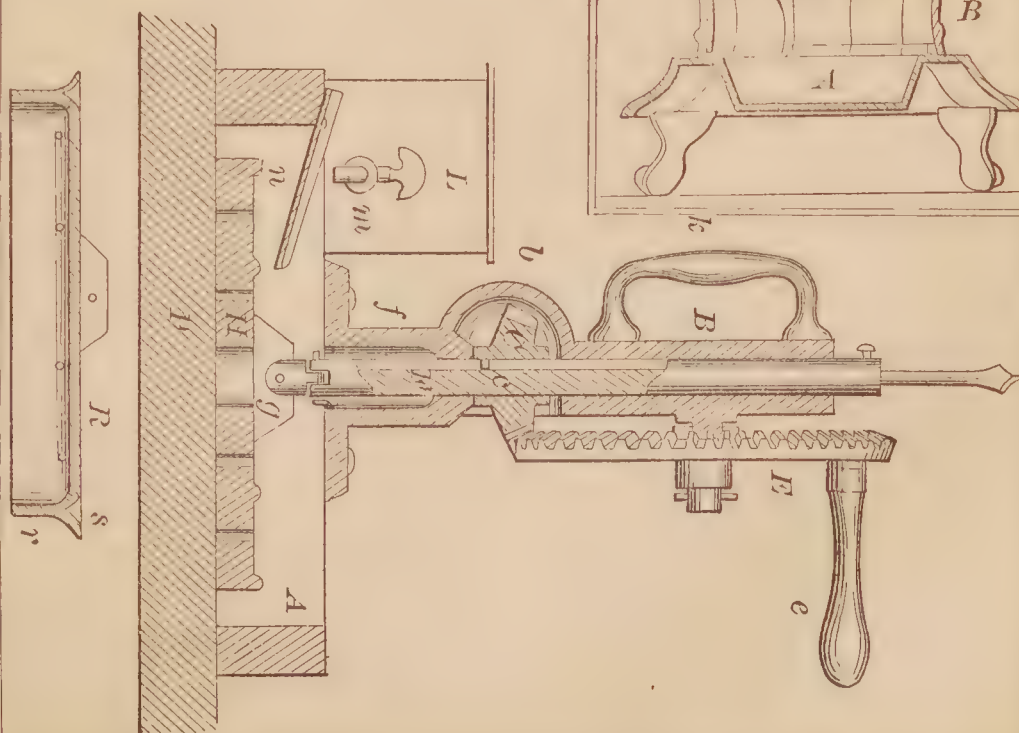
79610—J. B. Tarr—*For Polishing Spherical Shot and Shell.*



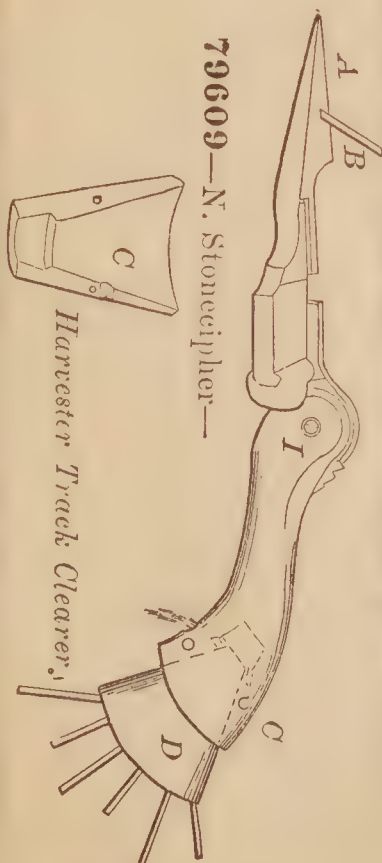
79607—A. Spitzmiller—*Oven in Base Burning Stove.*



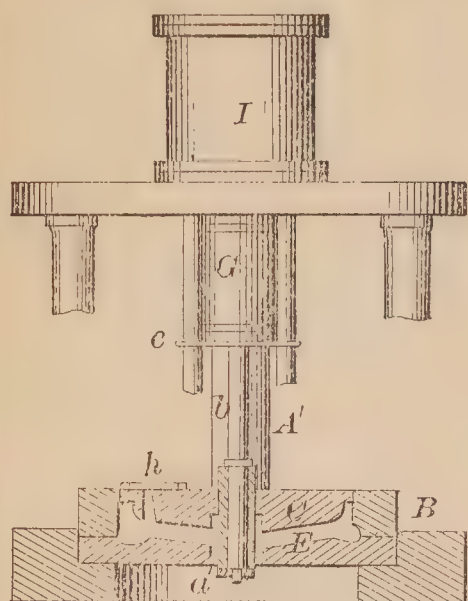
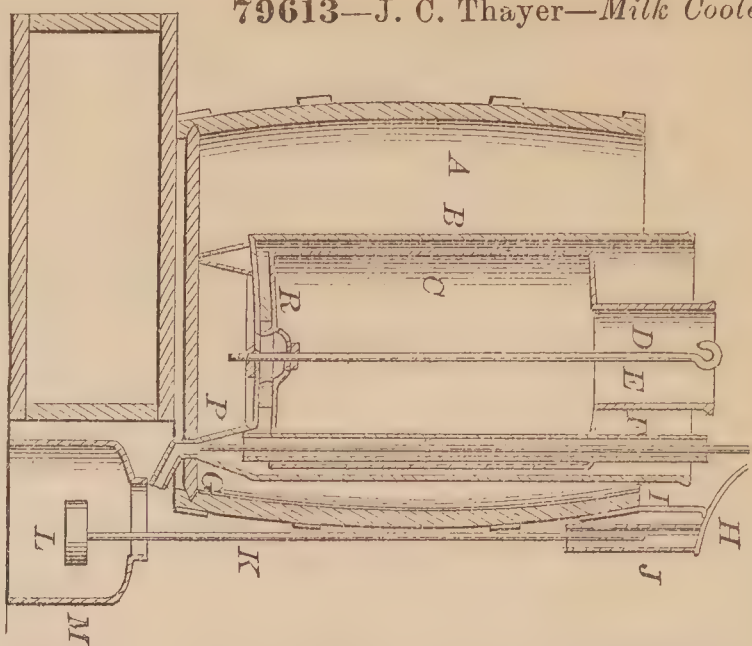
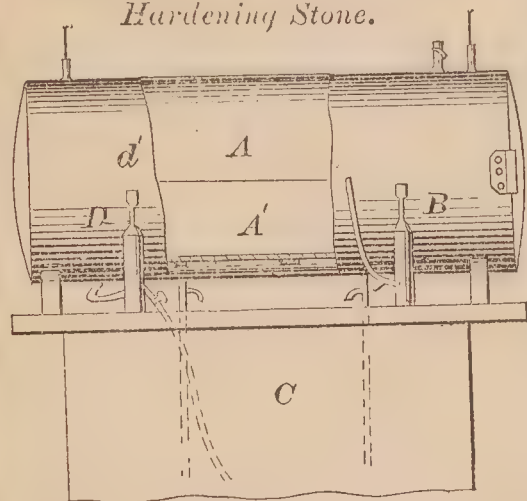
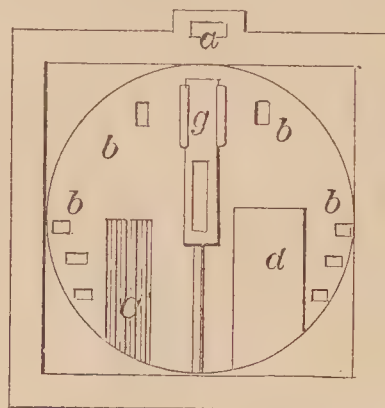
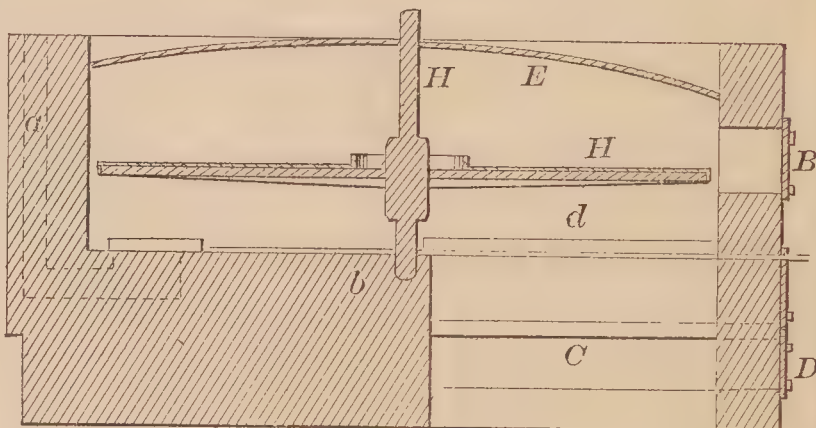
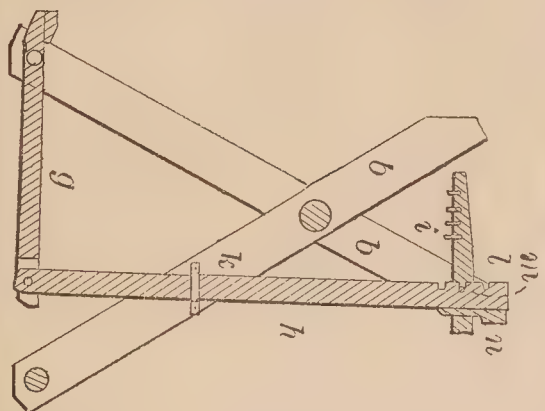
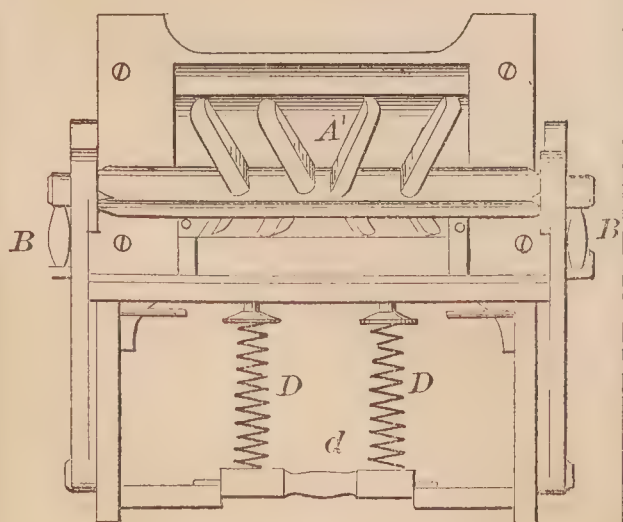
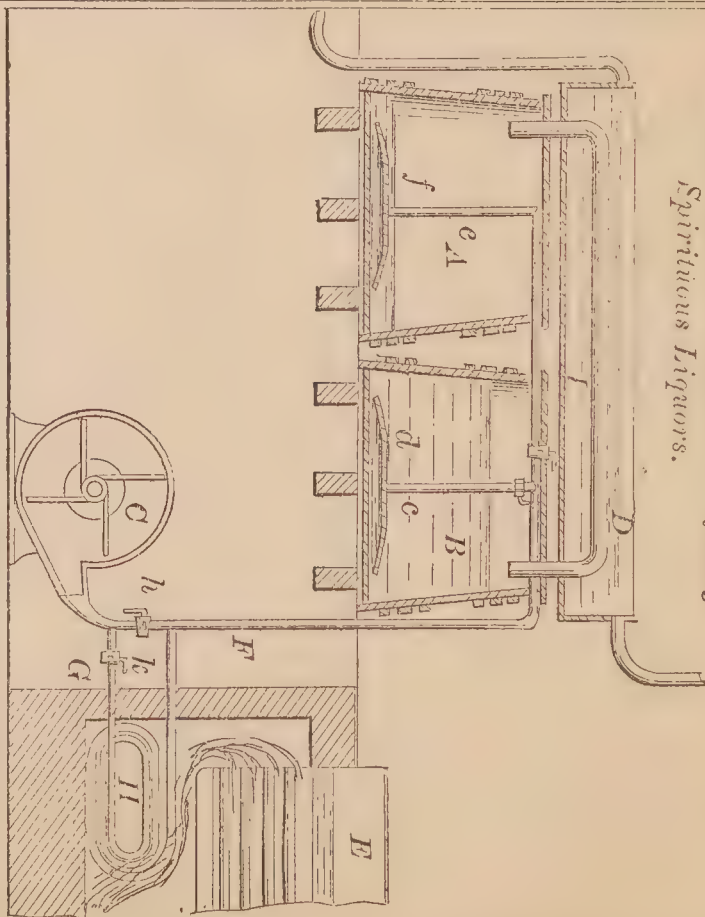
79608—S. Stanton—*For Sawing Stone.*

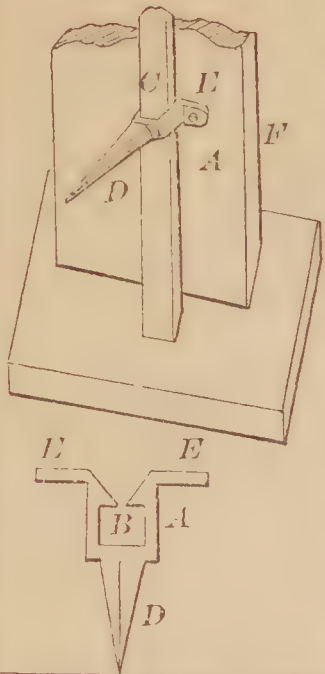


79609—N. Stonecipher—



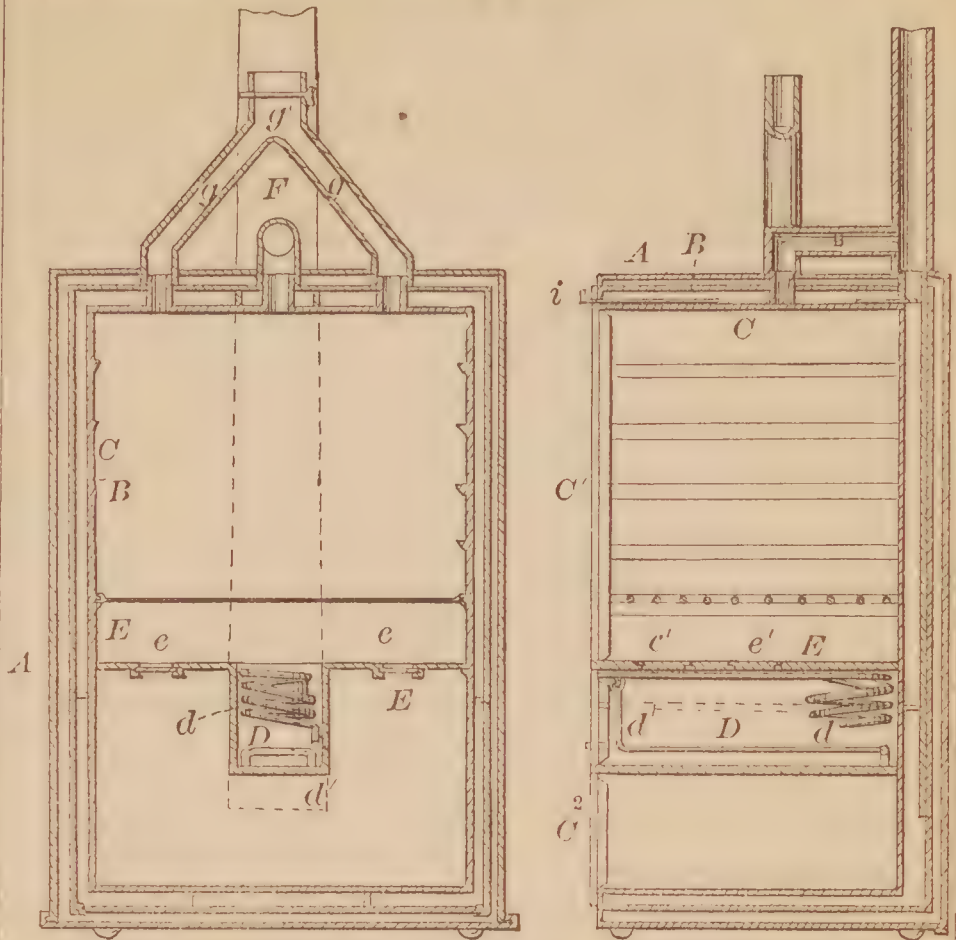


79611—J. B. Tarr—*Car Wheel.*79613—J. C. Thayer—*Milk Cooler.*79612—E. P. Taylor—*For Hardening Stone.*79615—J. Vale—*Oven.*79614—W. Tripp—*Saw Horse.*79617—L. T. Wells—*Printing Press.*79616—W. P. Valentine—*Refining Spirituous Liquors.*

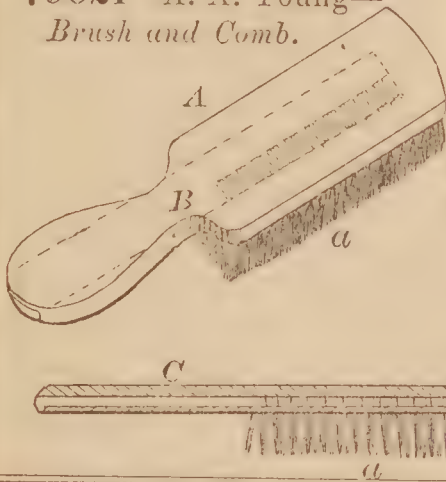


79618—M. Wells—Bracket for Lightning Rods.

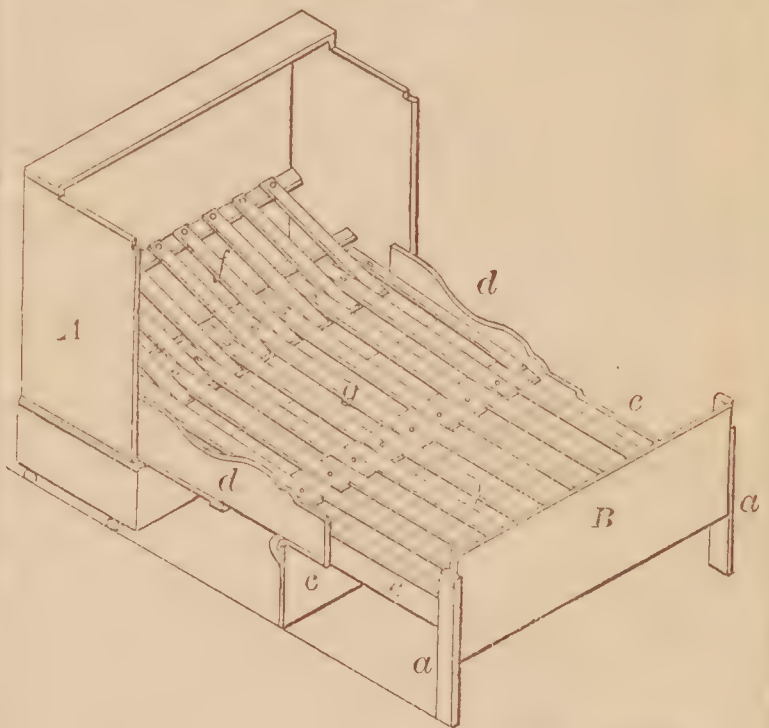
79619—M. Woolley—Cooking Stove.



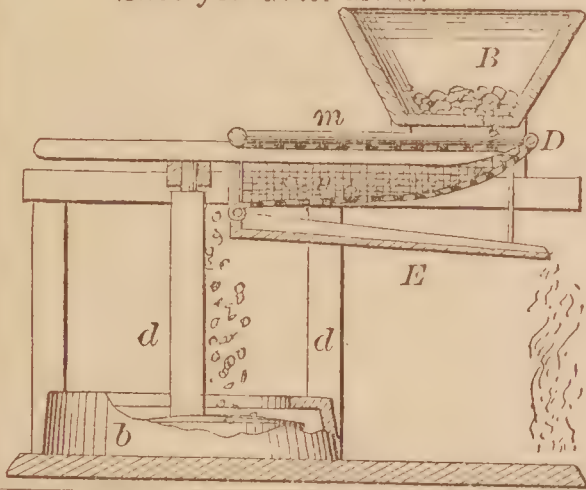
79621—A. A. Young—Brush and Comb.



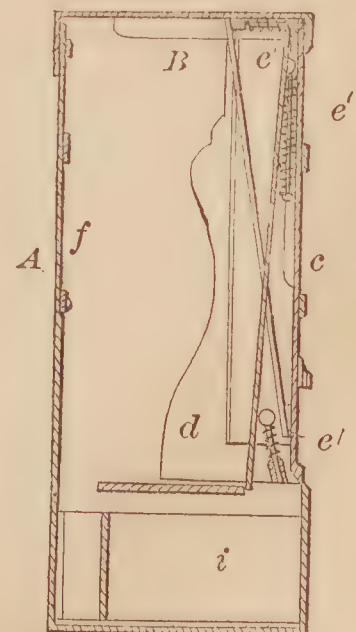
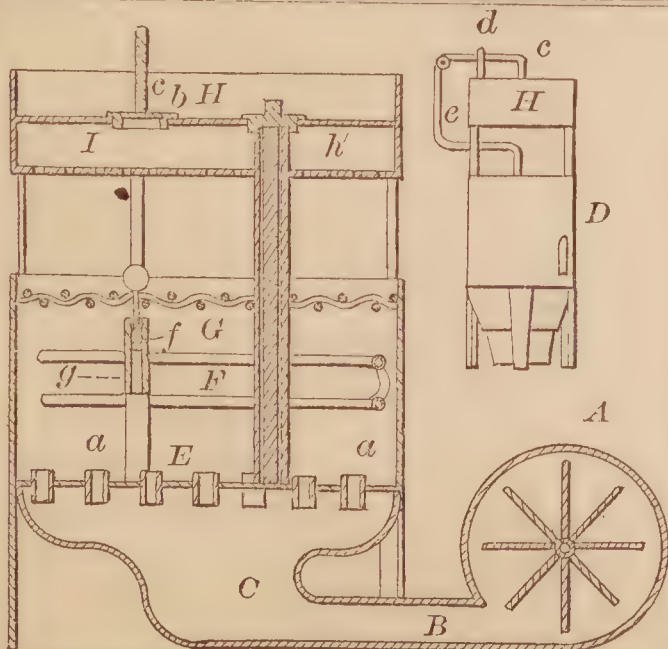
79622—W. H. & L. Young—Cabinet Bedstead.



79620—Wyche & Dickson—Hopper Shoe for Grist Mills.

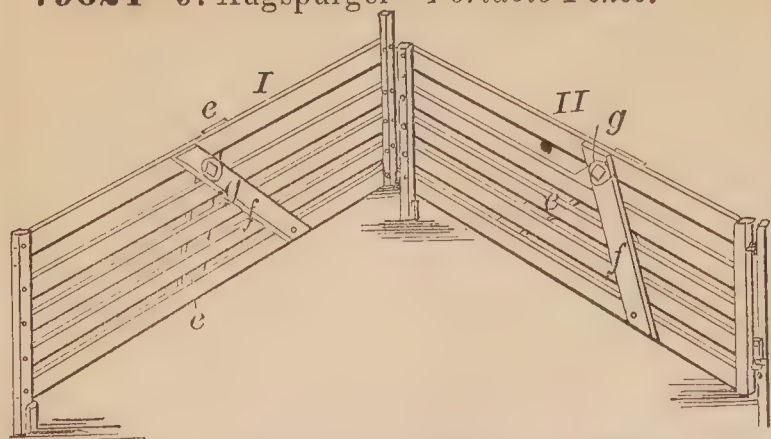


79623—E. H. Ashcroft—Dryer.

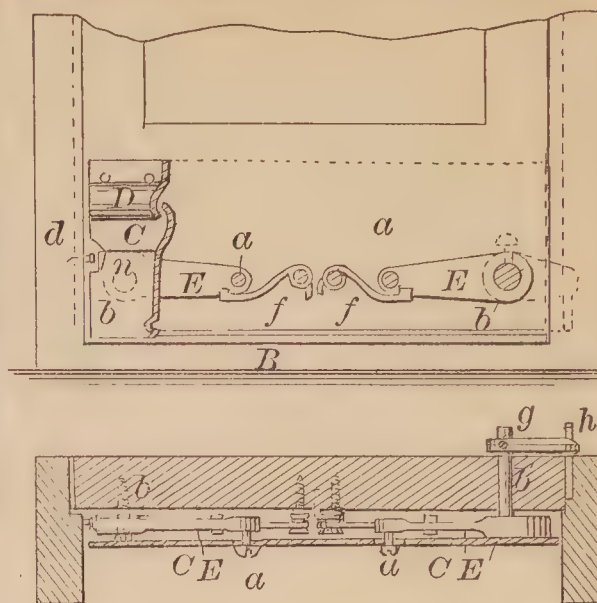




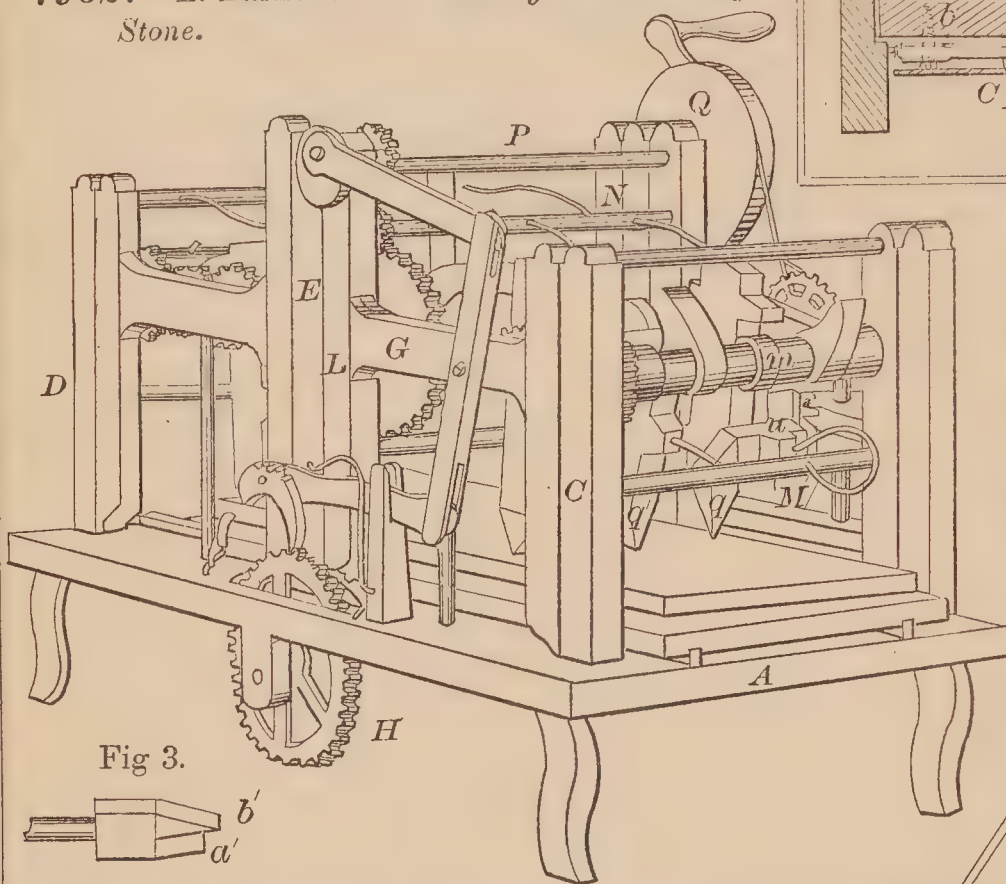
79624—J. Augspurger—*Portable Fence.*



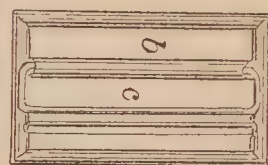
79625—B. F. Averill—*Weather Strip.*



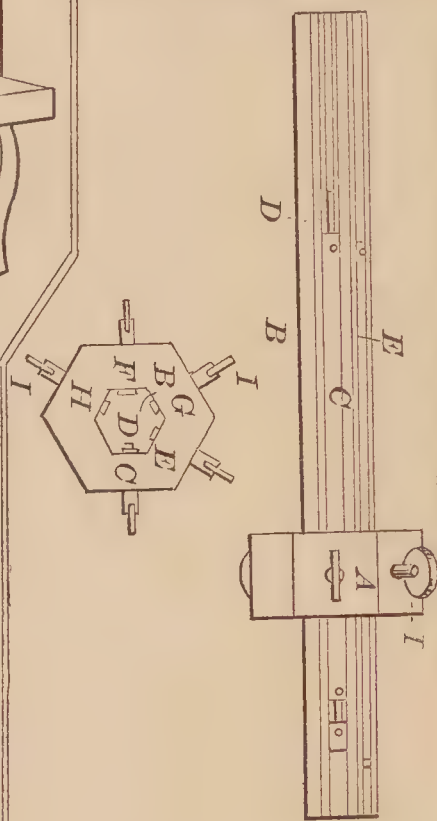
79627—L. Barnum—*For Cutting and Dressing Stone.*



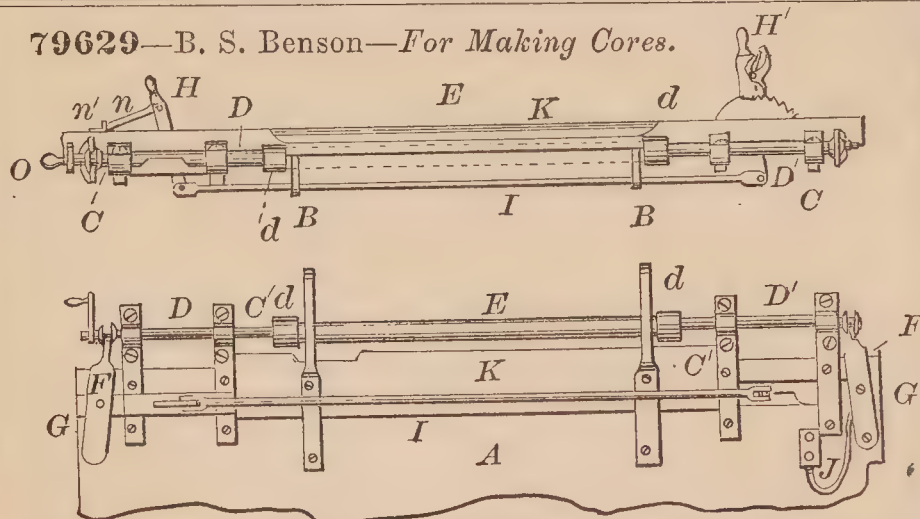
79626—I. Banister—  
*Buckle.*



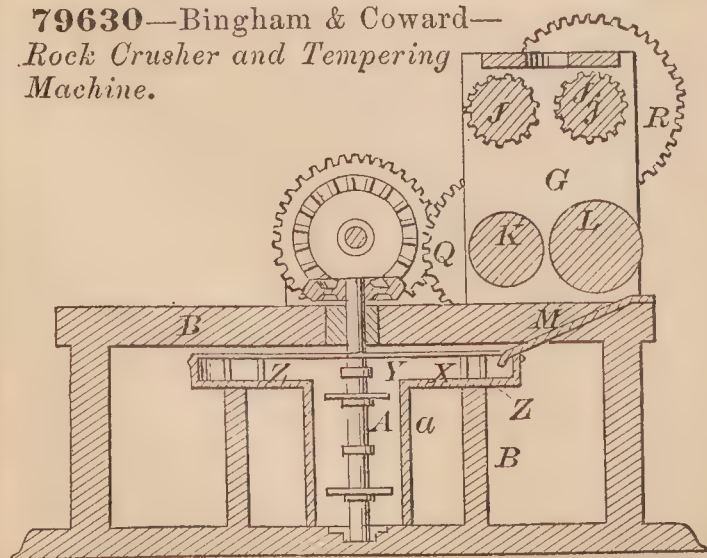
79632—Brown & Berry—Carpenters' Gauge.



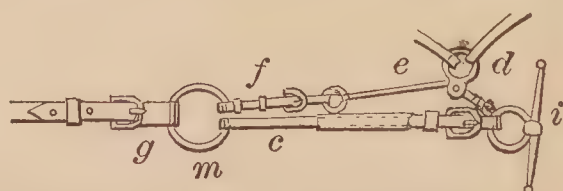
79629—B. S. Benson—*For Making Cores.*



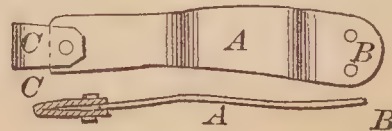
**79630**—Bingham & Coward—*Rock Crusher and Tempering Machine.*



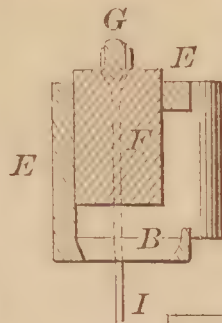
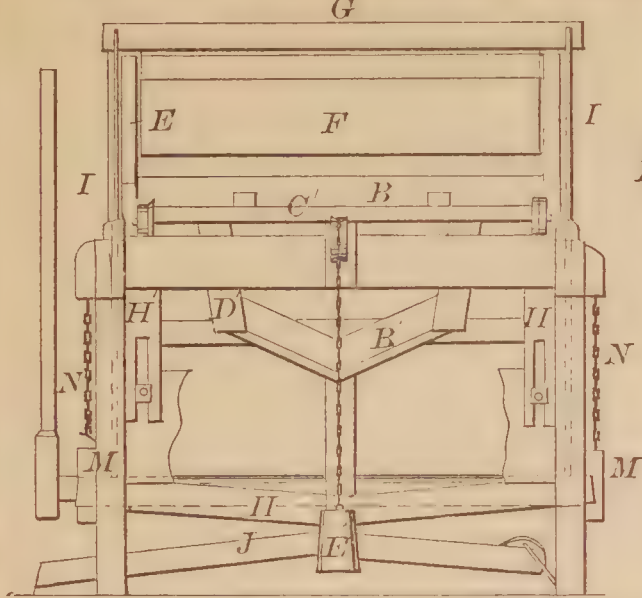
79628—A. Bauerschmitt—*Bridle.*



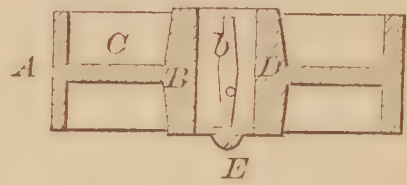
**79631**—H. & E. Briner—*Steel Shank  
for Boots and Shoes.*



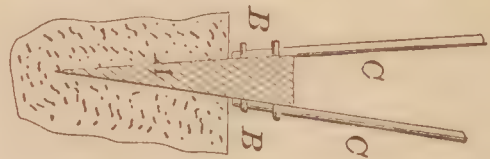
79633—R. & A. P. Campbell—*Brick Machine.*



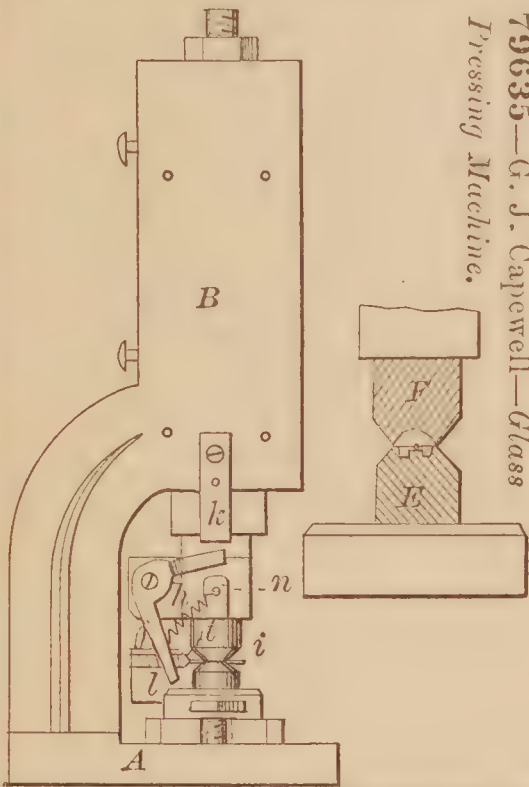
79634—E. S. Capen—*Pulley.*



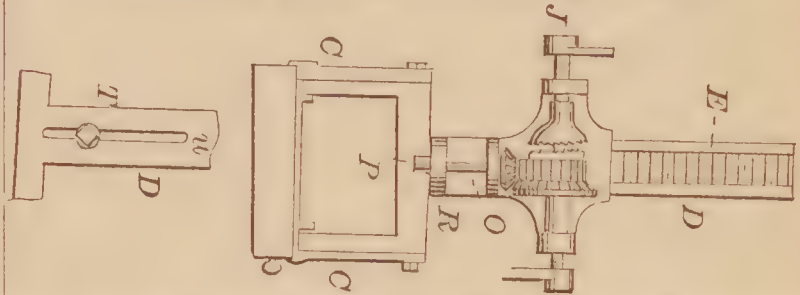
79636—L. B. Clark—*Hop Pole.*



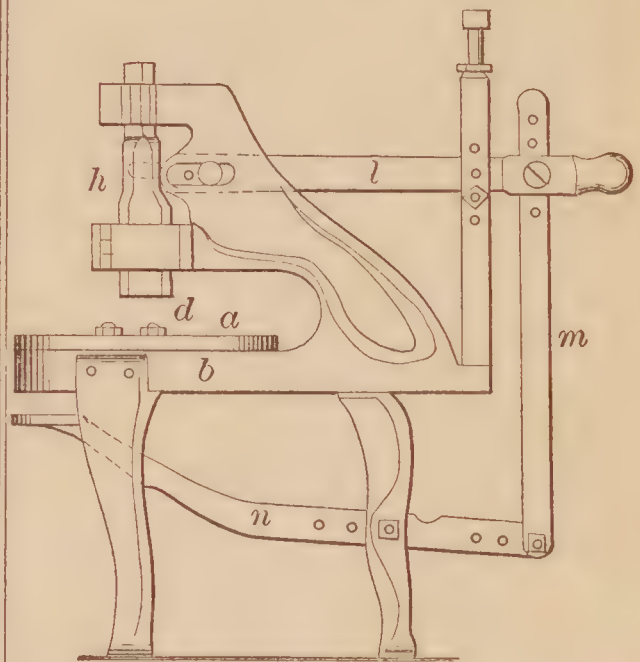
79635—G. J. Capewell—*Glass Pressing Machine.*



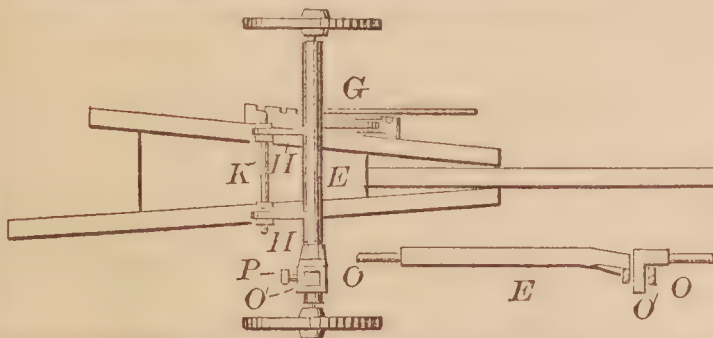
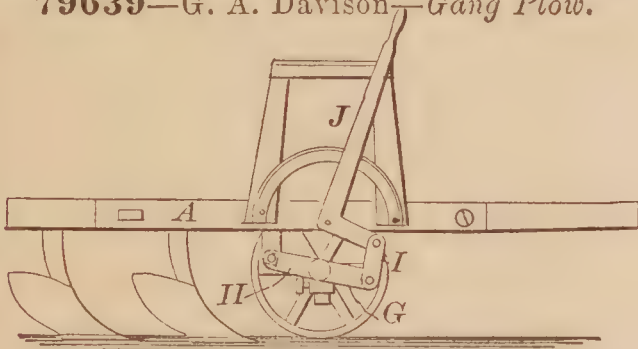
79640—G. Dryden—*For Boring Wood.*



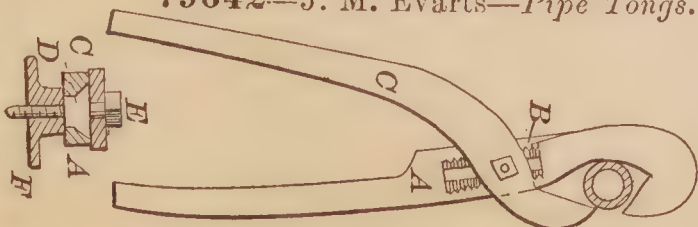
79637—J. E. Conor—*Press.*



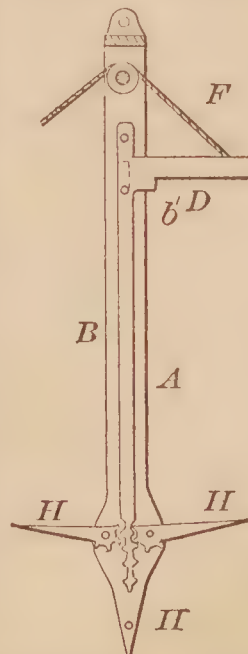
79639—G. A. Davison—*Gang Plow.*



79642—J. M. Evarts—*Pipe Tongs.*



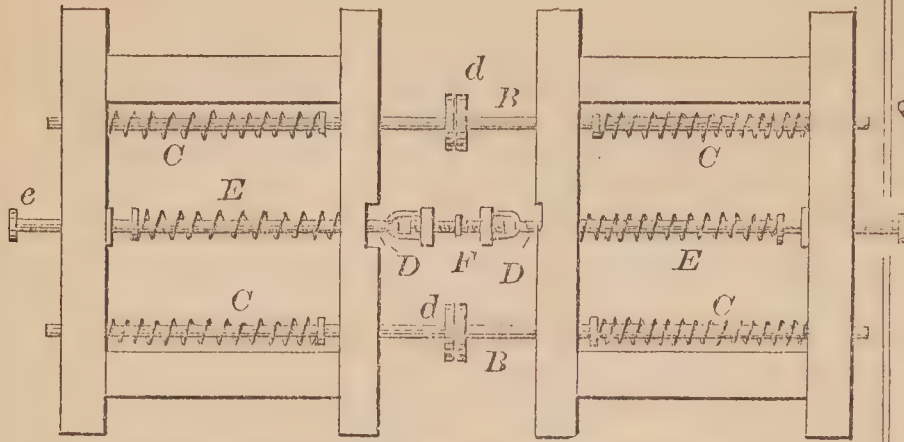
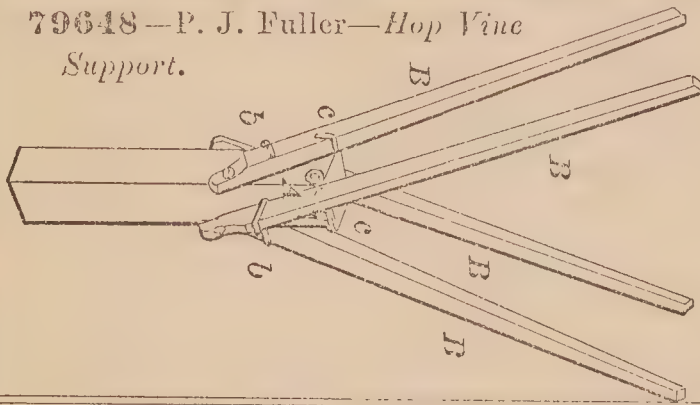
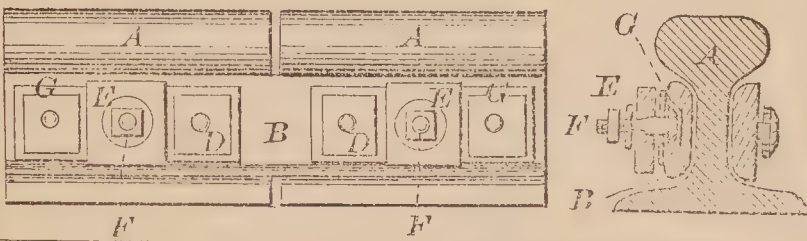
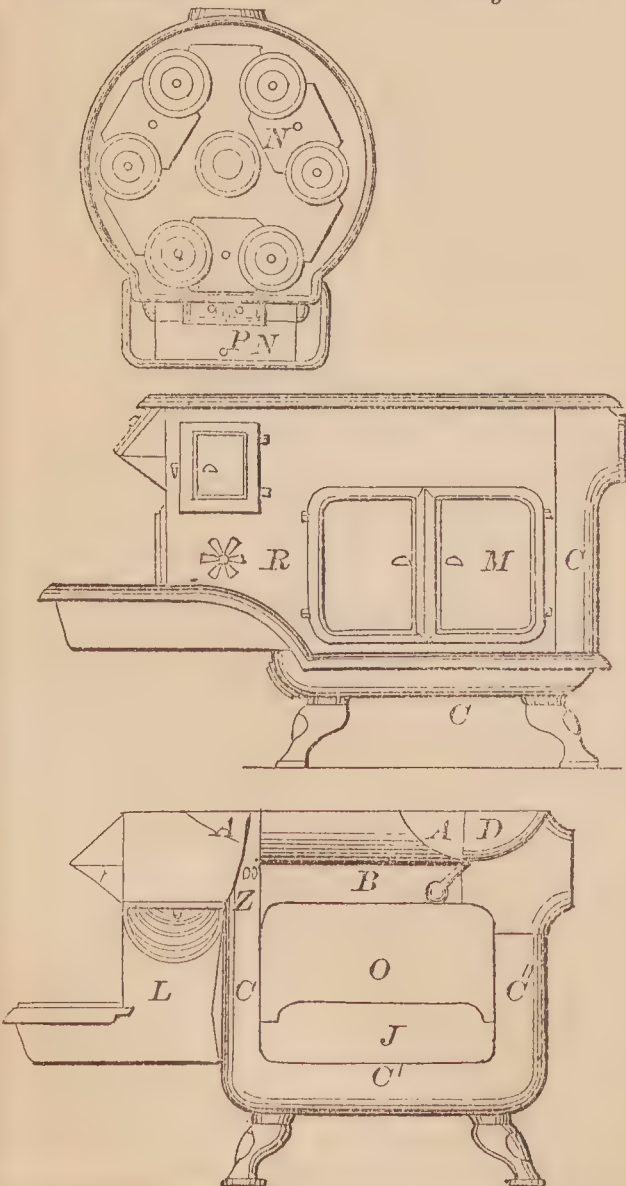
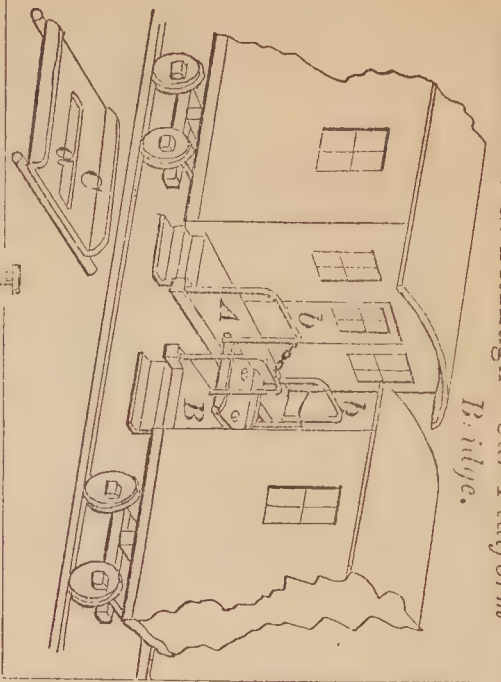
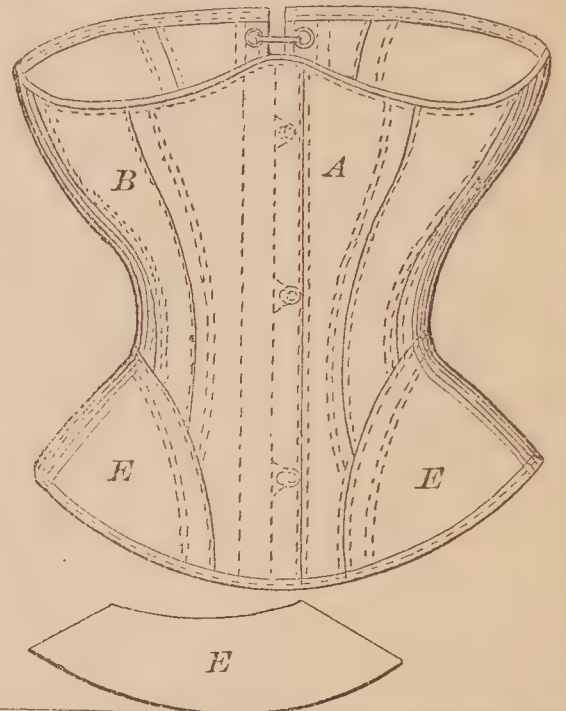
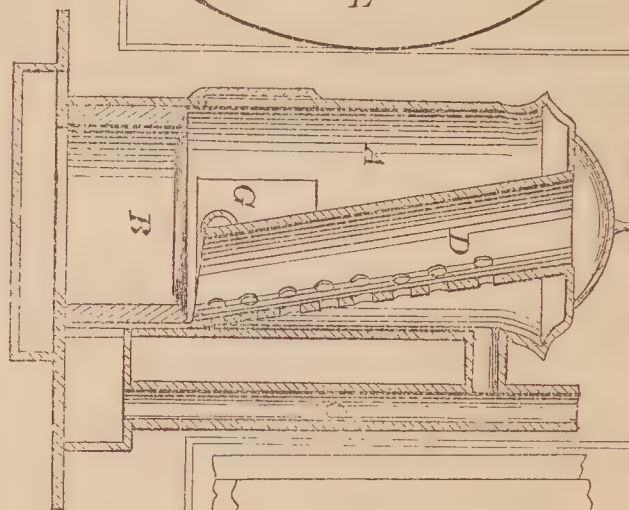
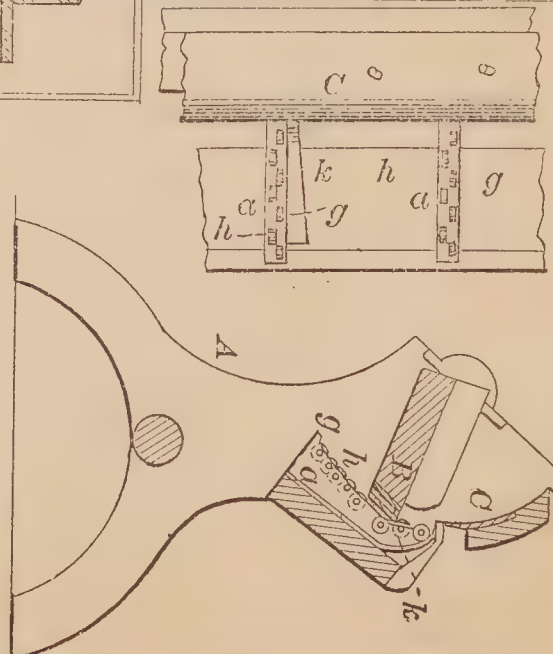
79644—F. J. Fenn—*Horse Hay Fork.*



79638—Cooper & Rumsey—*Snag Hook.*

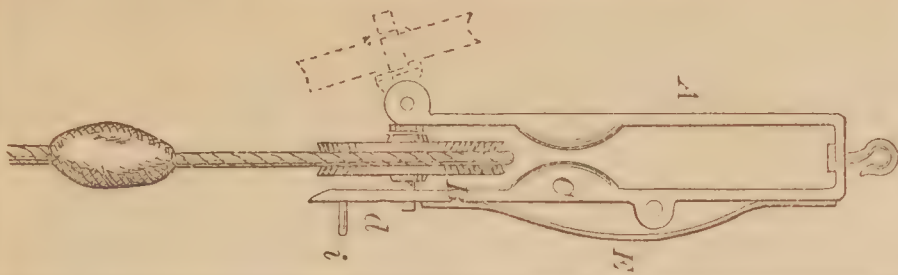




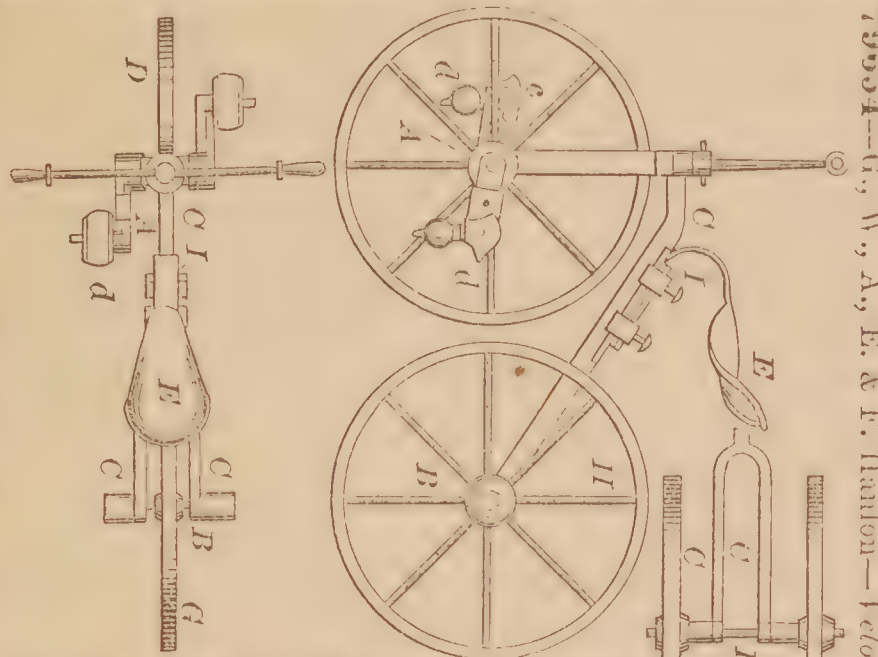
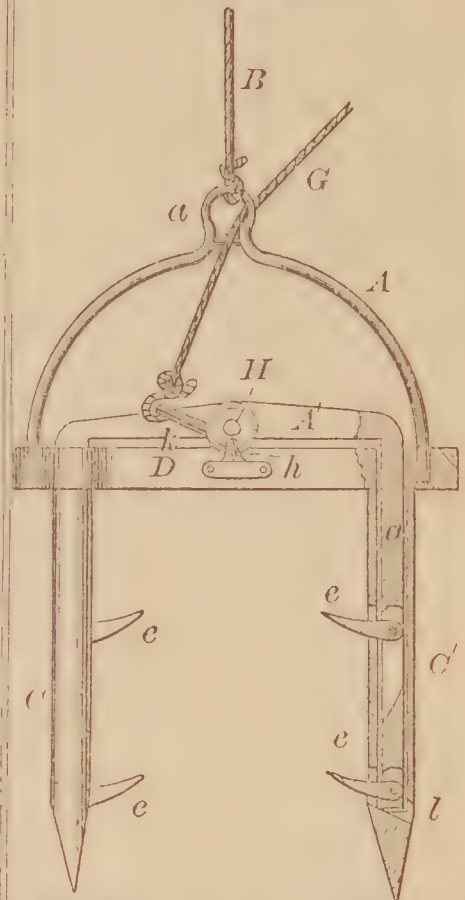
79643—J. M. Everhart—*Car Coupling.*79648—P. J. Fuller—*Hop Vine Support.*79649—S. Garber—*Lock Nut.*79652—J. H. Greer—*Cooking Stove.*79646—B. G. Fitzhugh—*Car Platform Bridge.*79647—L. H. Foy—*Corset.*79650—S. W. Gibbs—*Stove.*79651—J. Greenwood—*For Cutting Slaves.*



79653—J. E. Gustin—*Self-Detaching Pulley.*

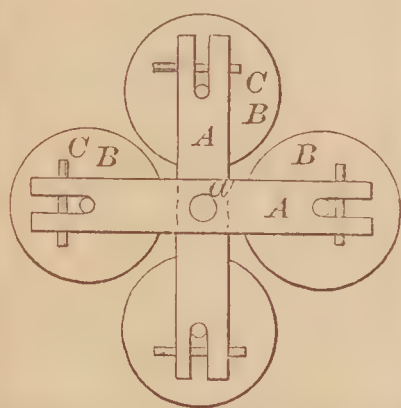
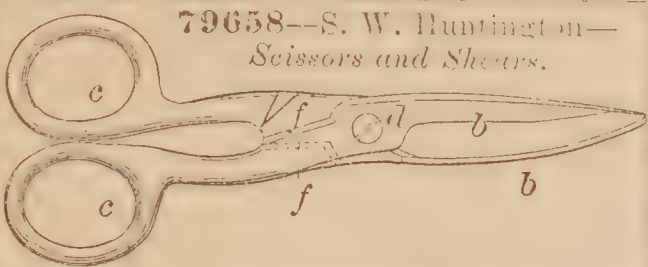


79655—W. Hannah—*Horse Hay Fork.*

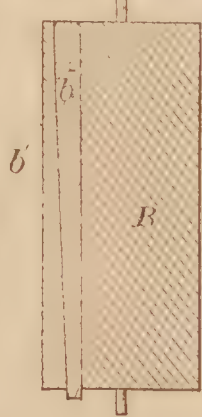


79654—G. W. A. E. & F. Hanton—*Velocipede.*

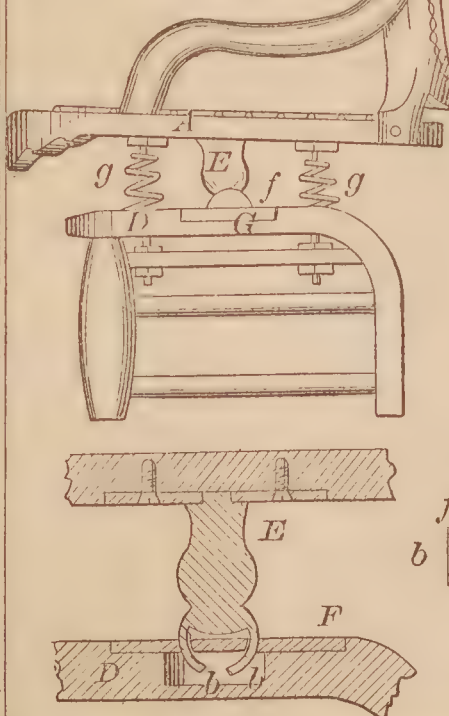
79658—S. W. Huntington—*Scissors and Shears.*



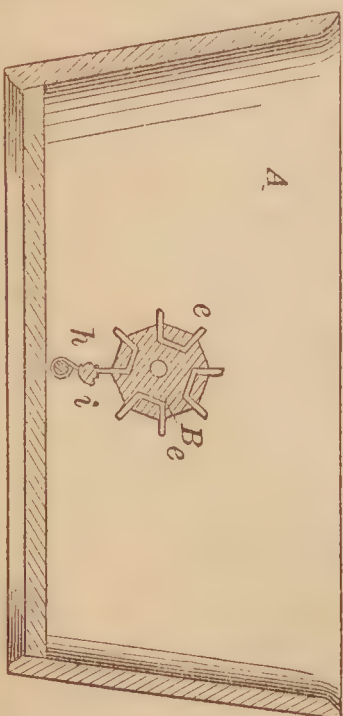
79659—L. Jennings—*Paper Making Machine.*



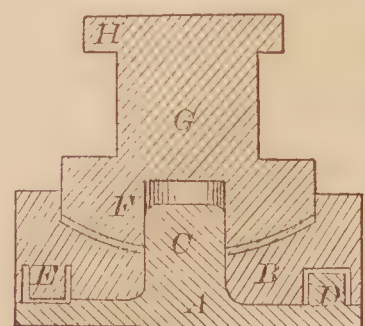
79660—E. Hartwell—*Rocking Chair.*



79662—J. Lamb—*Washing Machine.*



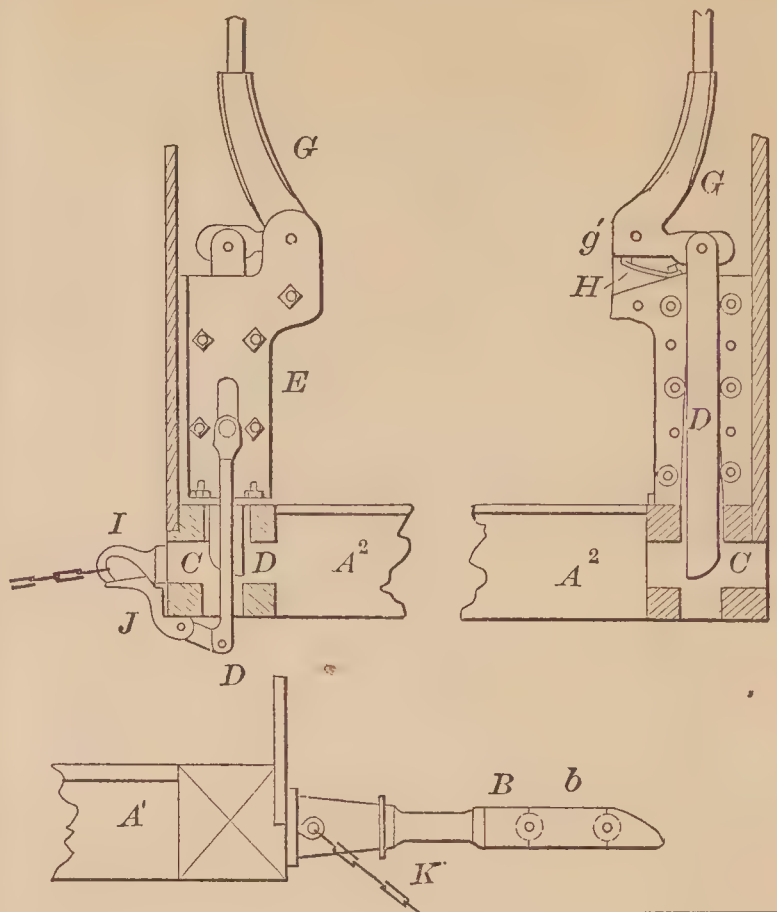
79660—C. Jillson—*Mould for Strawberry Ripeners.*



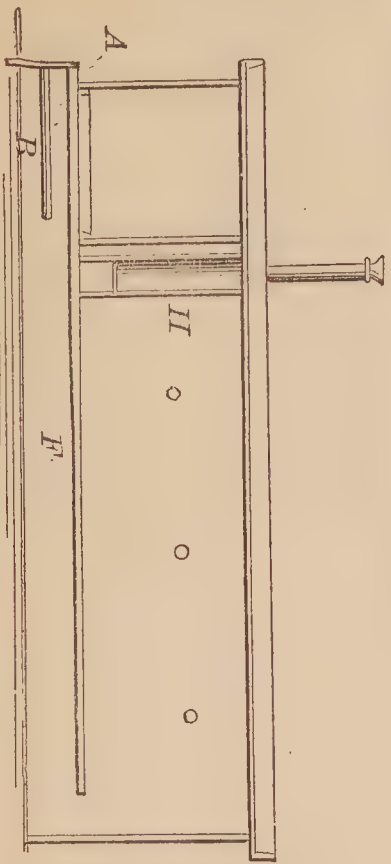
79657—R. Hunter—*Propeller.*



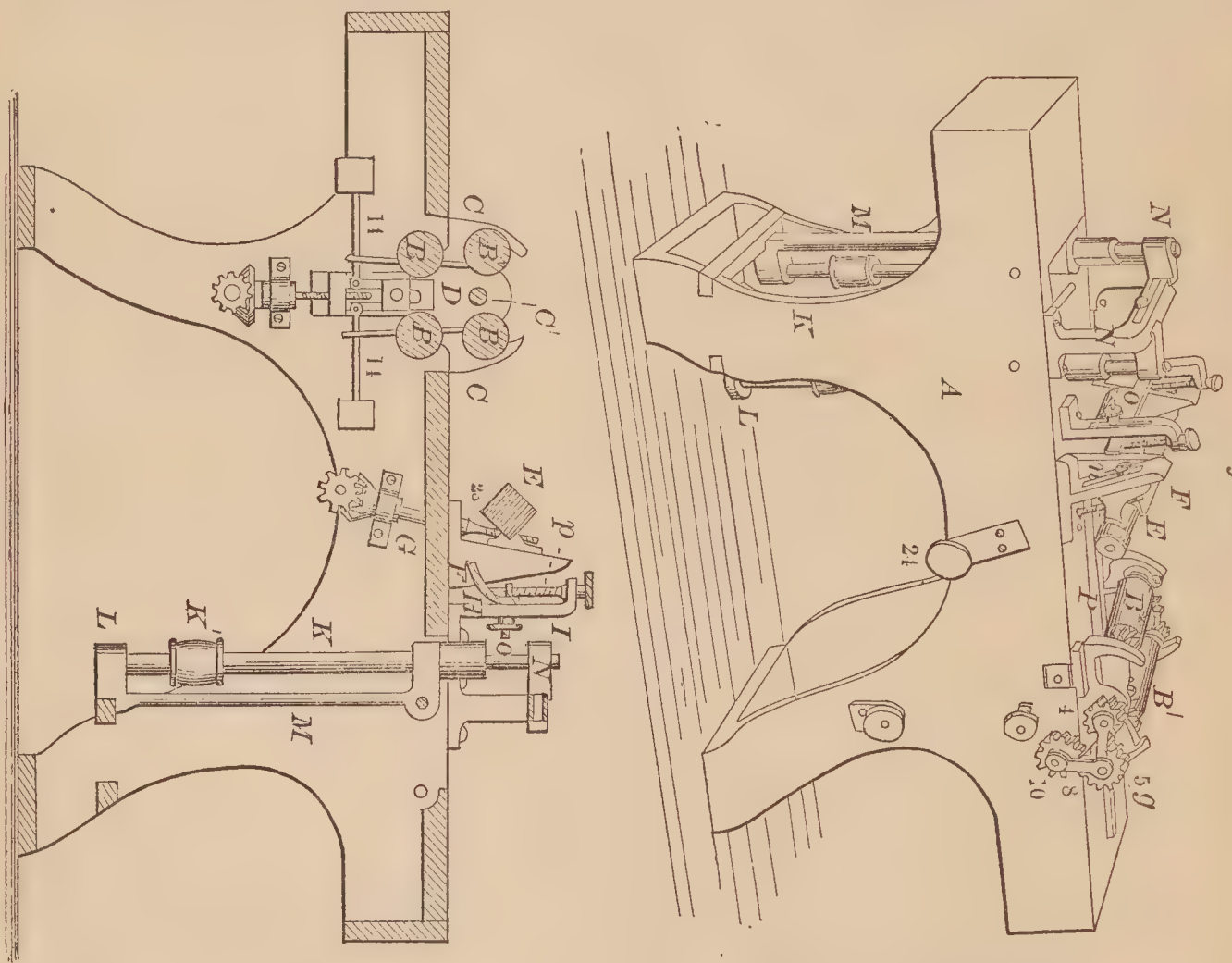
79664—L. J. Lecocq—*Car Coupling.*



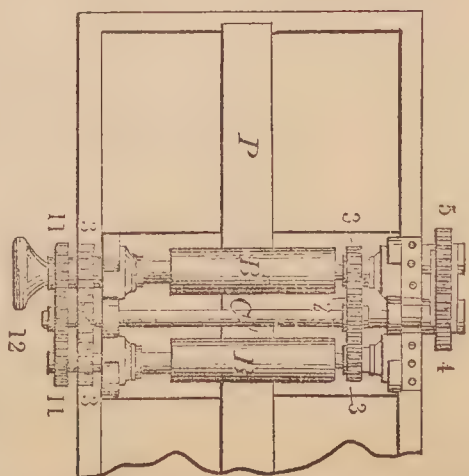
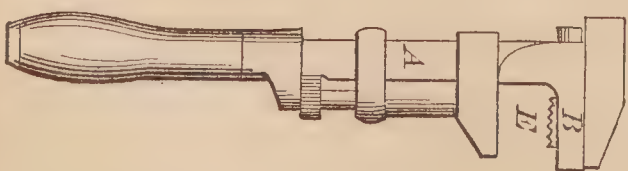
79661—Johnson & Sumner—*Lumber Dryer.*



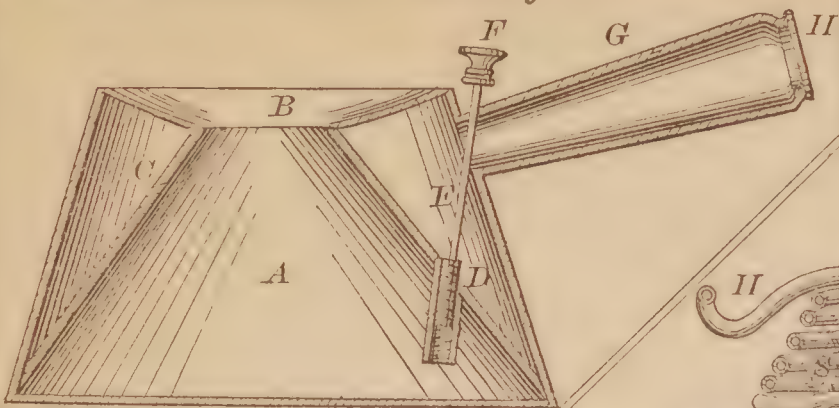
79663—H. A. Lee—*Moulding Machine.*



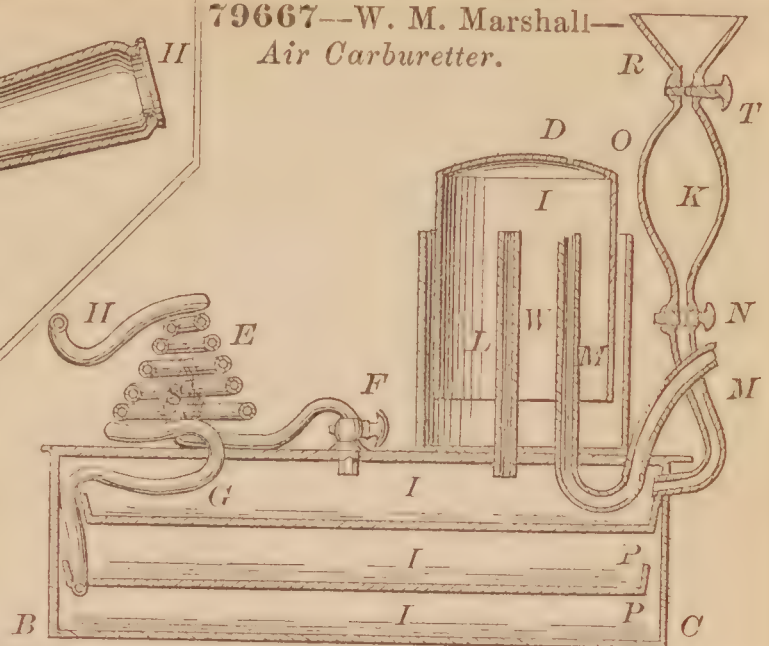
79665—J. Madden—*Wrench.*



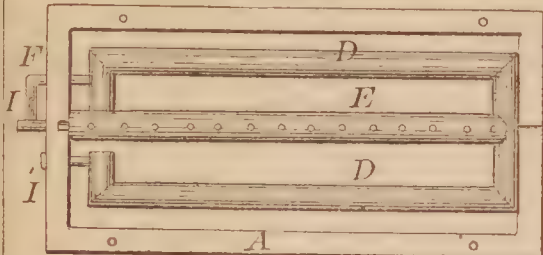
79666—F. W. Marvin—*Marking Can.*



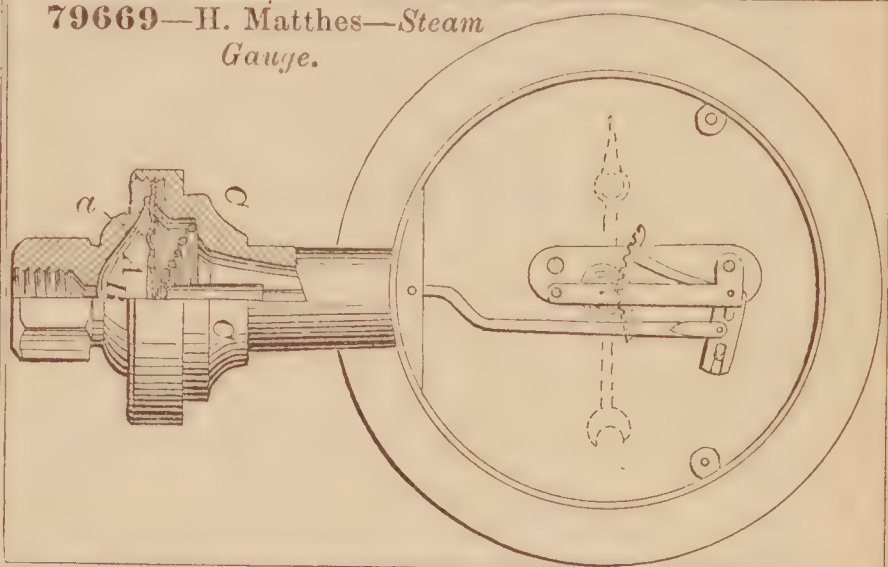
79667—W. M. Marshall—*Air Carburetter.*



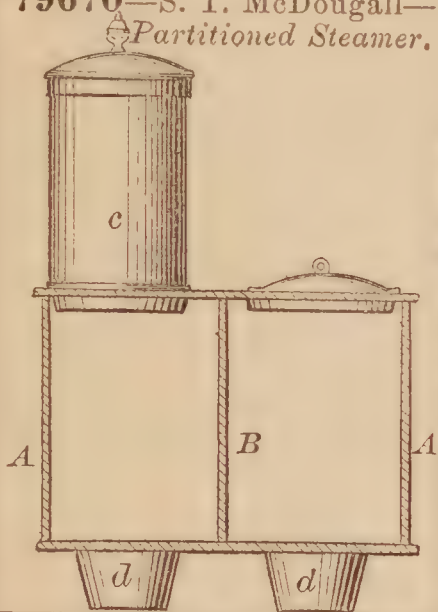
79668—Mason & Bell—*Feather Renovator.*



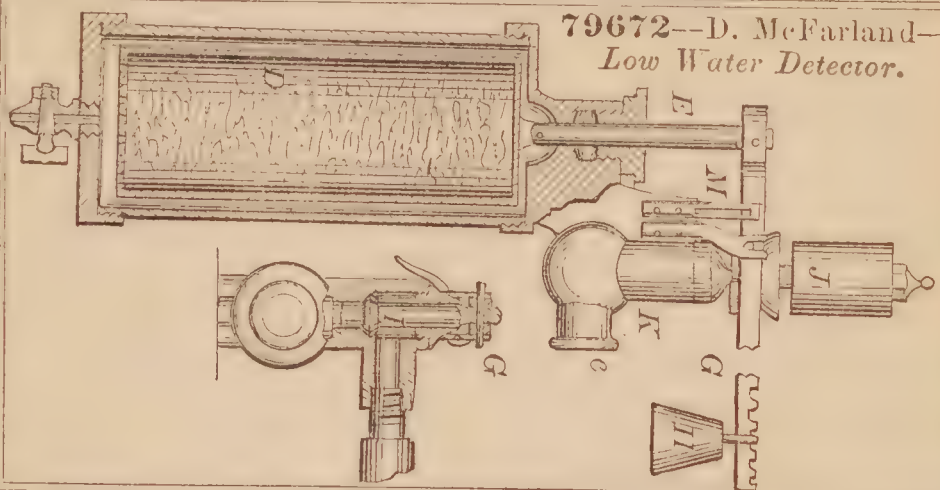
79669—H. Matthes—*Steam Gauge.*



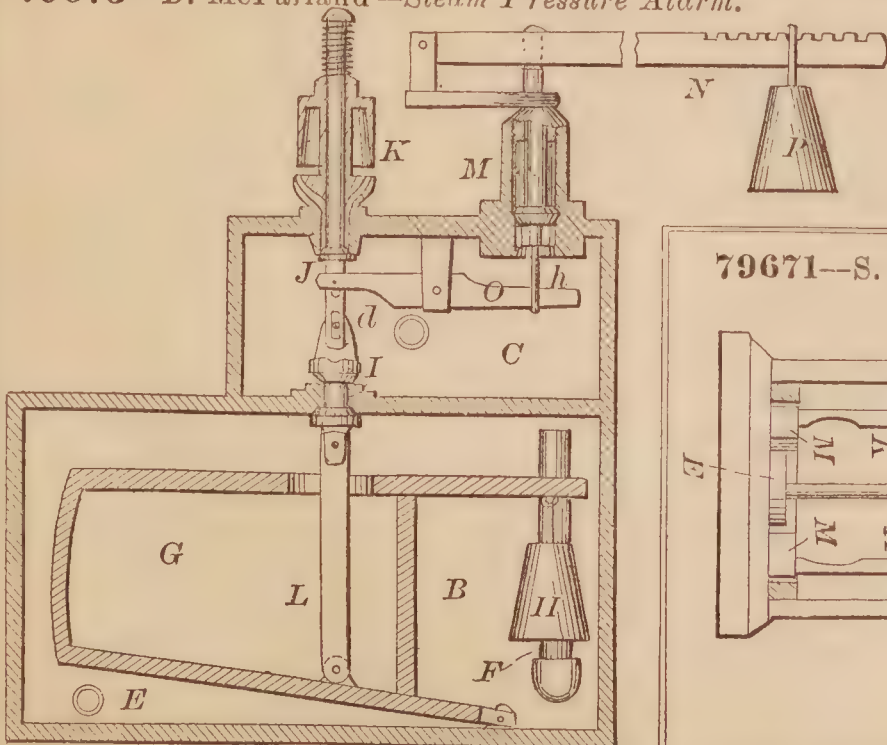
79670—S. T. McDougall—*Partitioned Steamer.*



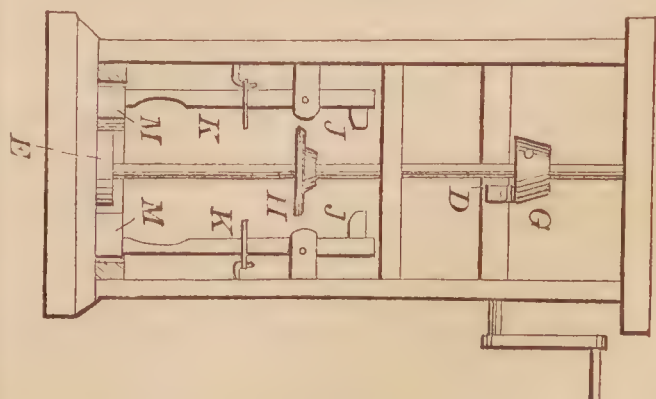
79672—D. McFarland—*Low Water Detector.*



79673—D. McFarland—*Steam Pressure Alarm.*

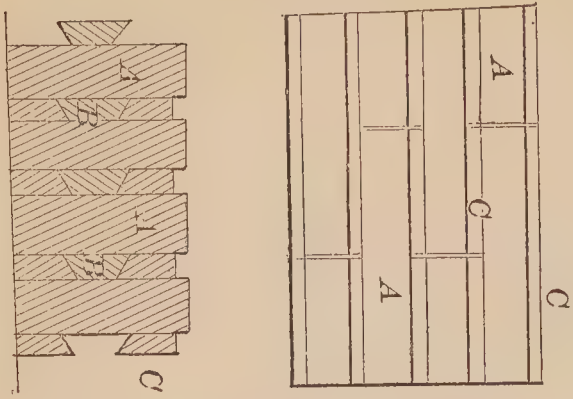


79671—S. T. McDougall—*Clothes Pounder.*

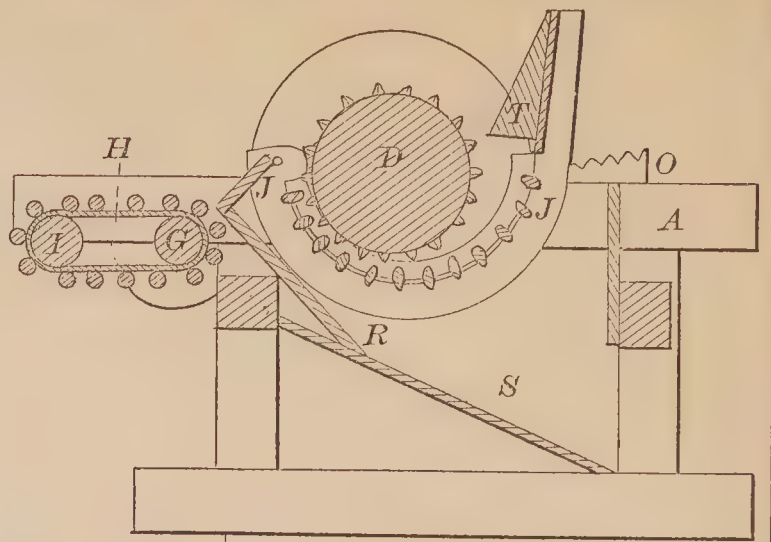




79674—D. McKenzie—Wooden  
Pavement.



79675—McPheeters & Gross—Corn Sheller.



79676—Moore, Bleistein & Shirk—  
For Cutting Boots.

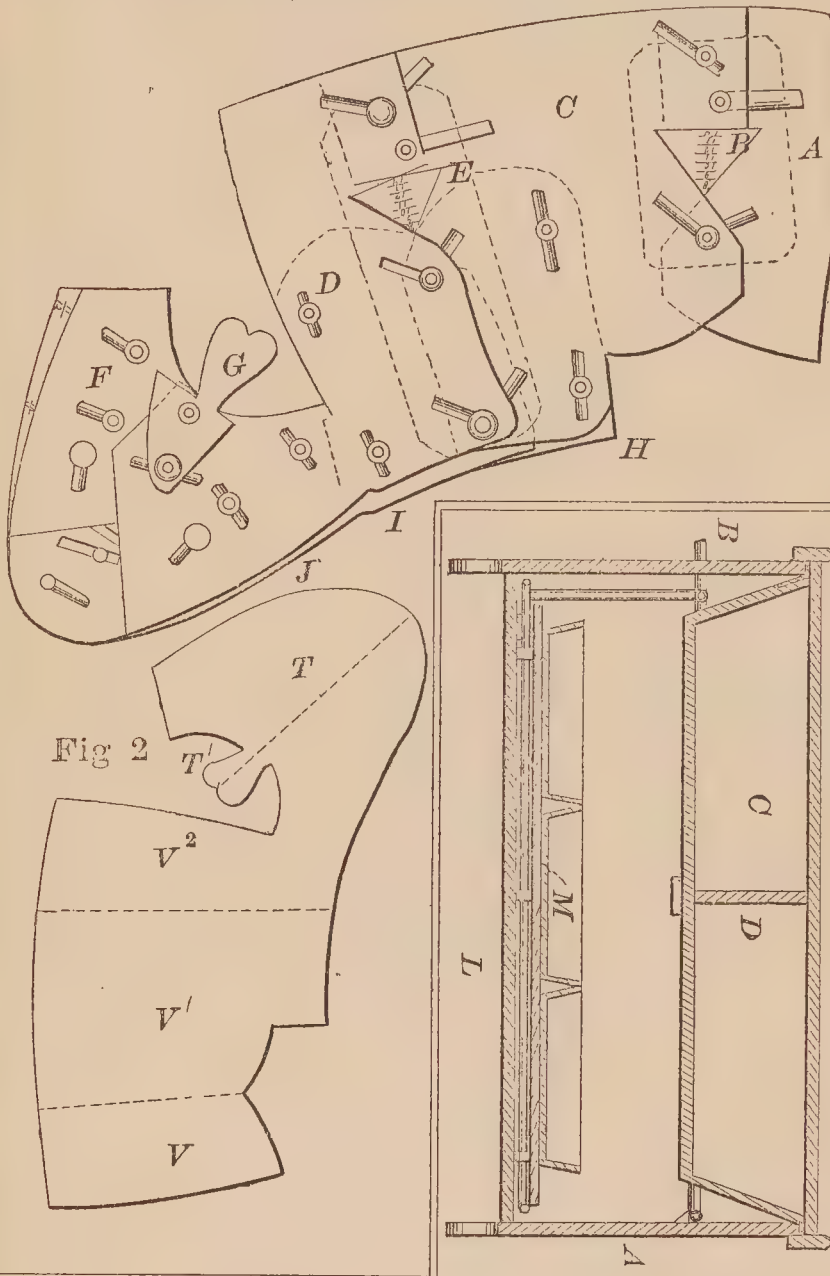
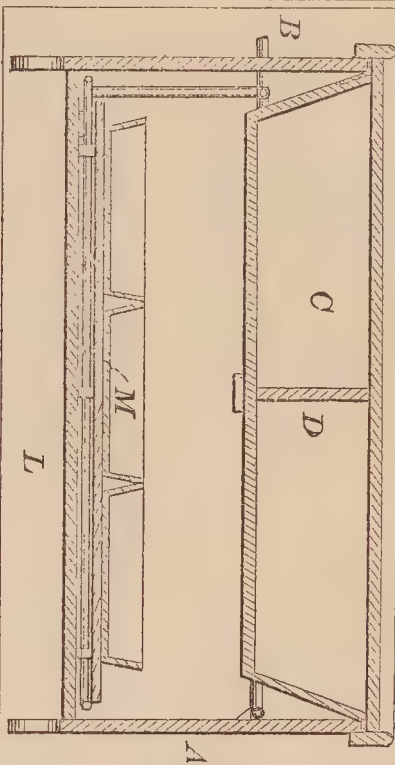
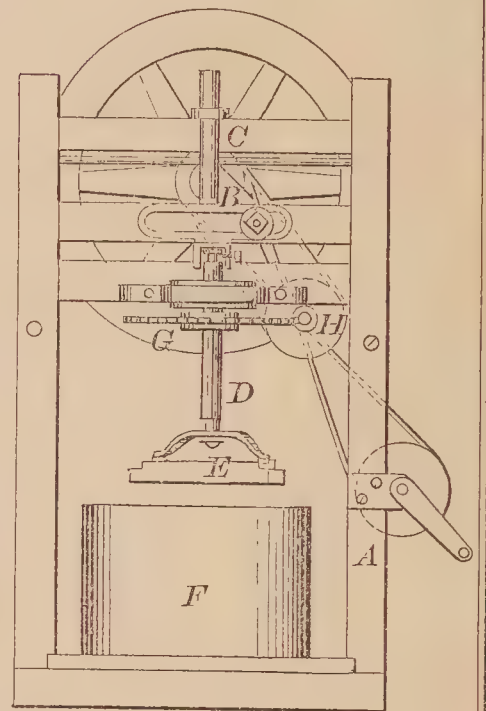


Fig 2

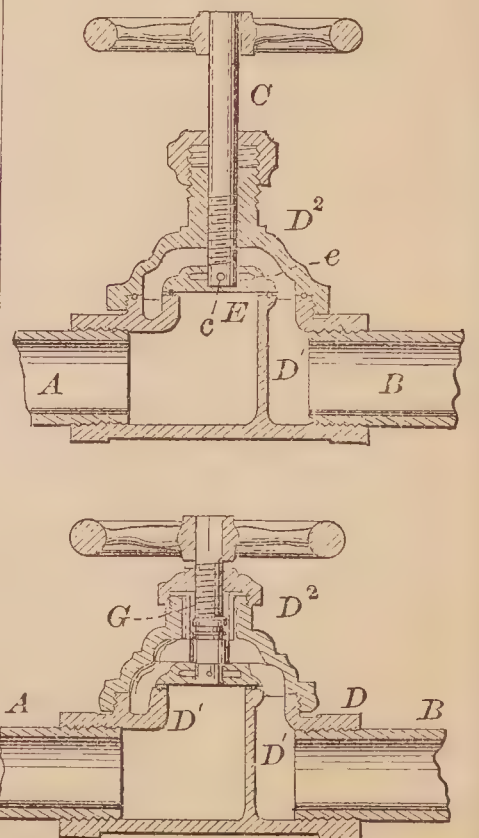
79680—W. Pearce—Sponge and Dough Presser.



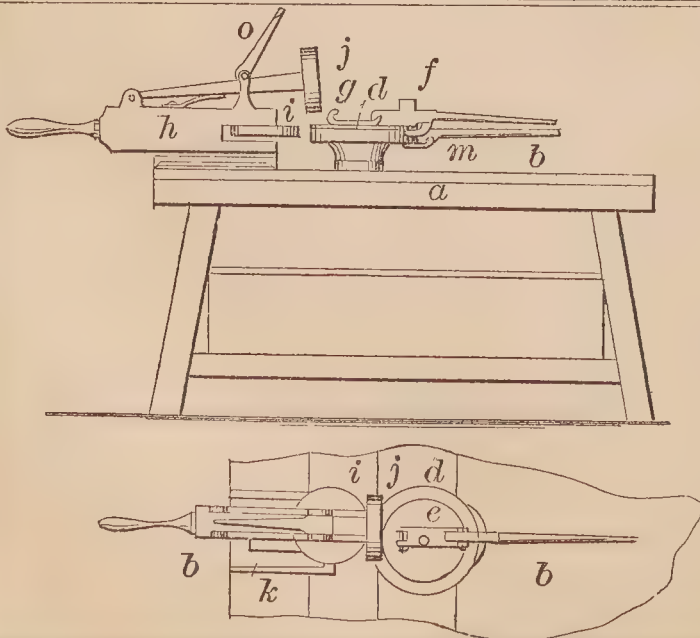
79678—H. Obrecht—  
Meat Cutter.



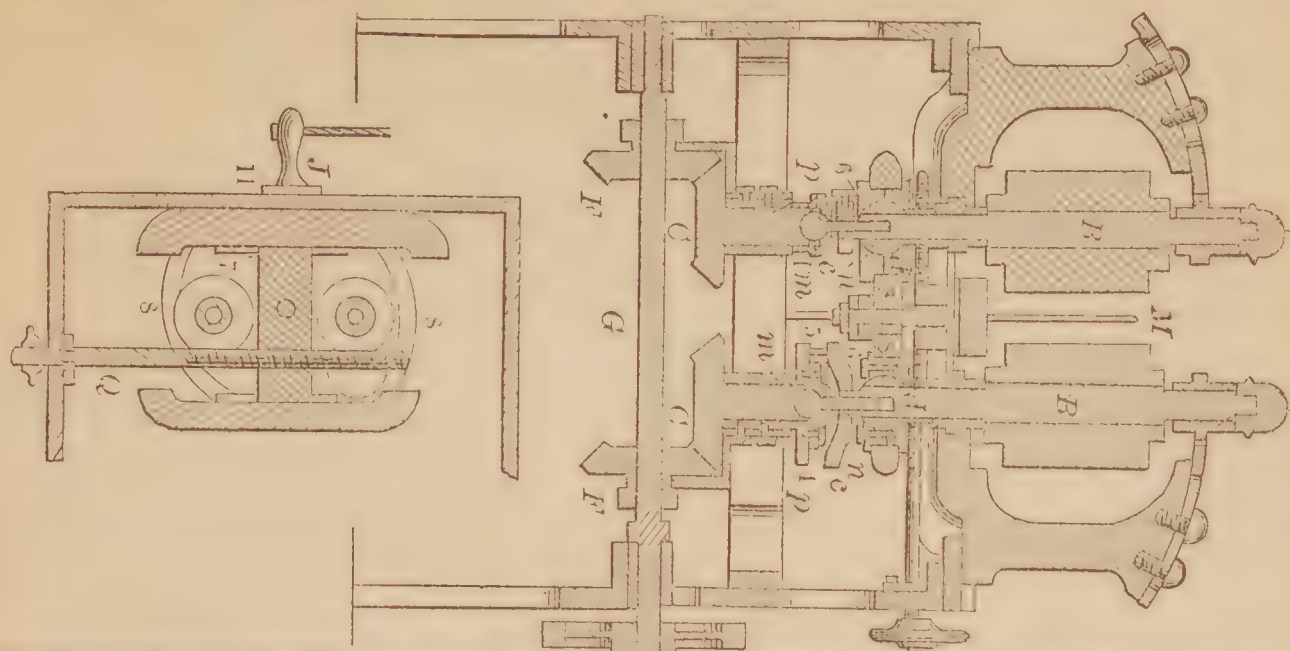
79679—R. S. Packard—  
Globe Valve.



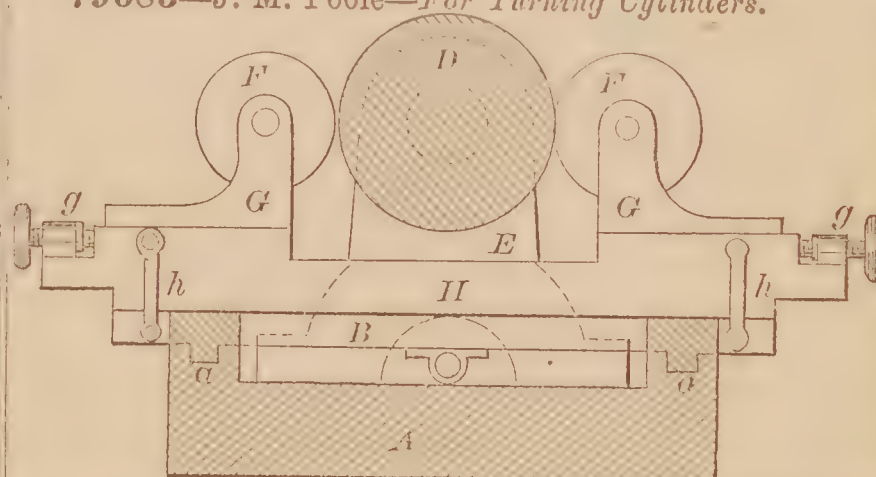
79677—W. Morrey—Bending Fifth  
Wheels.



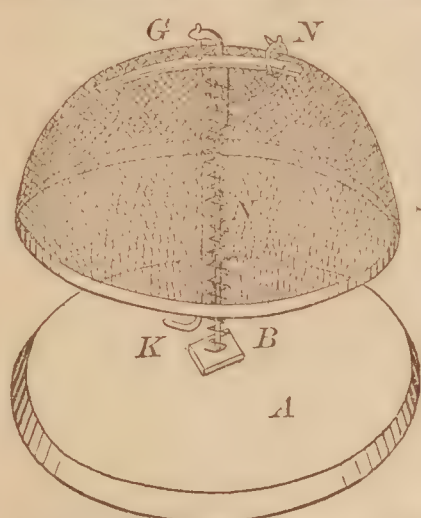
79682—F. J. Plummer—Circular Saw Mill.



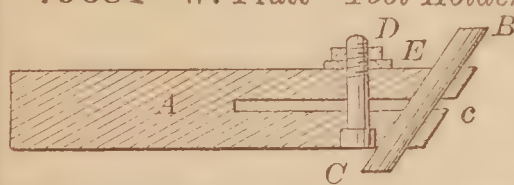
79683—J. M. Poole—For Turning Cylinders.



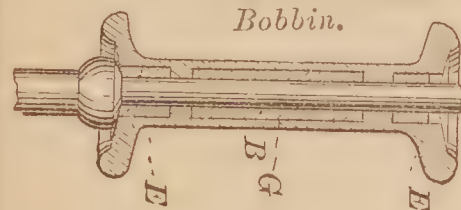
79685—S. S. Bain—Animal Trap.



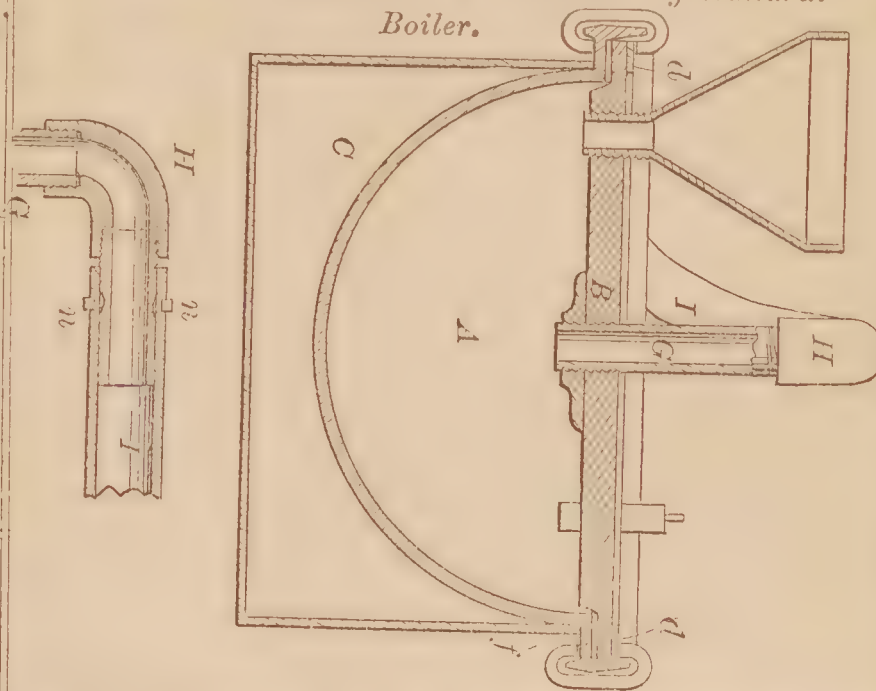
79684—W. Pratt—Tool Holder.



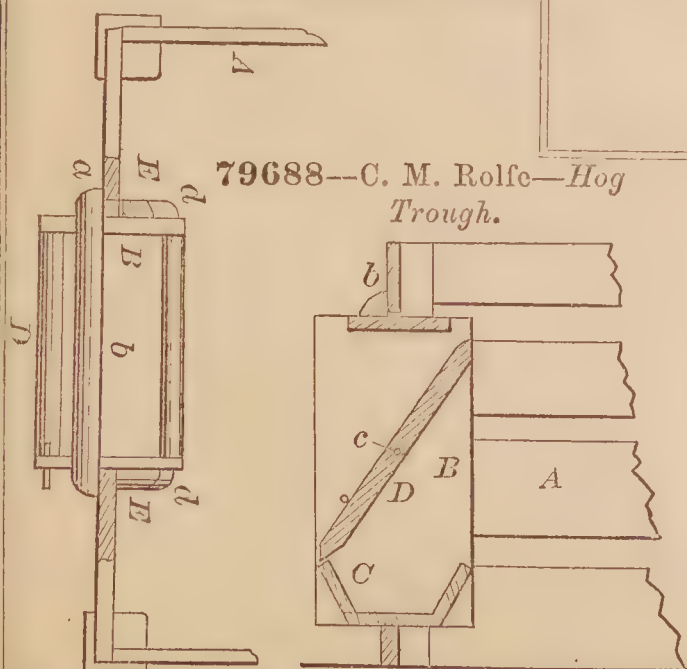
79687—W. H. Ramsdell—Bobbin.



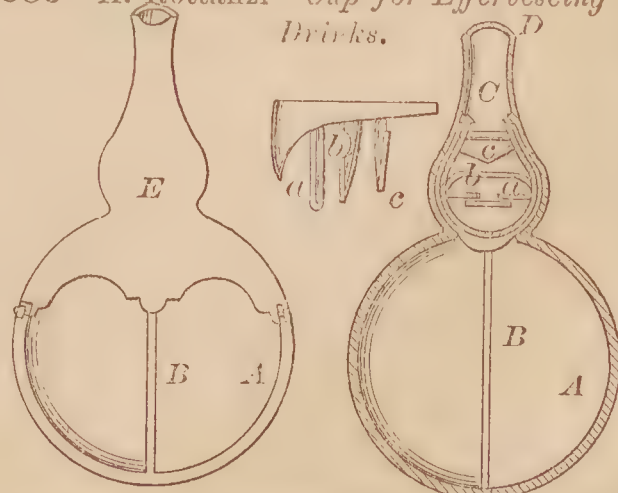
79685—D. R. Prindle—Agricultural Boiler.



79688—C. M. Rolfe—Hog Trough.

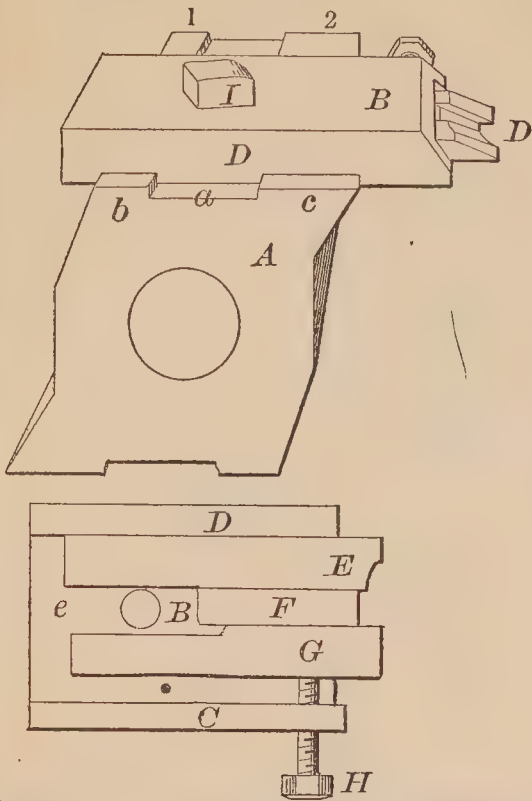


79689—A. Rottanzi—Cup for Effervescing Drinks.

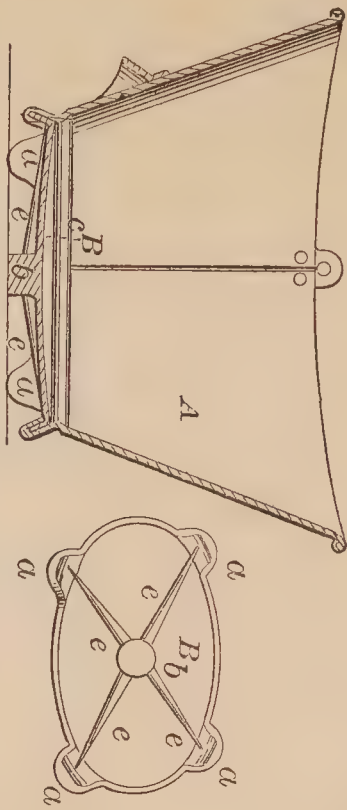




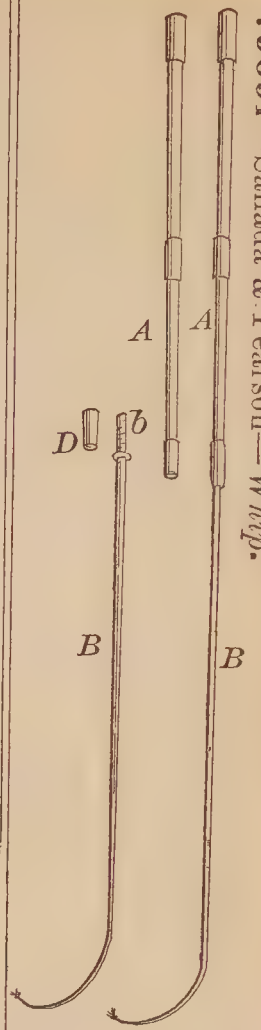
79690—Rowe &amp; Nelson—Cutter Head.



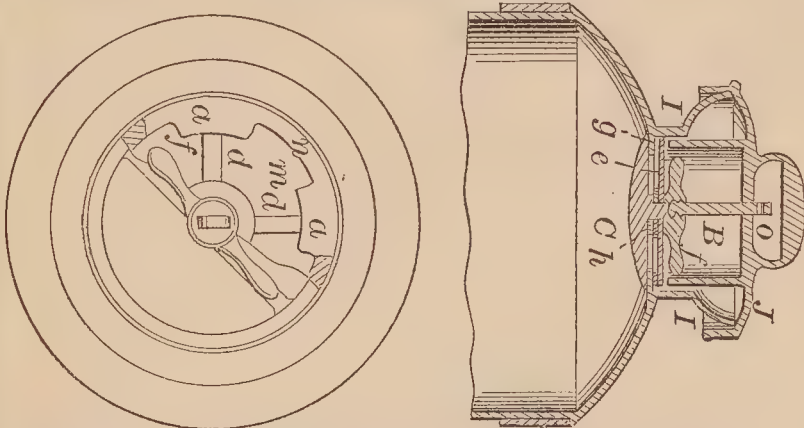
79692—T. &amp; J. M. Seantlin—Coal Scuttle.



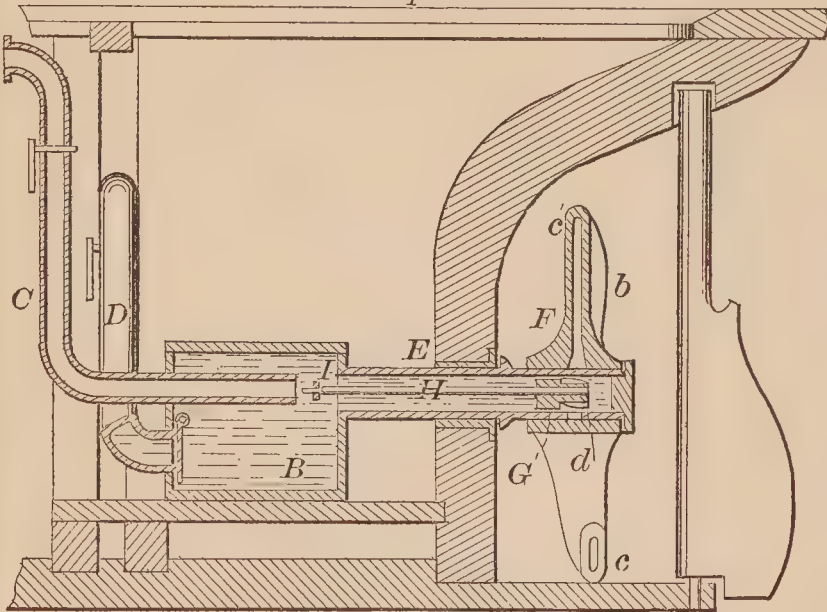
79691—Sallada &amp; Pearson—Whip.



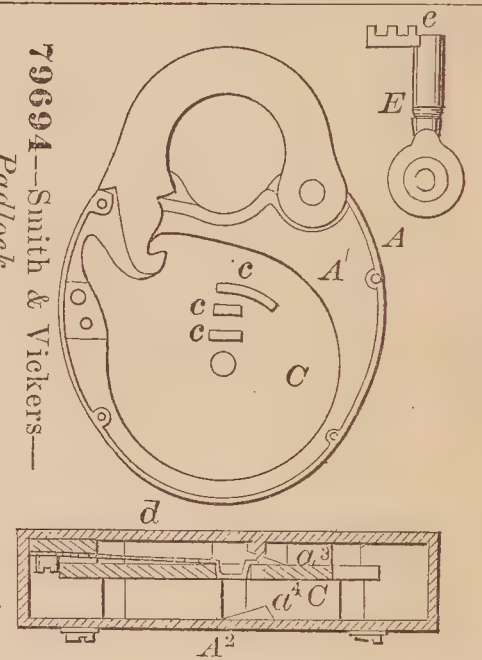
79693—D. W. Shaw—Milk Can.



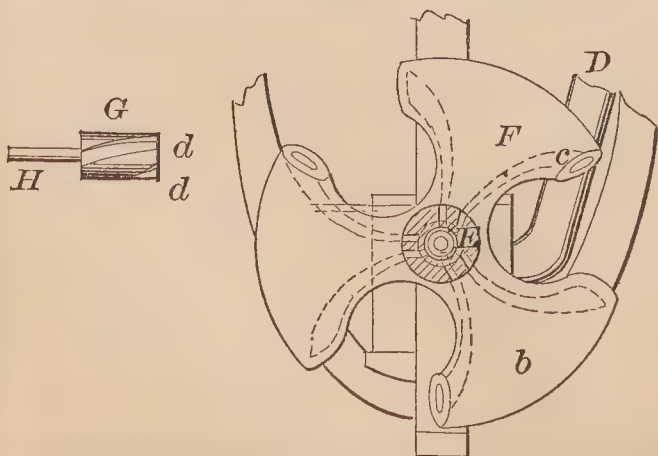
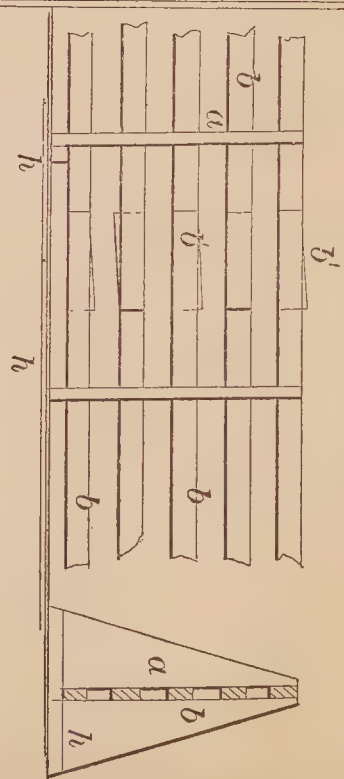
79695—W. Spalding—Application of Steam to Propellers.



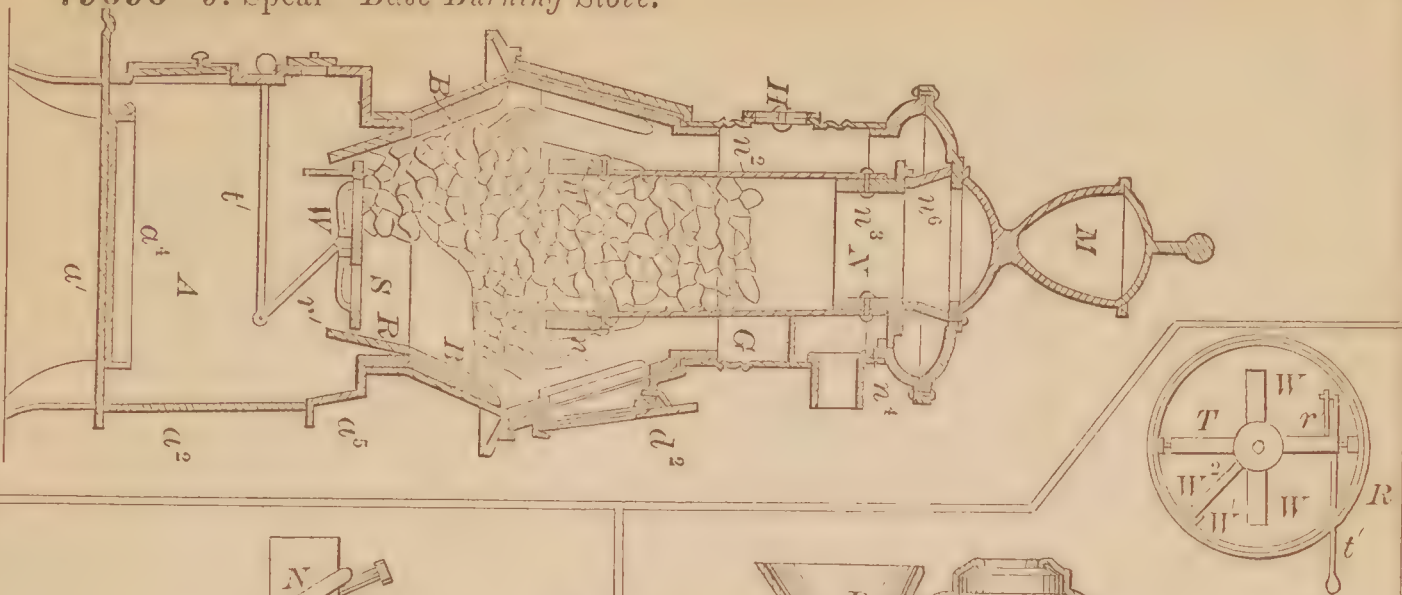
79694—Smith &amp; Vickers—Padlock.



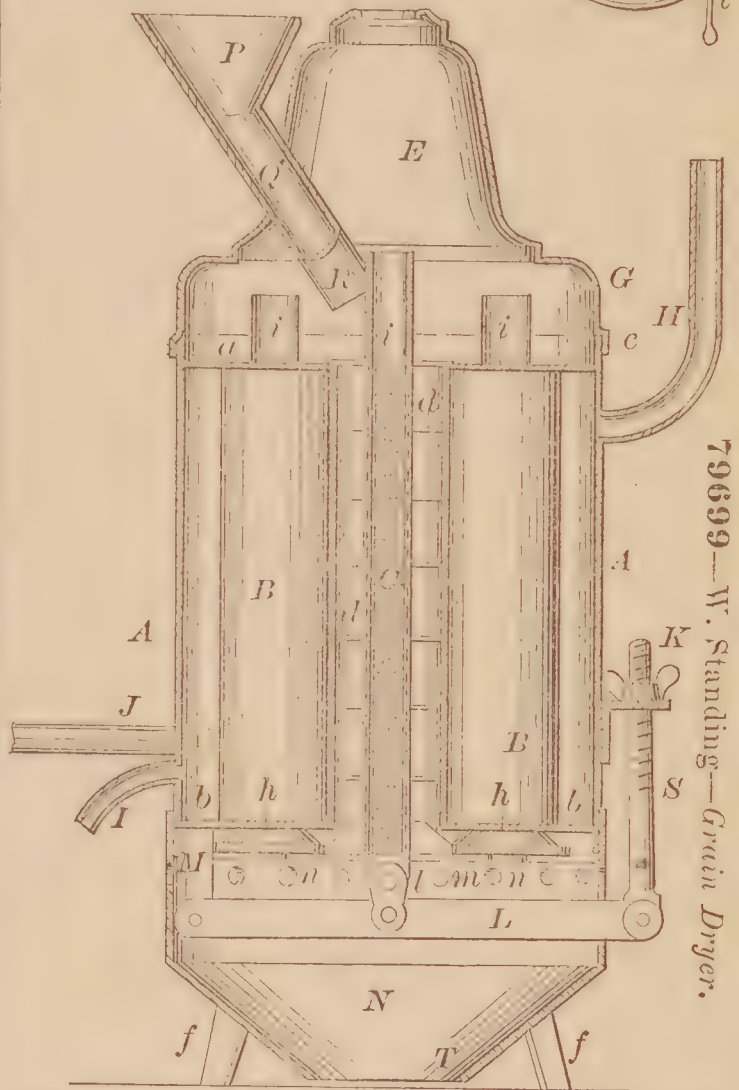
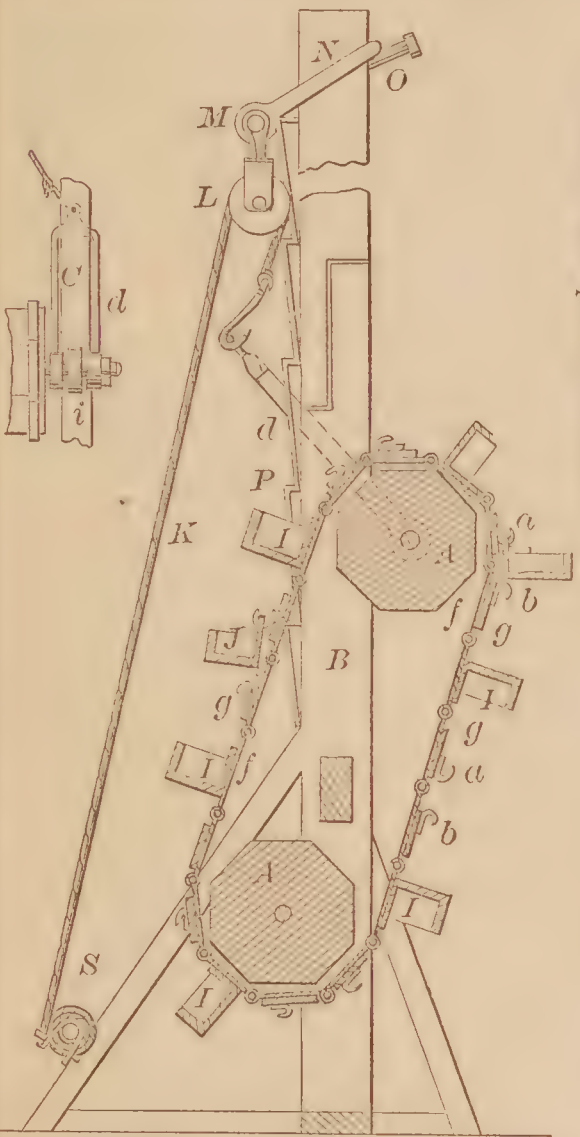
79698—C. W. Sprout—Panel Fence.



79696—J. Spear—Base Burning Stove.

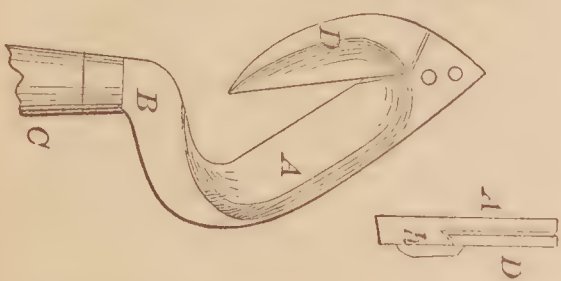


79697—H. Spiro—Elevator.

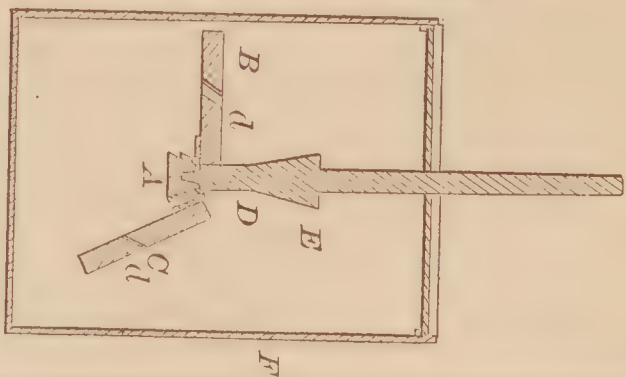


79699—W. Standing—Grain Dryer.

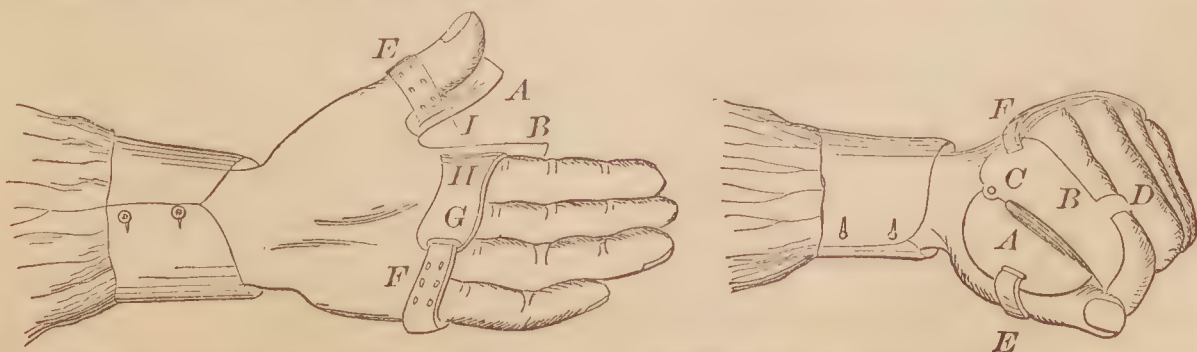
79700—J. Stark—Pruning Hook.



79702—G. R. Stevens—Churn.

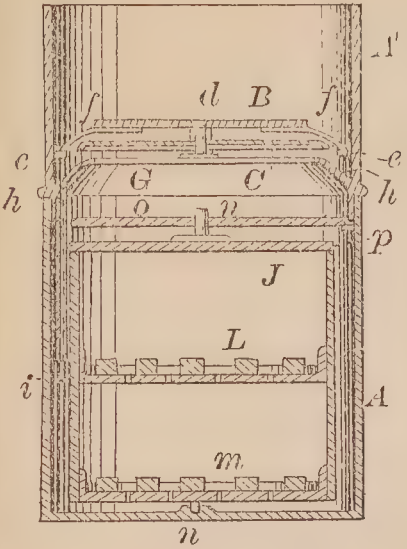


79703—G. E. Stewart—Corn Husker.

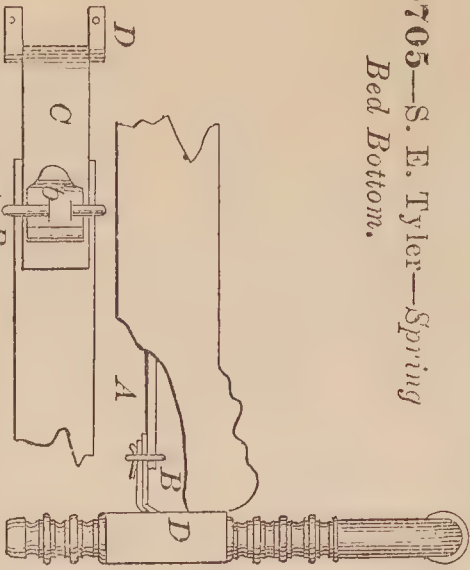




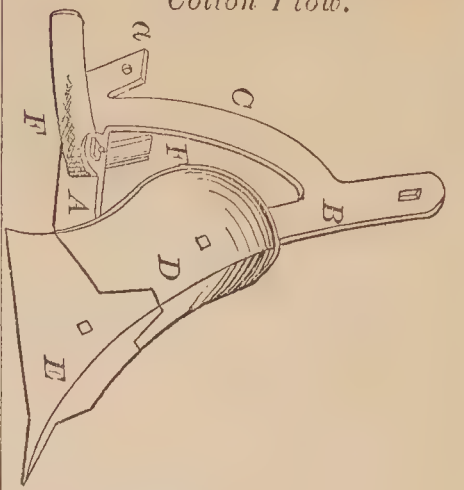
79704—A. B. Sweetland—  
Refrigerator.



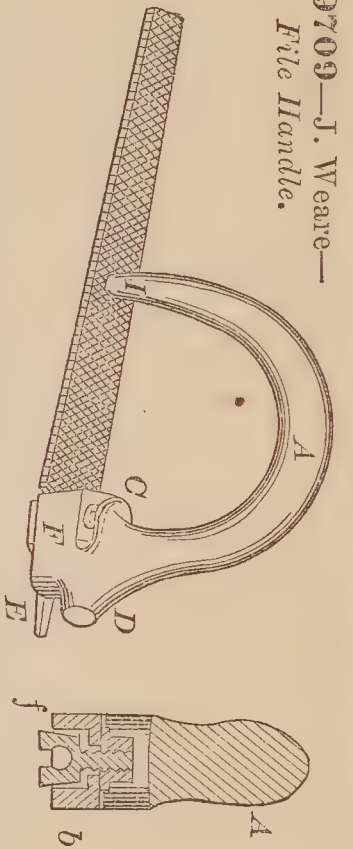
79705—S. E. Tyler—Spring  
Bed Bottom.



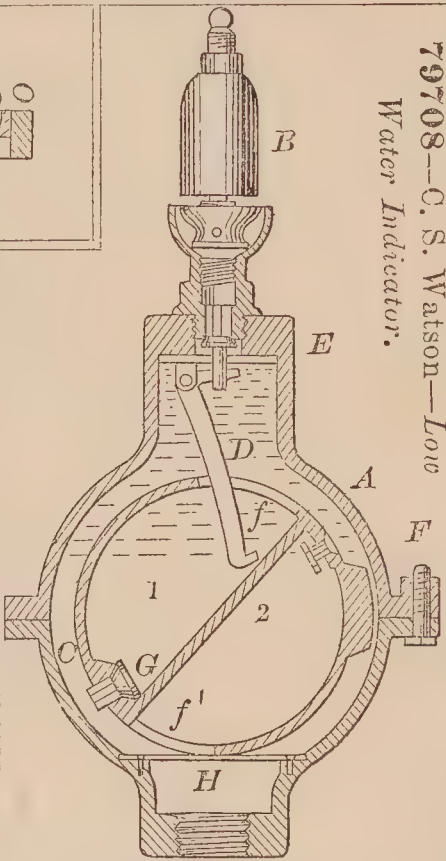
79706—T. A. Wainwright—  
Cotton Plow.



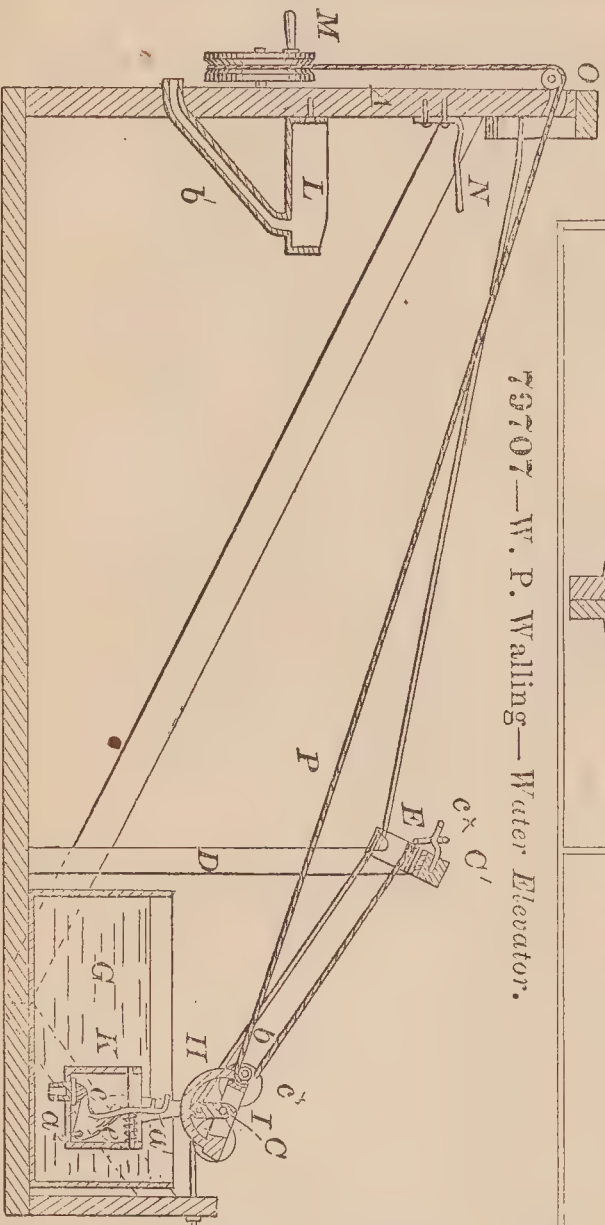
79709—J. Weare—  
File Handle.



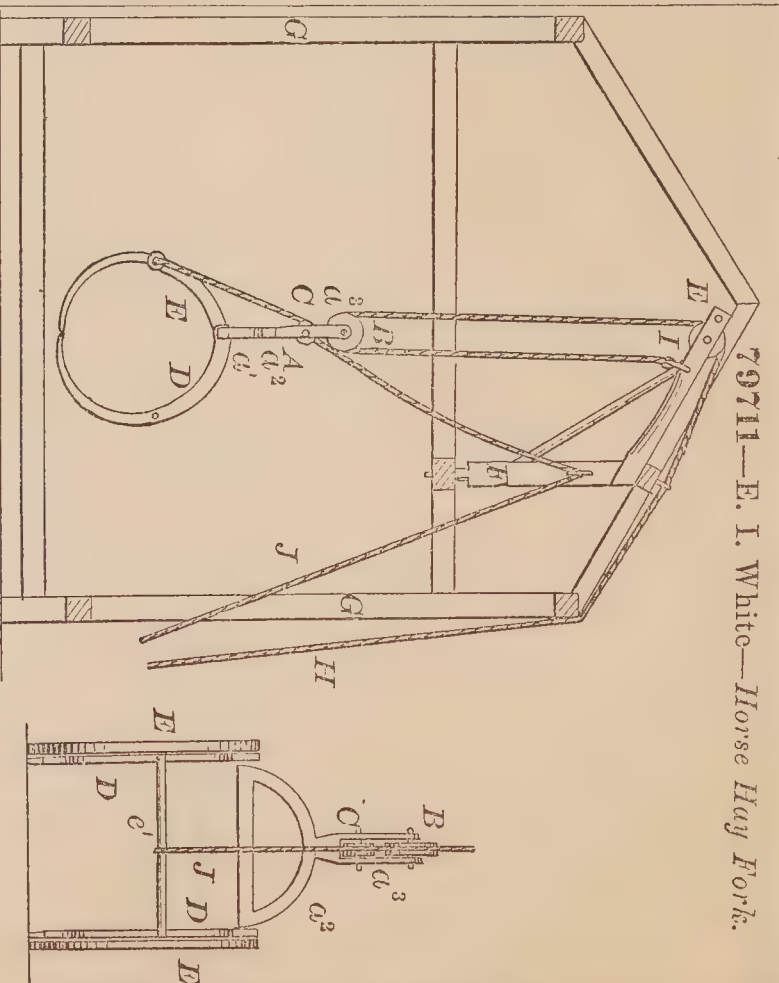
79708—C. S. Watson—Low  
Water Indicator.



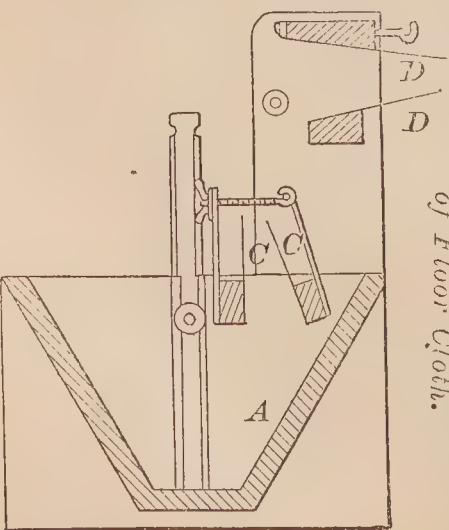
79707—W. P. Walling—Water Elevator.



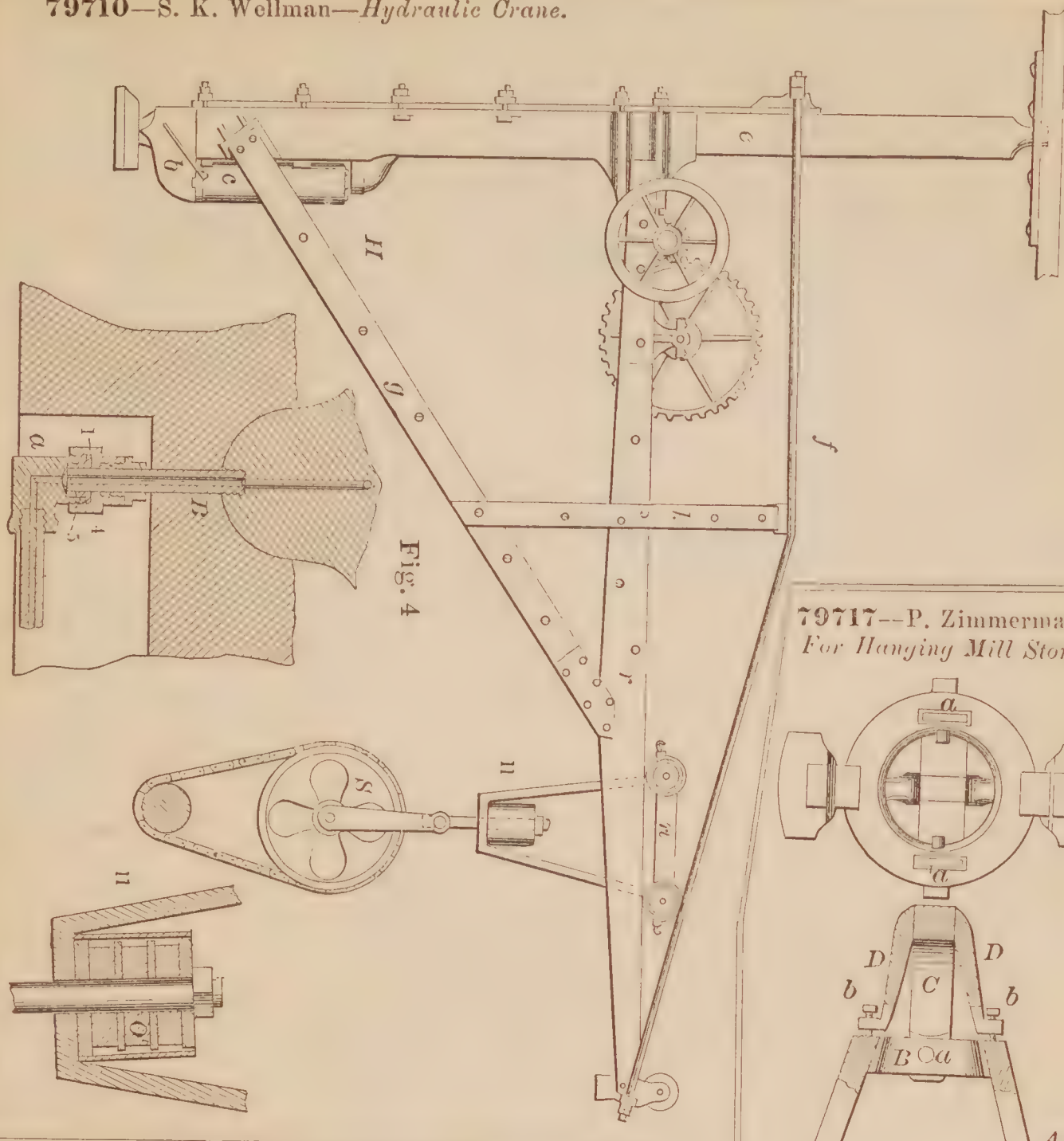
79711—E. I. White—Horse Hay Fork.



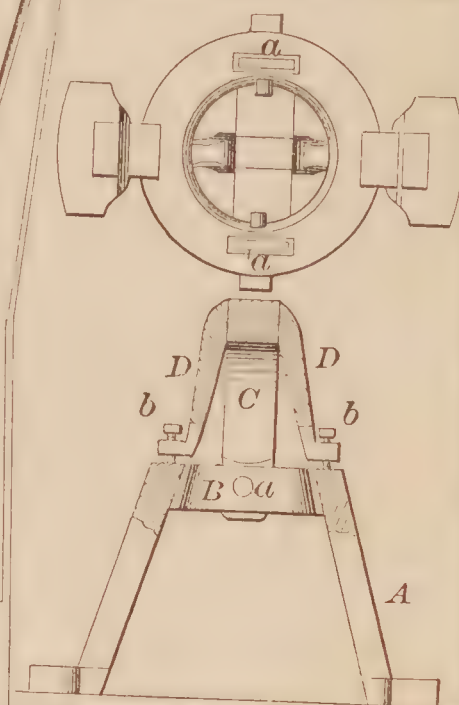
79712—J. H. Williams—Manufacture  
of Floor Cloth.



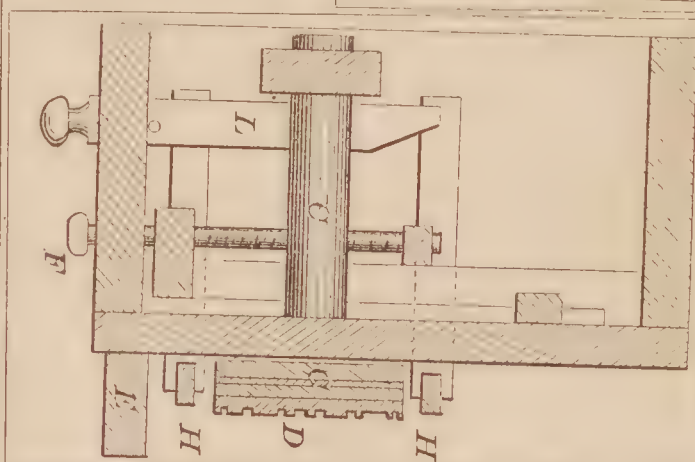
79710—S. K. Wellman—*Hydraulic Crane.*



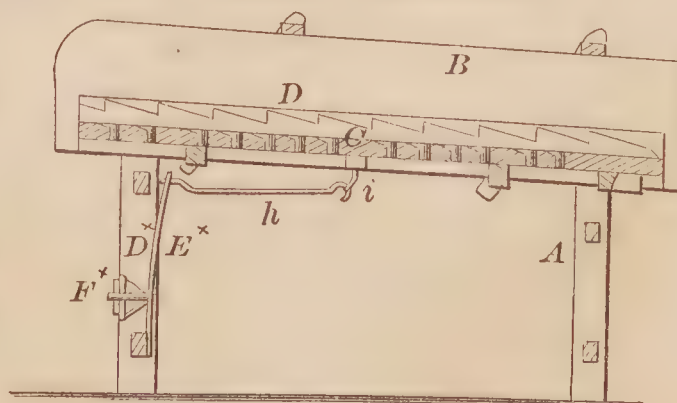
79717--P. Zimmerman—  
*For Hanging Mill Stones.*



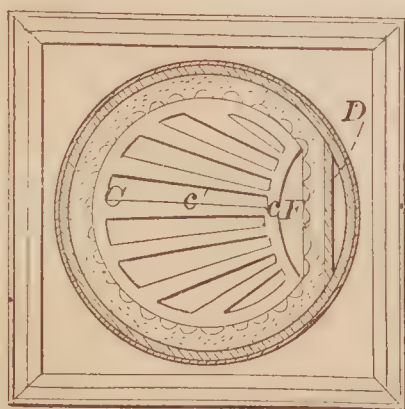
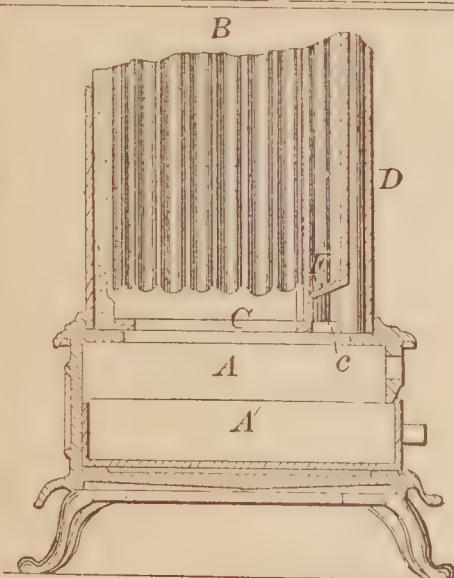
79713—D. B. Wingate—  
For Printing upon Glass.



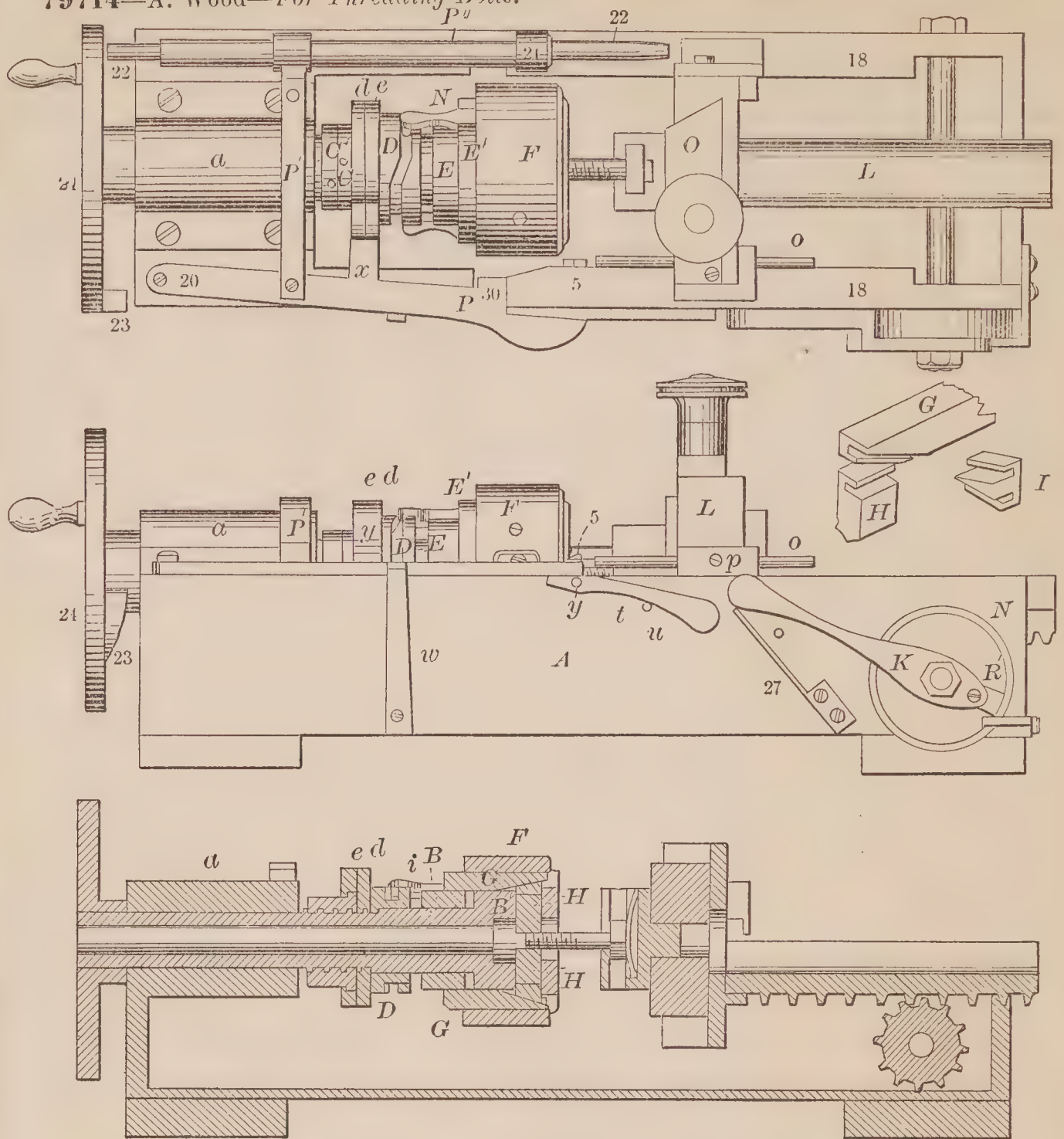
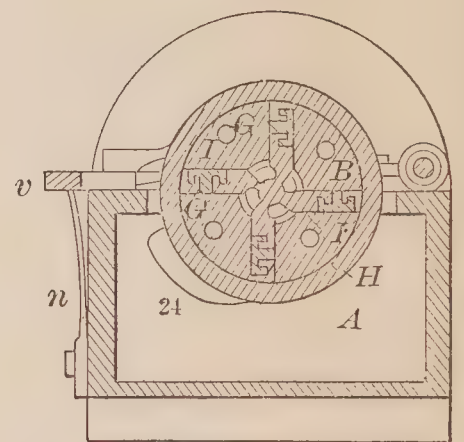
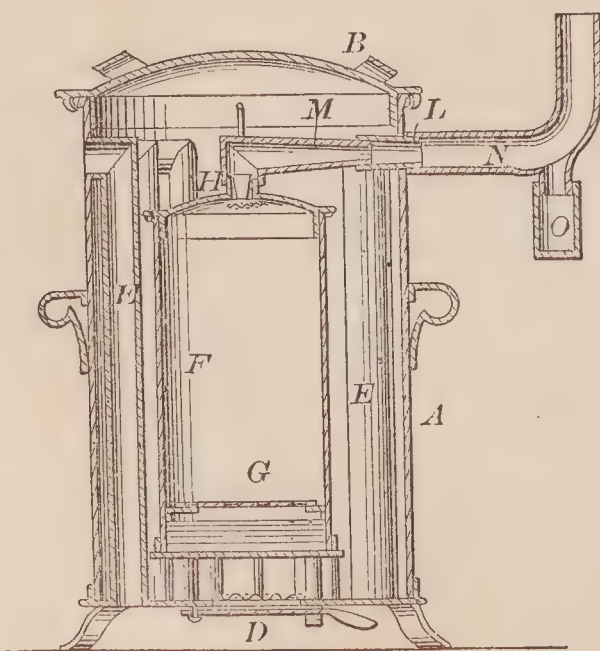
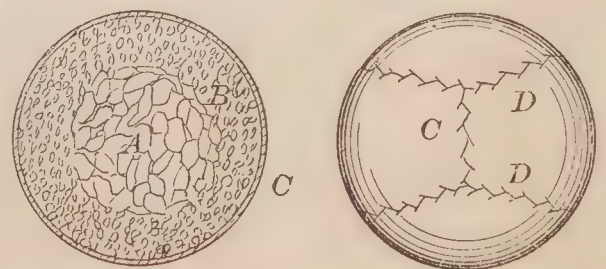
79715--D. S. Yeakel--*Grain Separator.*



79716—J. H. Yocum—Stove Grate.

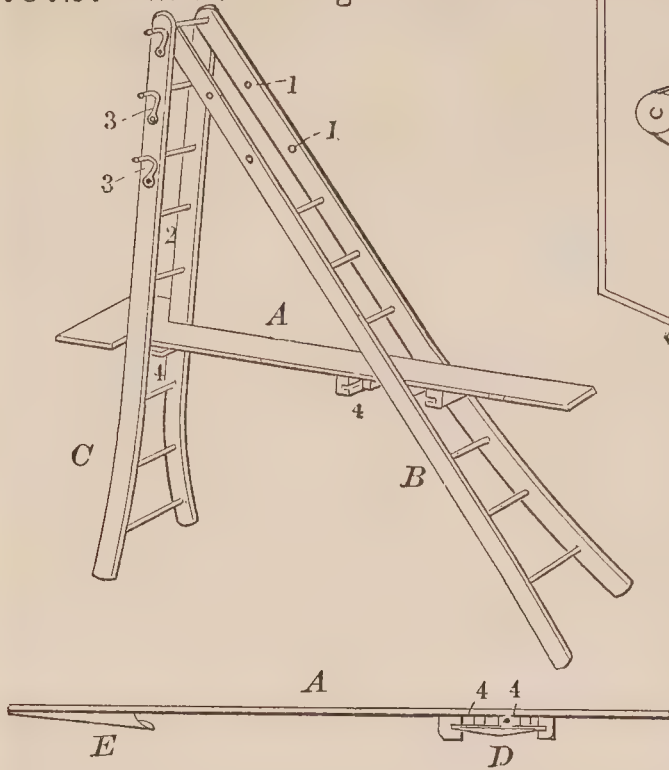
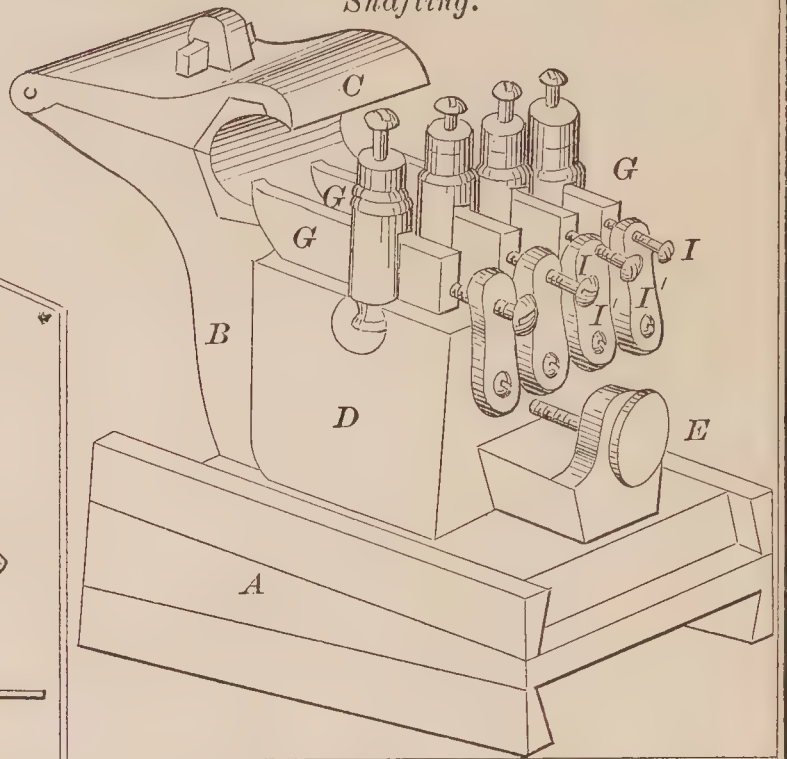
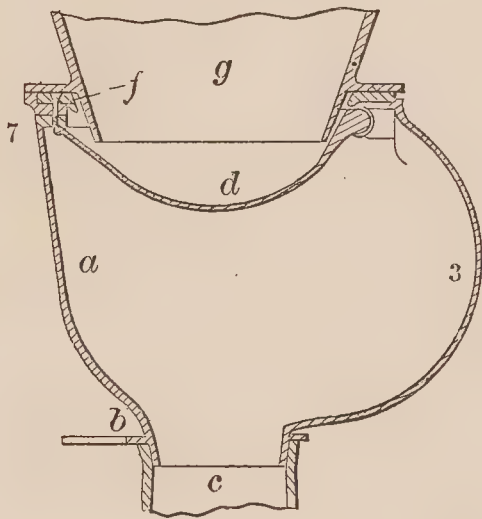
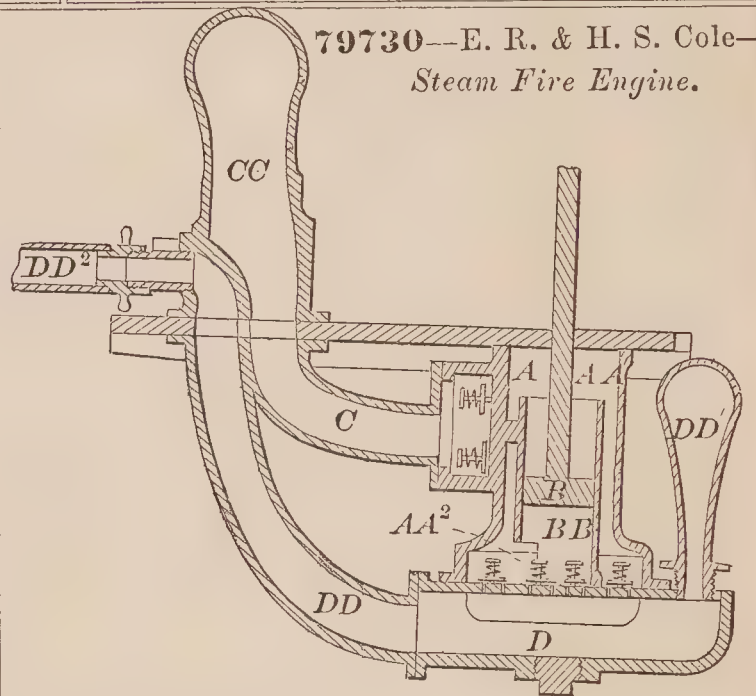
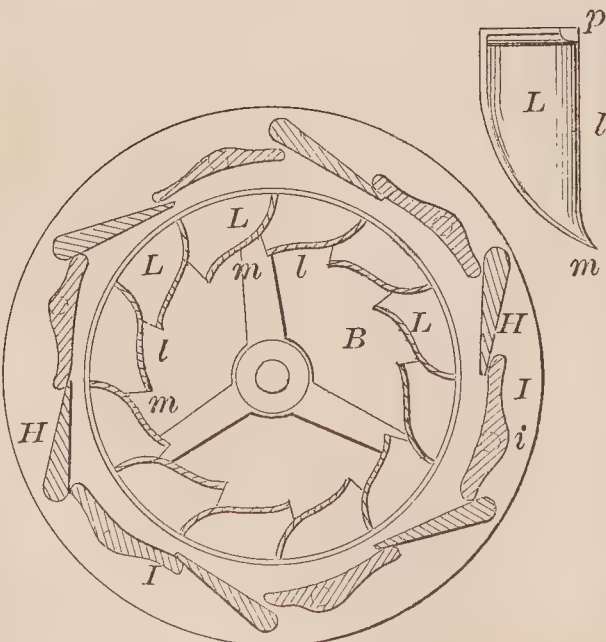
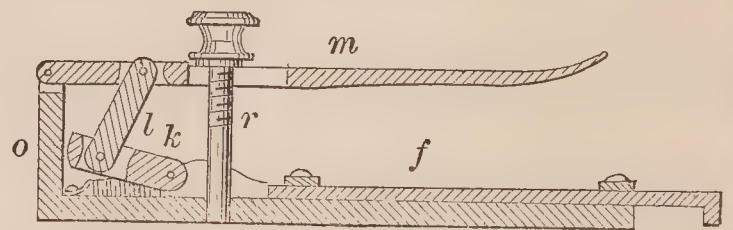
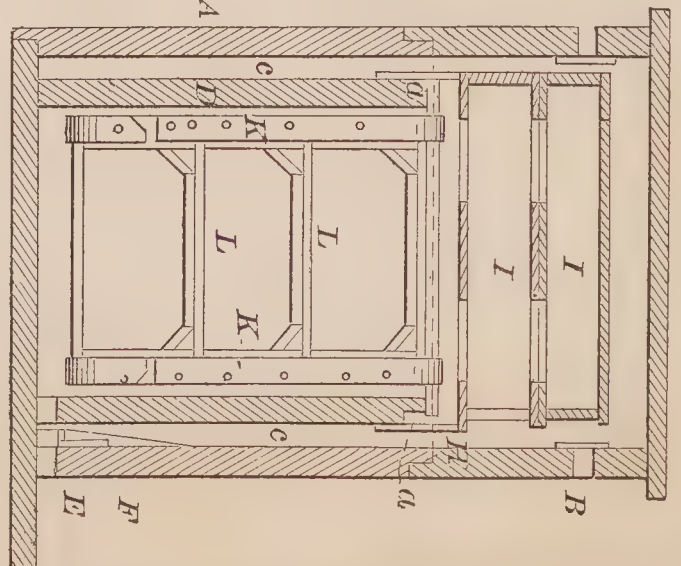




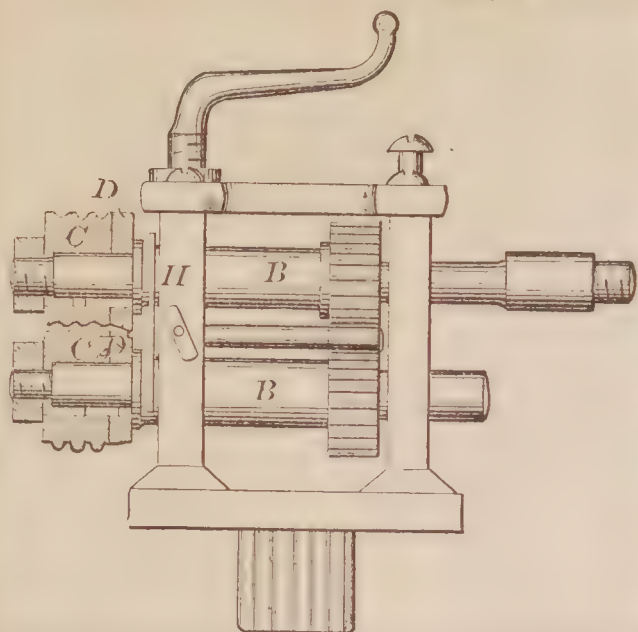
79714—A. Wood—*For Threading Bolts.*79718—F. S. Zumstein—*Heating Stove.*79719—H. A. Alden—*India Rubber Base Ball.*



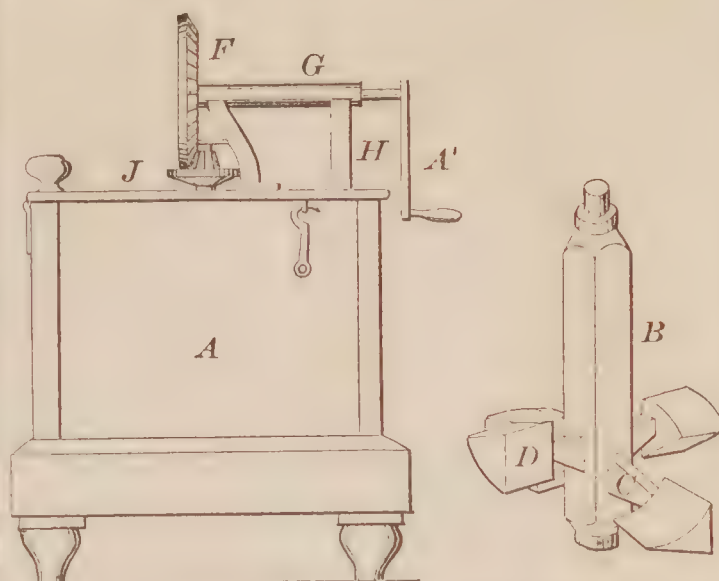


79727—W. L. Burlingame—*Ladder.*79729—J. A. Cleaveland—*Tool for Turning Shafting.*79728—W. S. Carr—*Water Closet.*79730—E. R. & H. S. Cole—*Steam Fire Engine.*79731—J. M. Cook—*Water Wheel.*79733—H. T. Daggett—*Siding Boots and Shoes.*79734—O. Davis—*Beehive.*

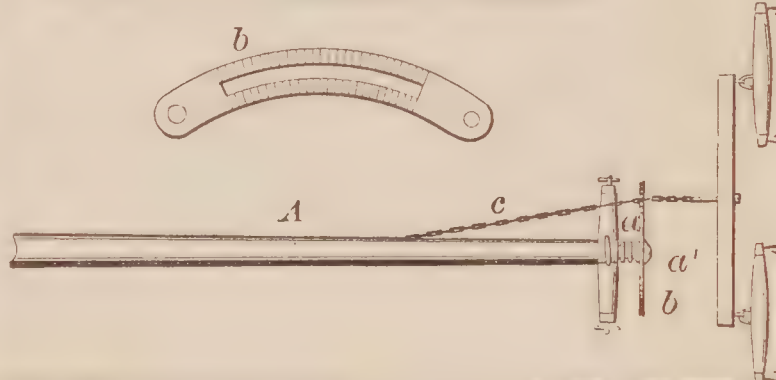
79735—F. S. De Witt—Swaging Machine.



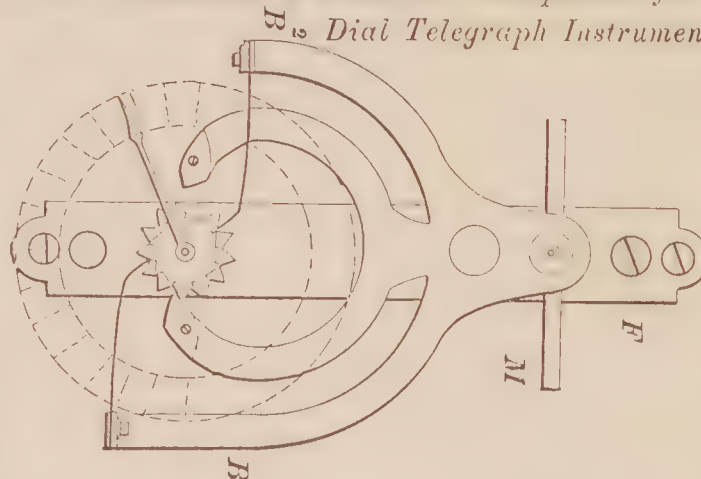
79739—G. H. Dow—Churn.



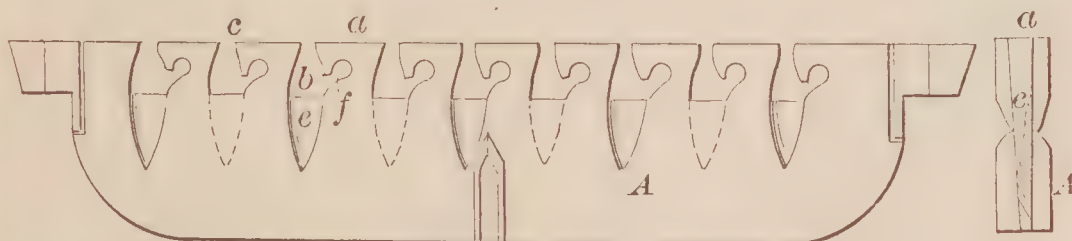
79740—J. J. Duchesne—Harvester.



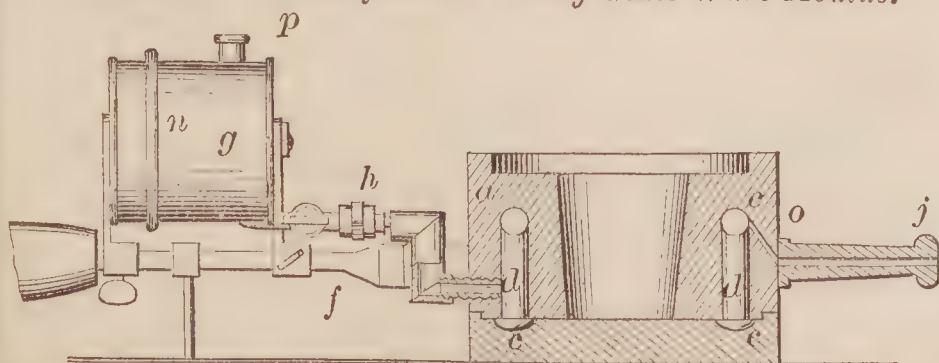
79741—Edmands & Hamblet—Escapement for  
Dial Telegraph Instruments.



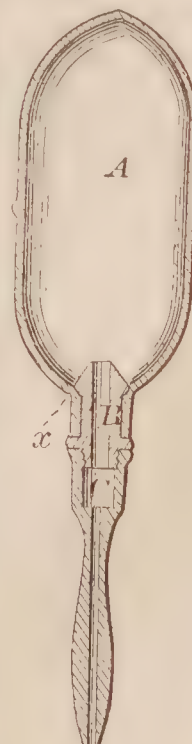
79743—A. C. Fletcher—Grate Bar.



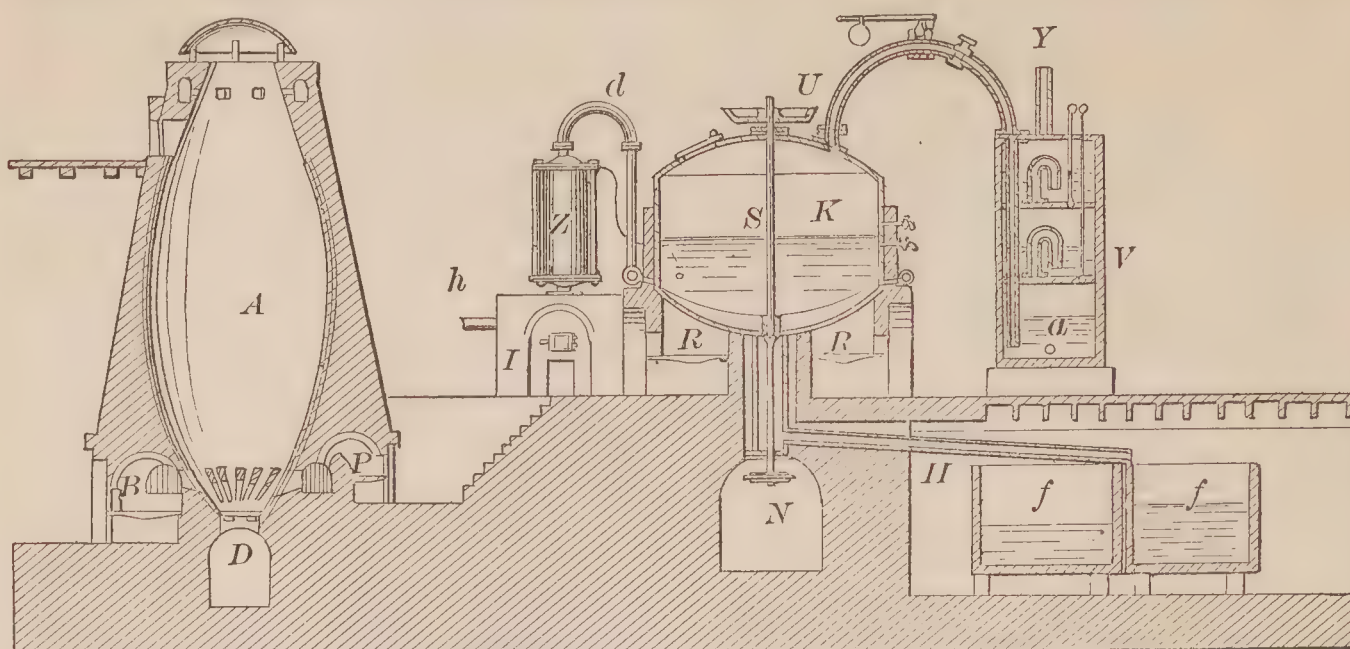
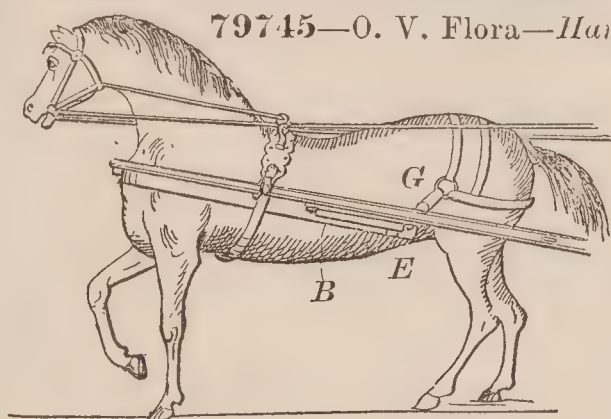
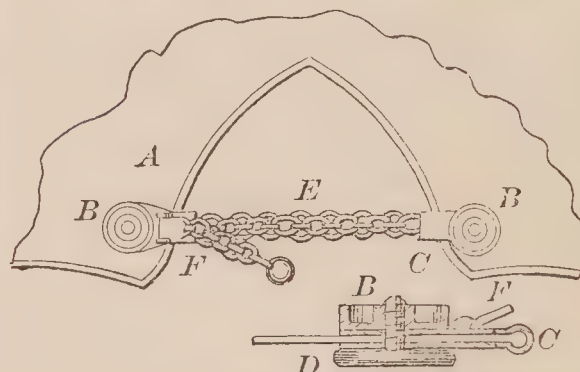
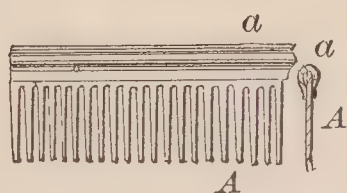
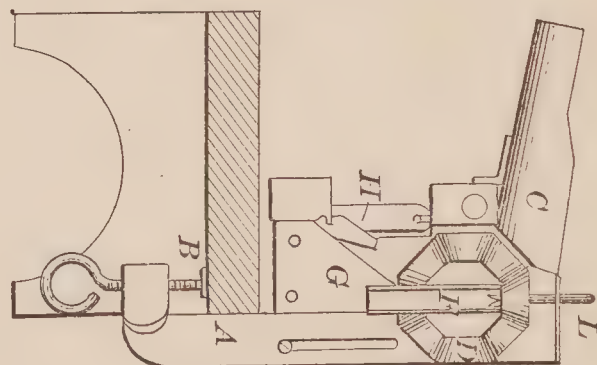
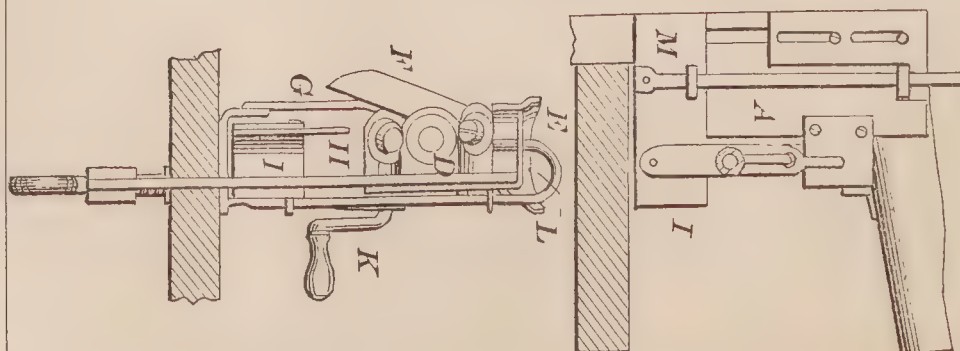
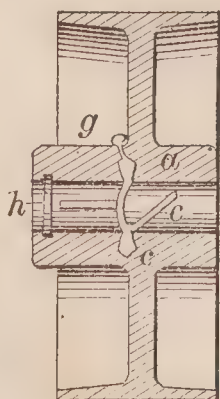
79738—H. Dillaway—For Cooling Glass Ware Moulds.



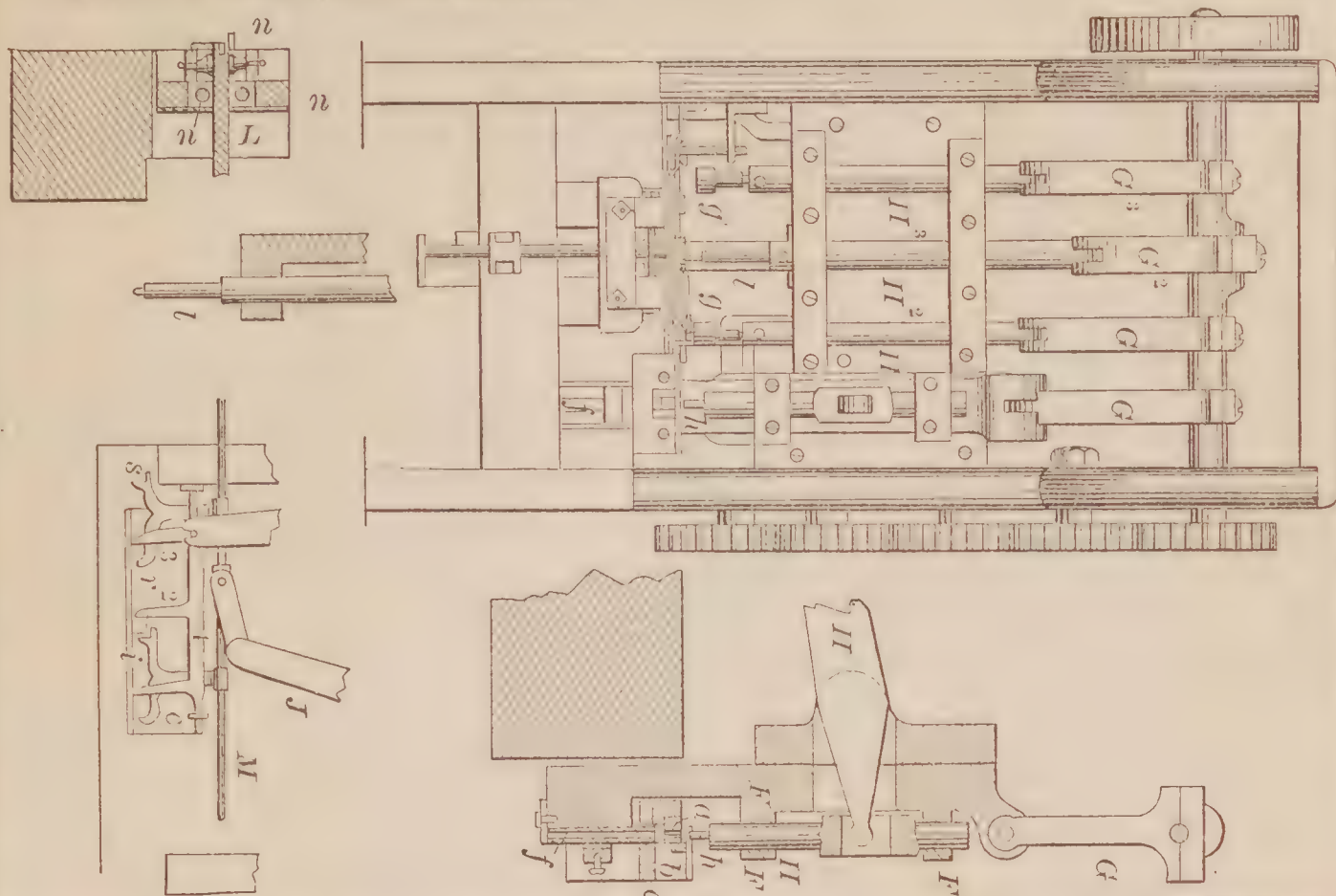
79742—M. Faloon—Syringe.



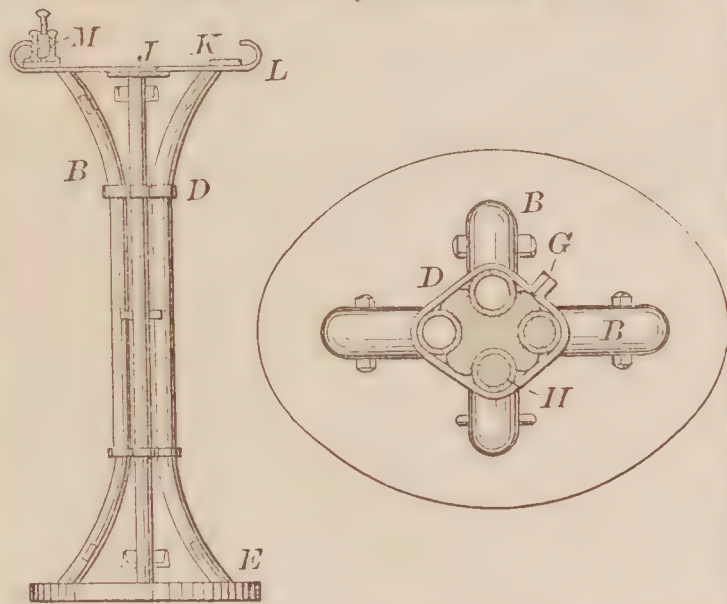


79744—A. L. Fleury—*For Extracting Metals.*79745—O. V. Flora—*Harness.*79746—M. B. Foote—*Glove Fastening.*79750—W. W. Goff—*Channel Buoy.*79747—C. Foster—*Comb.*79748—G. Geer—*Cherry Stoner.*79752—D. Harrington—*Lubricating Pulley.*

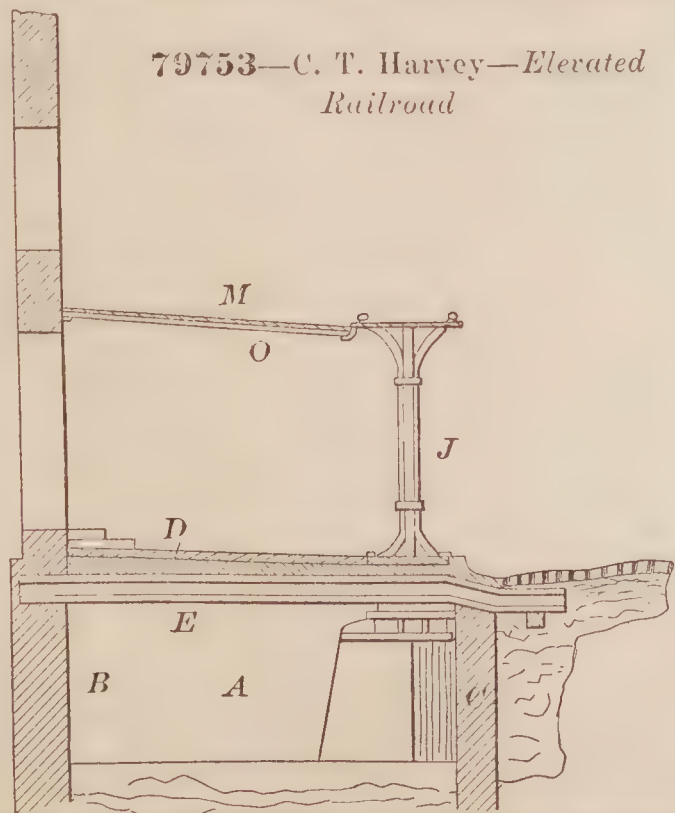
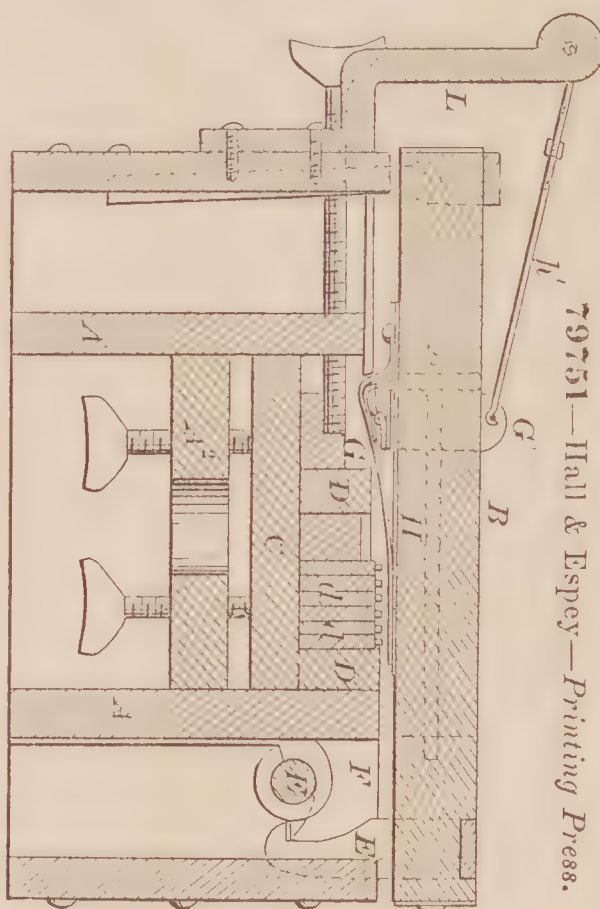
79749—A. B. Glover—*Nut Machine.*



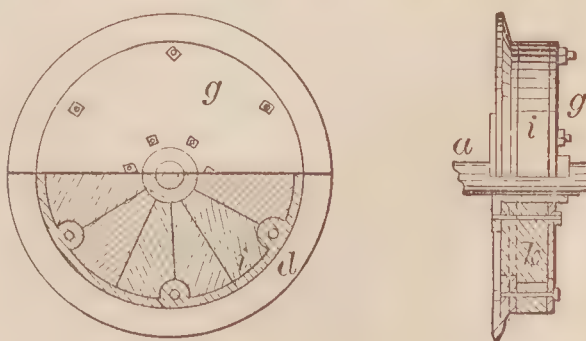
79753—C. T. Harvey—*Elevated Railroad.*



79753—C. T. Harvey—*Elevated Railroad*

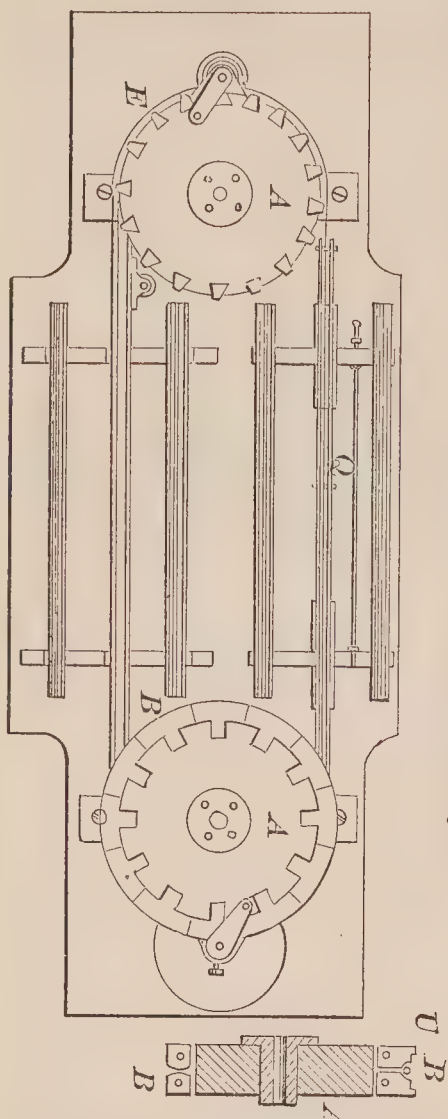
79751—Hall & Espey—*Printing Press*.

79757—C. T. Harvey—*Car Wheel*.

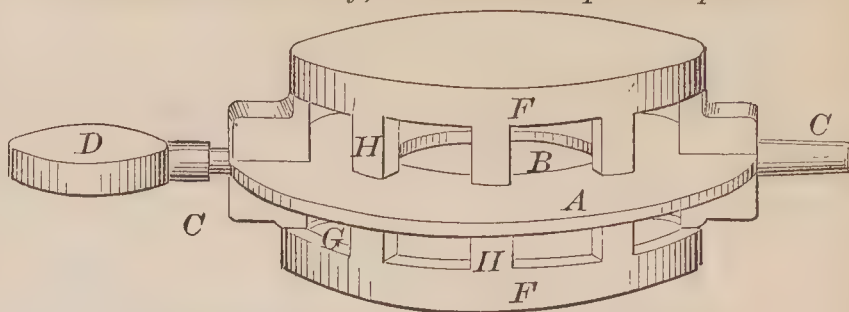




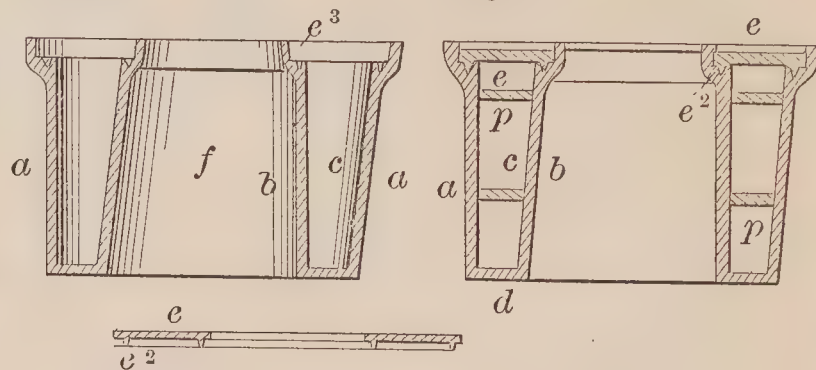
79755—C. T. Harvey—Construction of Elevated Railways.



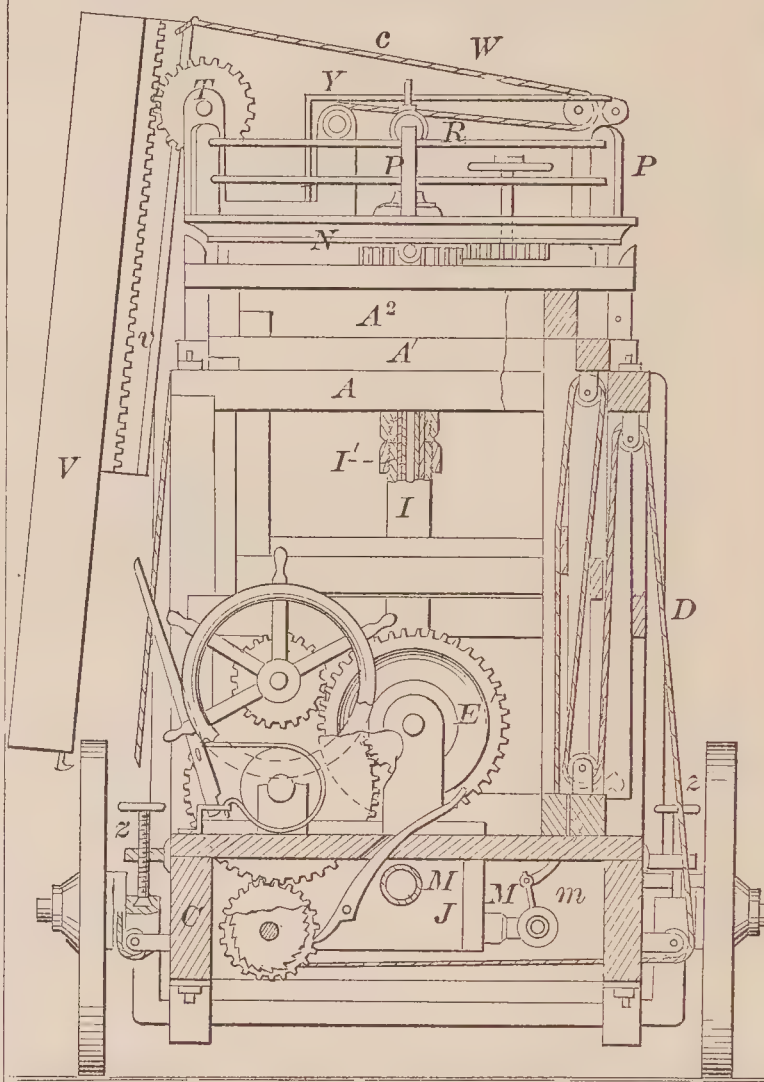
79758—J. Healey, Jr.—Stove Pipe Damper.



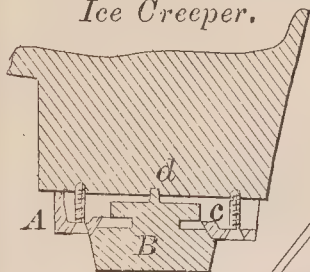
79759—J. Hibell—Annealing Pot.



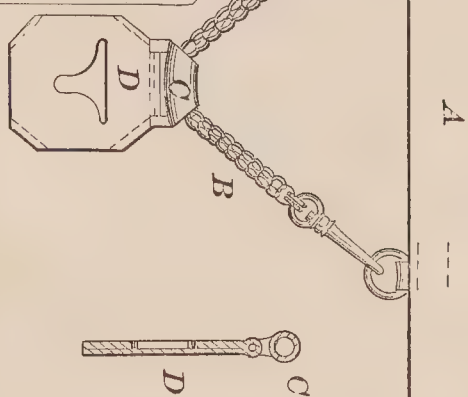
79763—R. H. Jones—Extension Ladder.



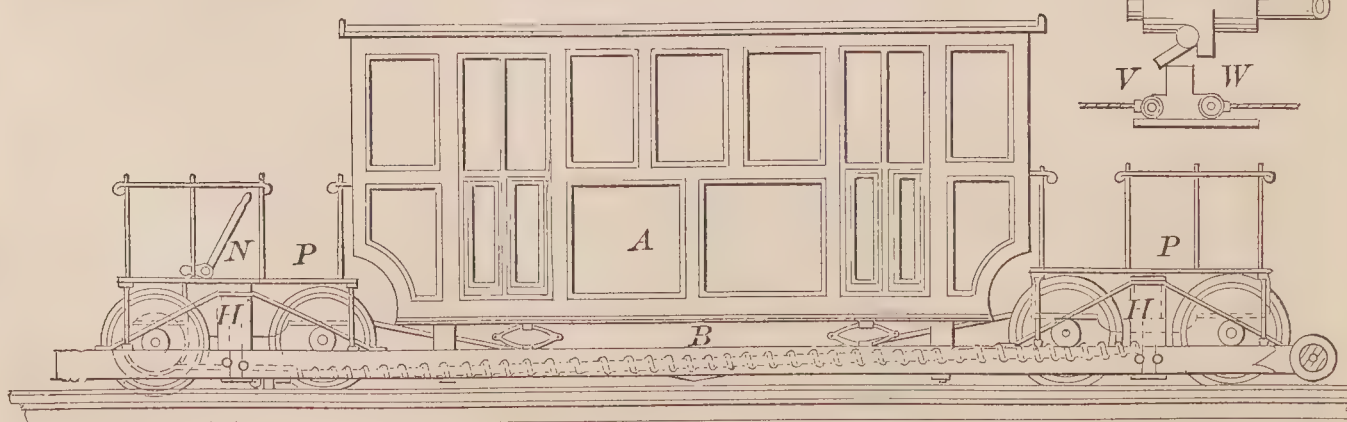
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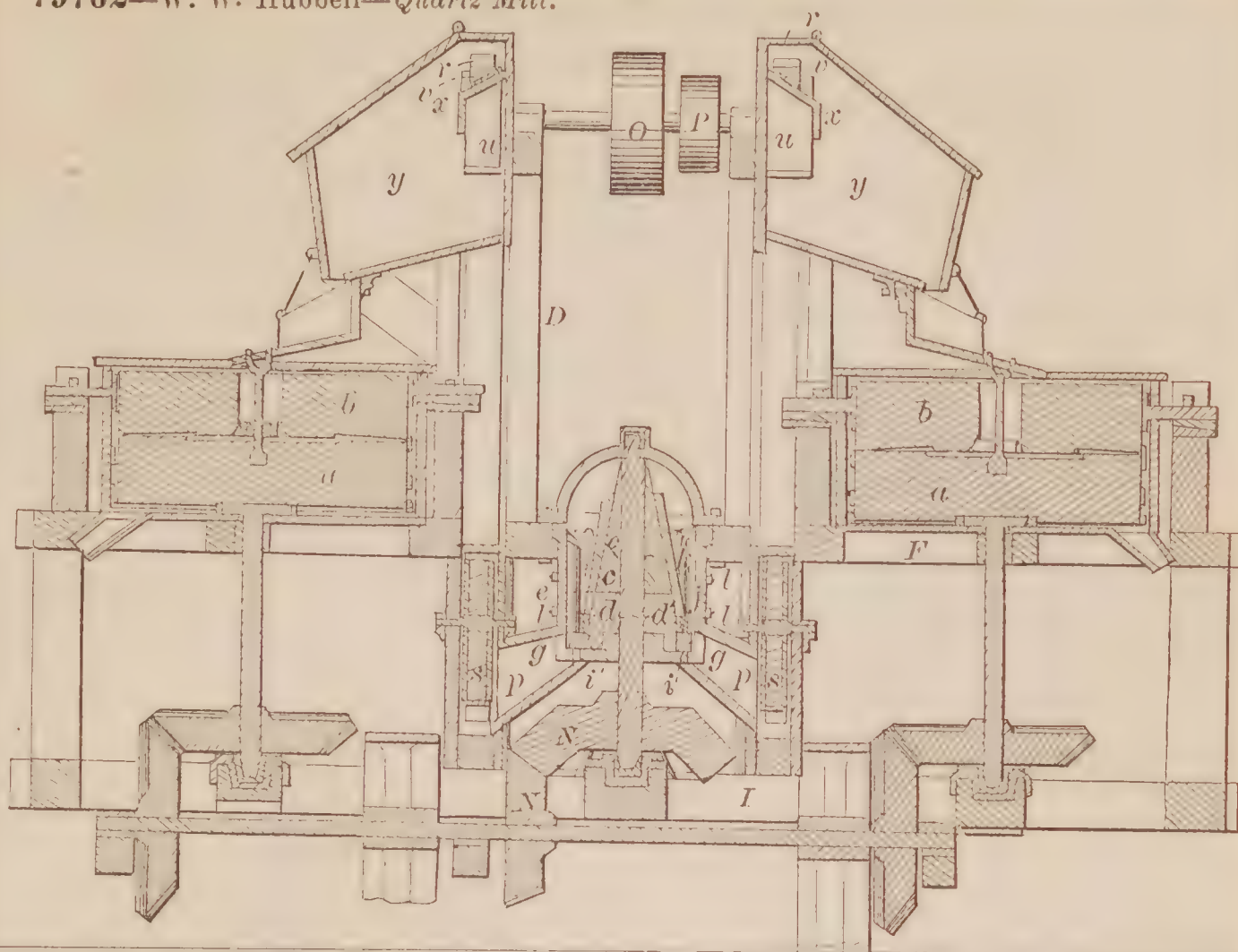
79761—D. B. Howell—Hanging Swords.



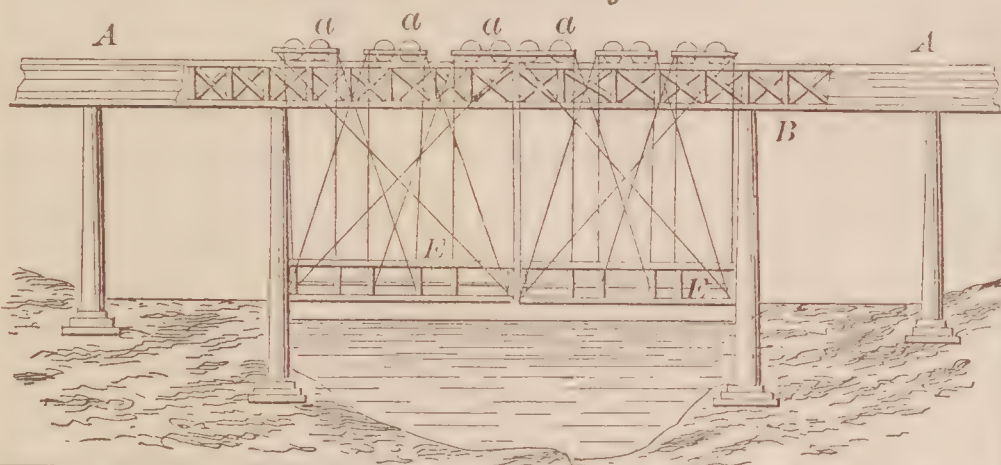
79756—C. T. Harvey—Railway Car.



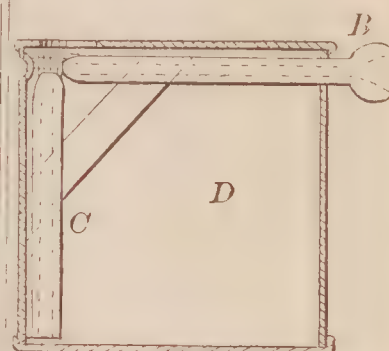
79762—W. W. Hubbell—Quartz Mill.



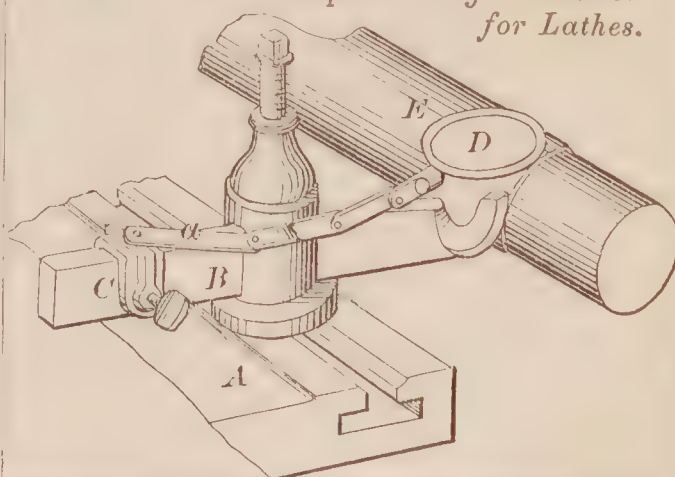
79768—C. K. Marshall—Draw Bridge.



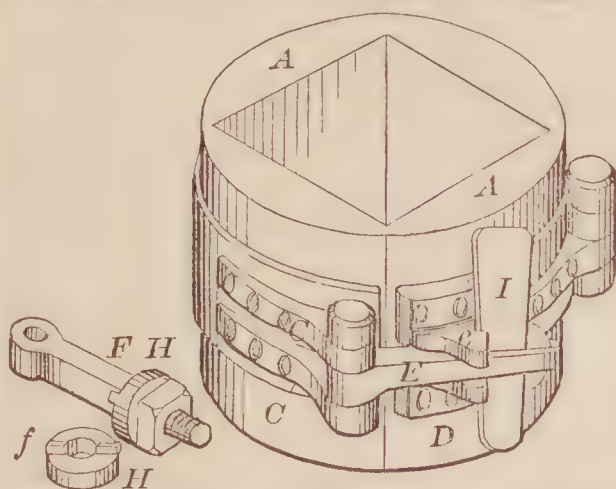
79764—H. Kraut—  
For Atomizing Liquids.



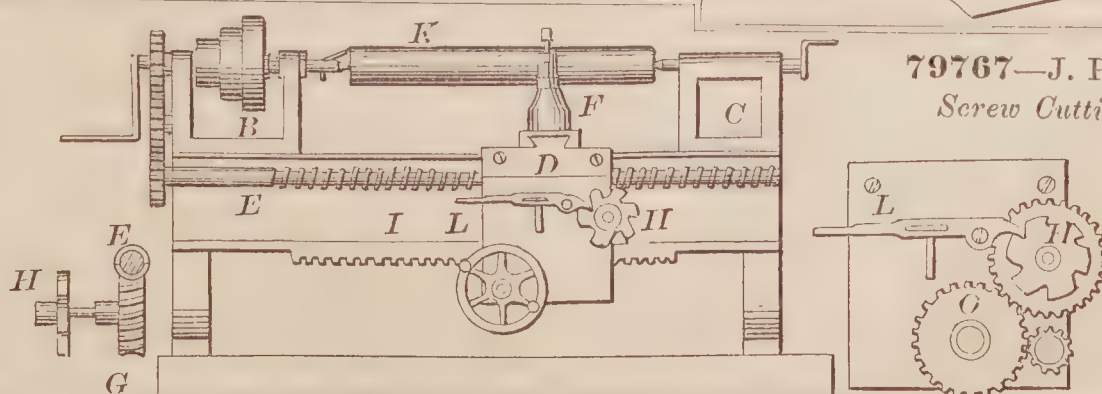
79766—C. T. Lamphere—Eye Protector  
for Lathes.



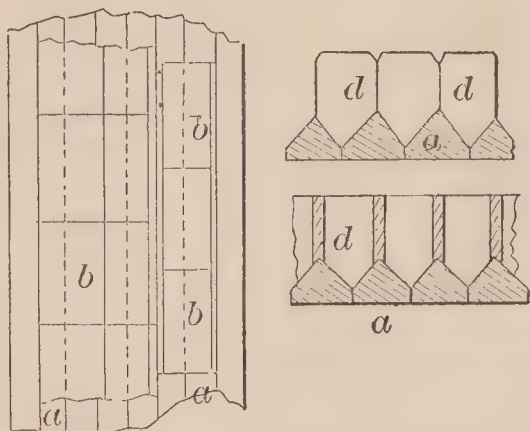
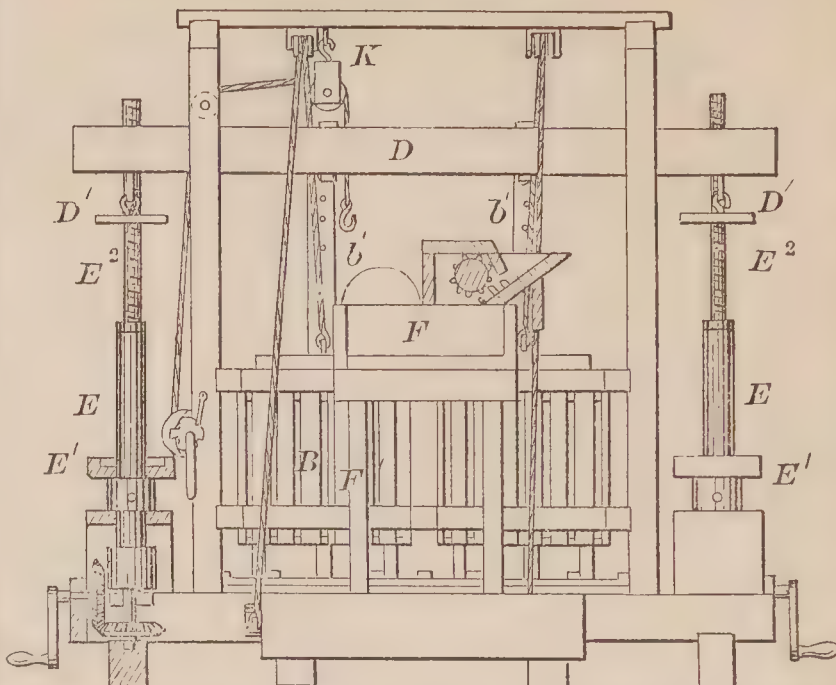
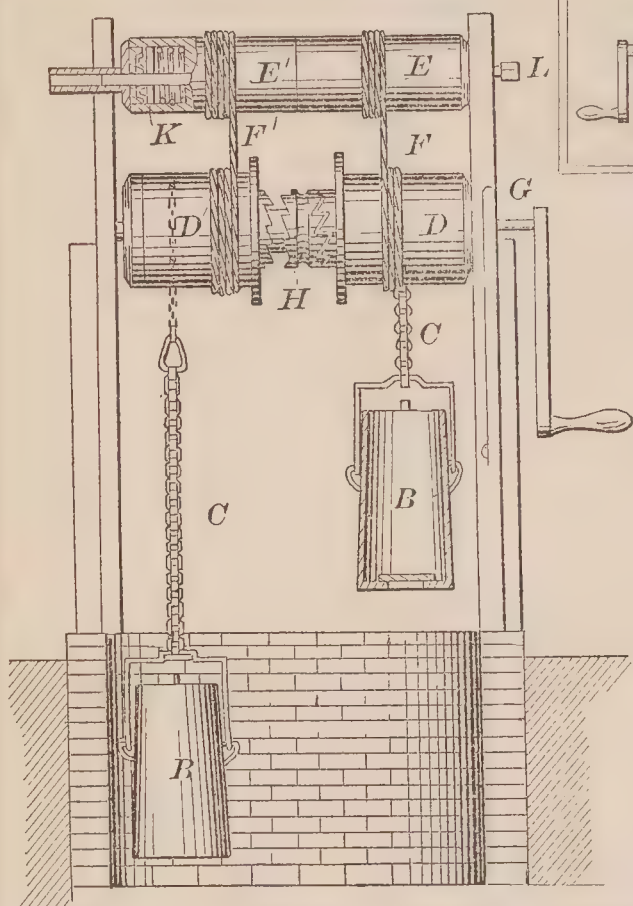
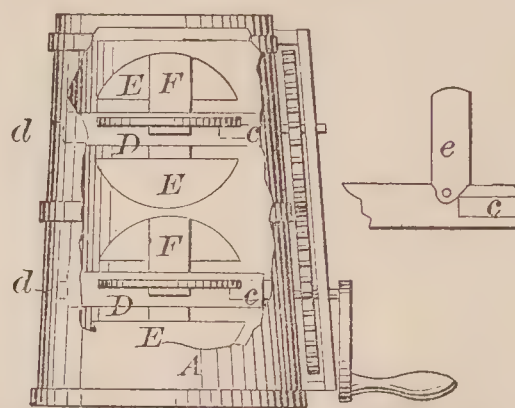
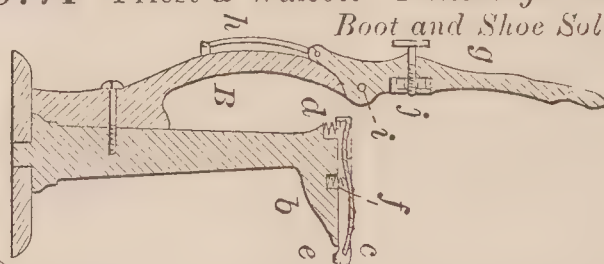
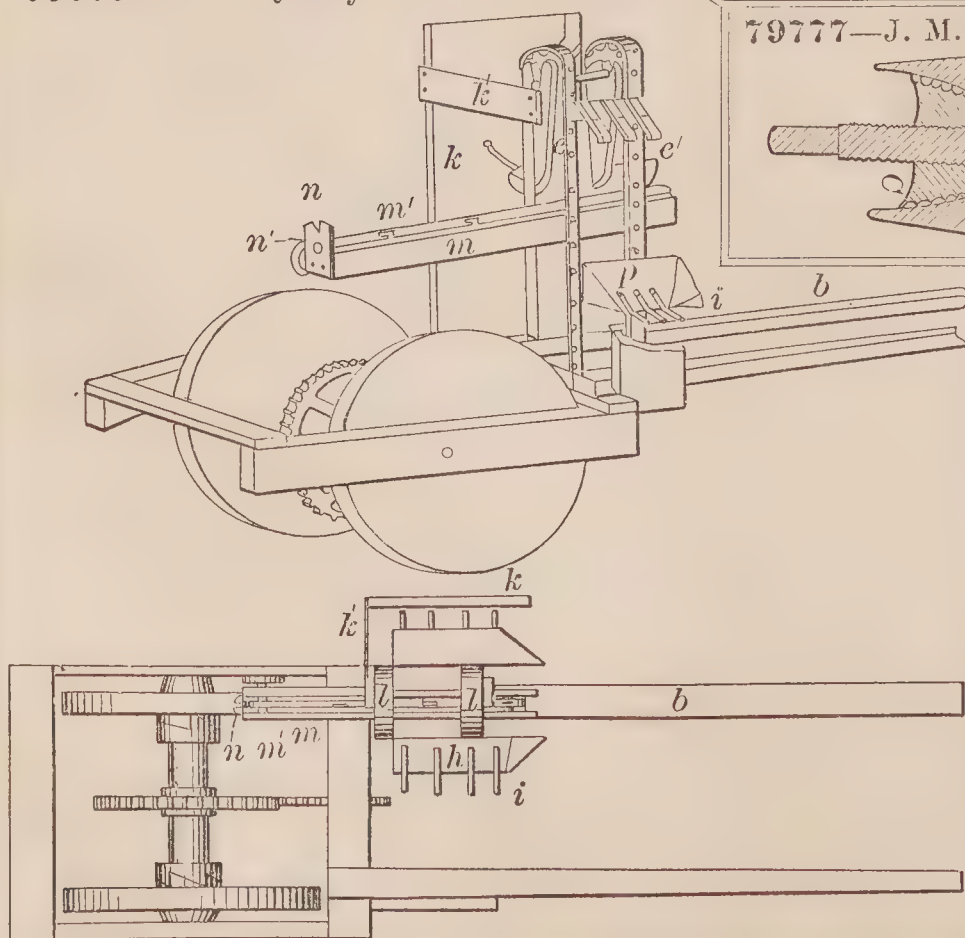
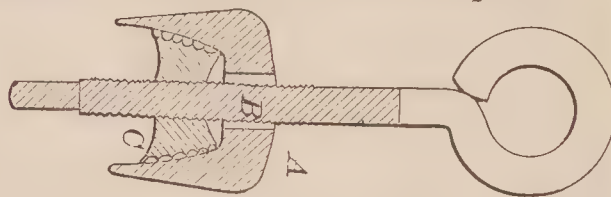
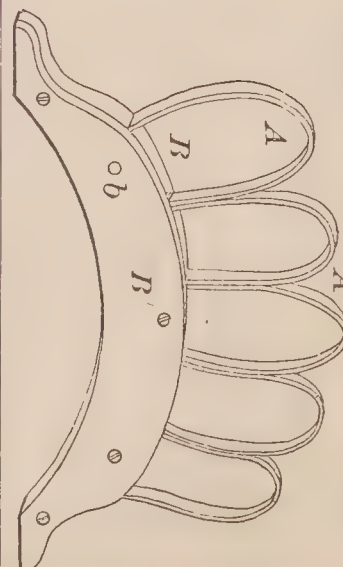
79763—J. H. McIlwain—  
Tobacco Compress.



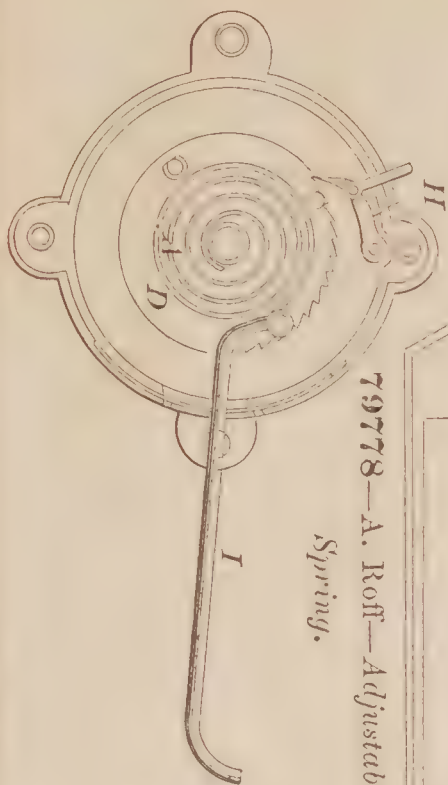
79767—J. P. T. Lang—  
Screw Cutting Lathe.





79770—B. F. Miller—*Pavement.*79771—W. S. Oborn—*Cider Mill.*79772—W. M. Palmer  
*Water Elevator.*79773—P. Penington—*Churn.*79774—Priest & Walcott—*Fastening Linings to  
Boot and Shoe Soles.*79775—E. W. Quincy—*Corn Harvester.*79777—J. M. Read—*Boot Crimper.*79776—A. C. Rand—*Whip Holder.*

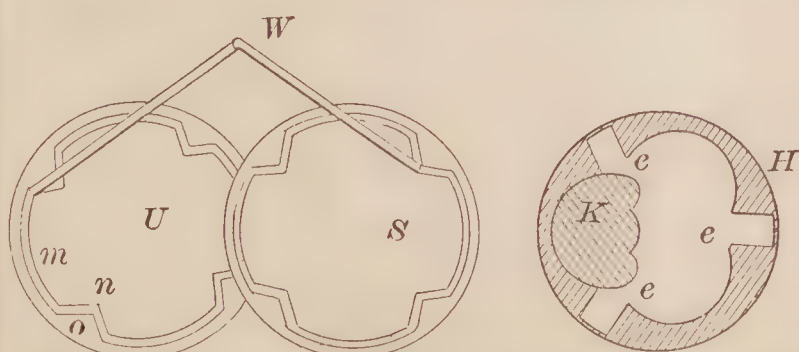
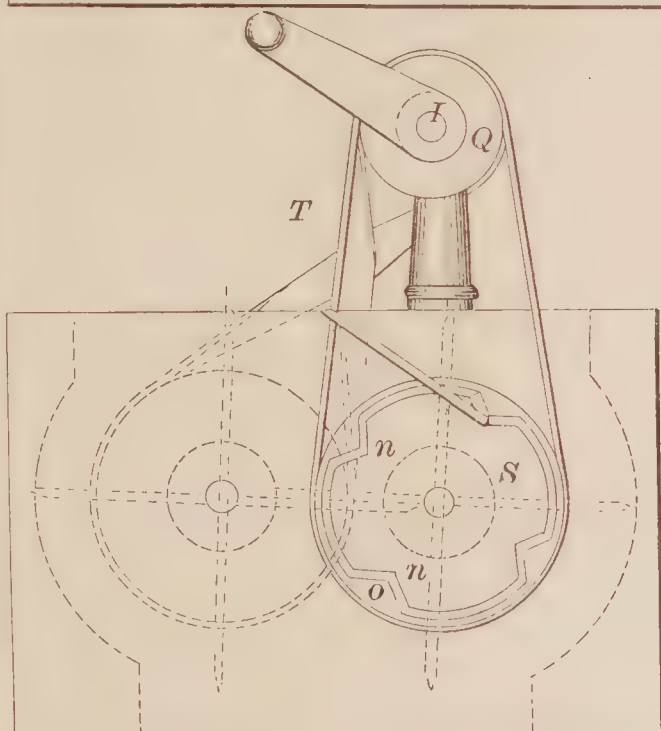
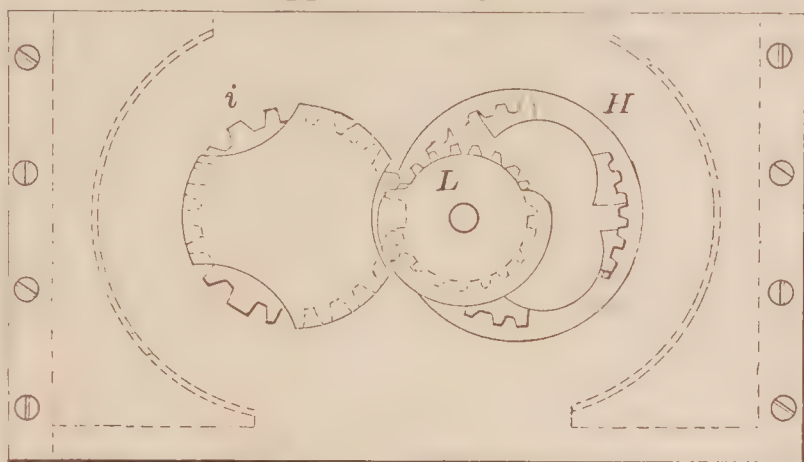
79782—E. S. Russell—*Toy House.*



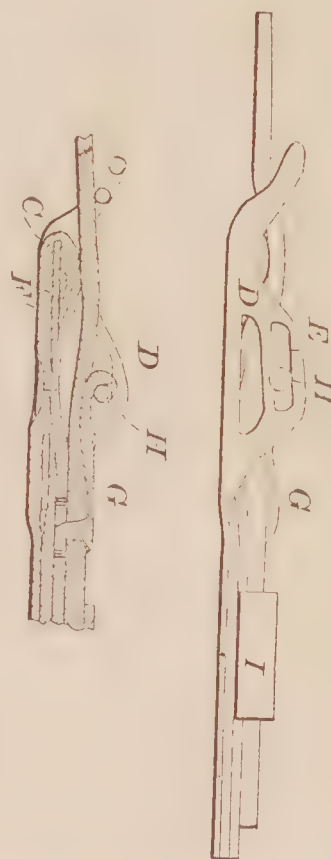
79778—A. Koff—*Adjustable Spring.*



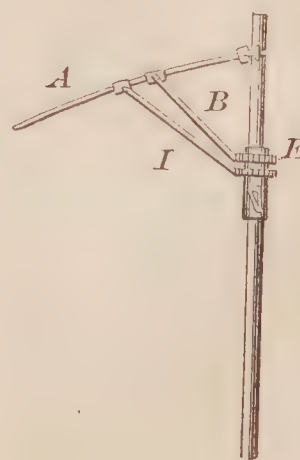
79781—S. P. Ruggles—*Rotary Fluid Elevator.*



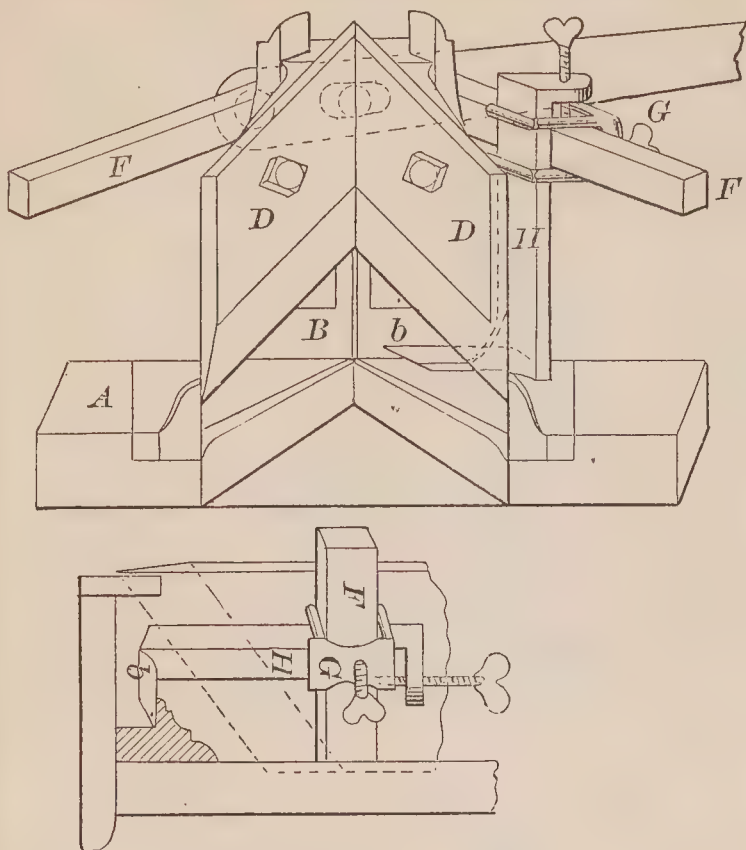
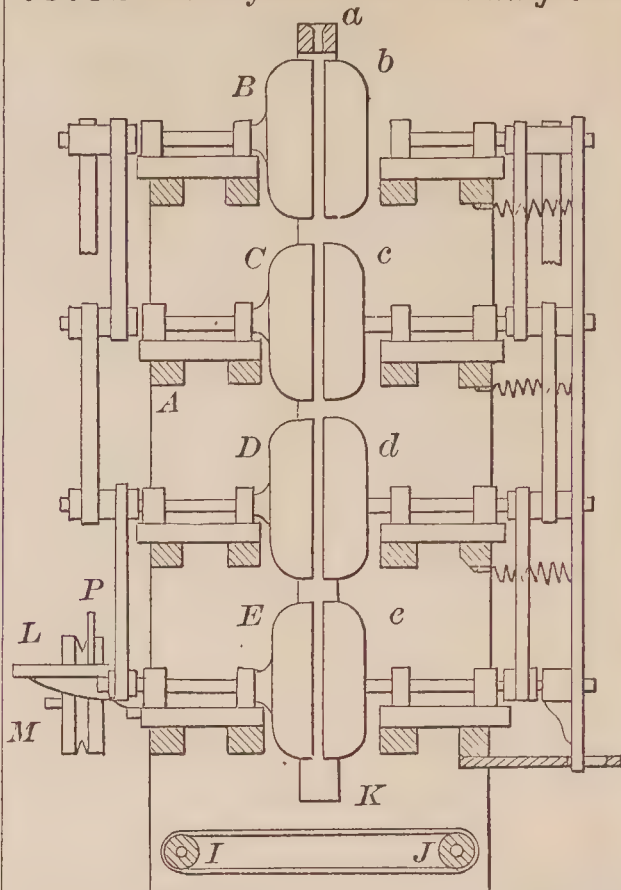
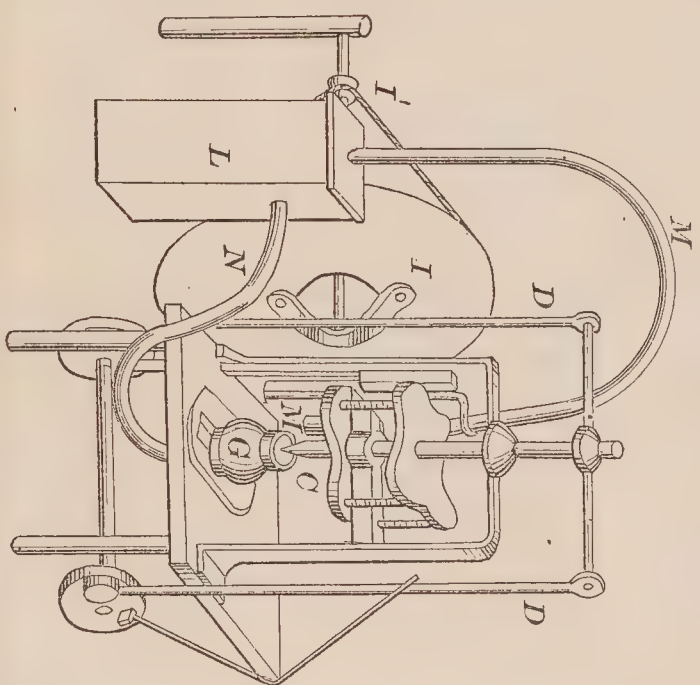
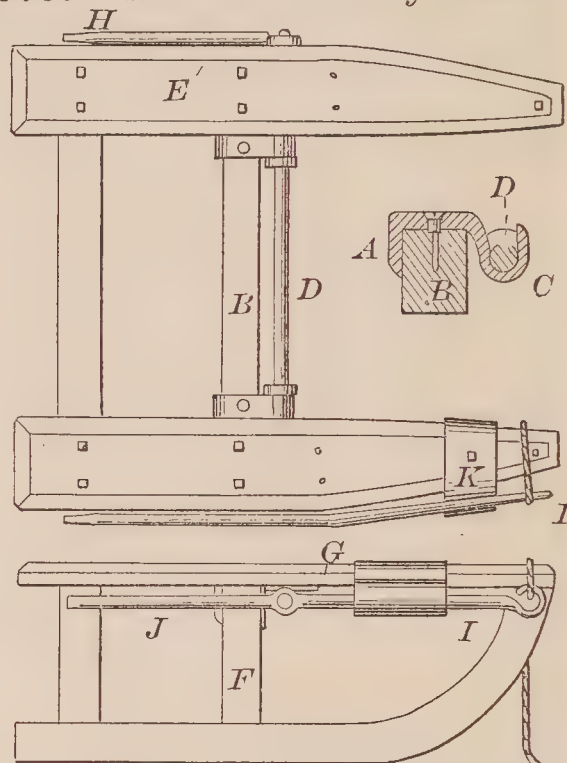
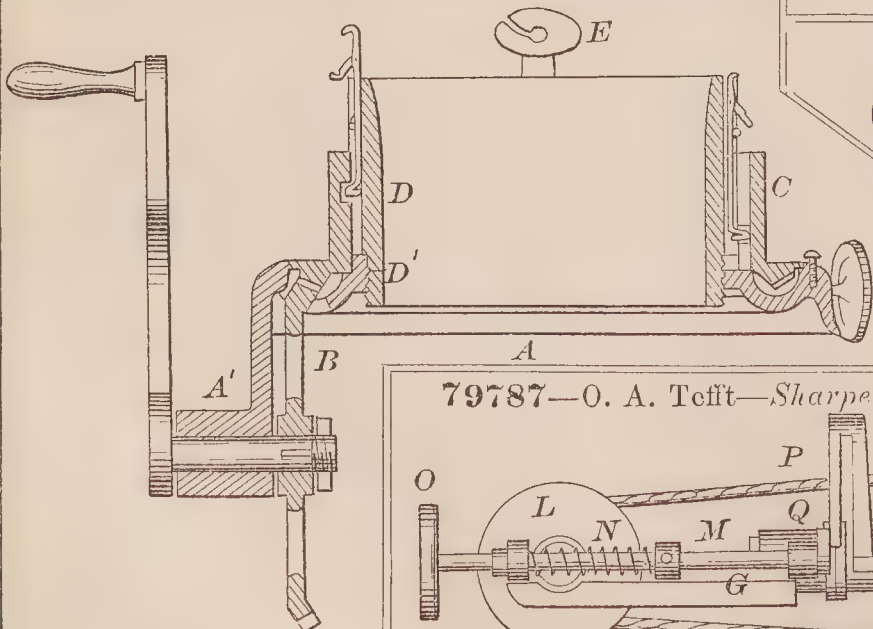
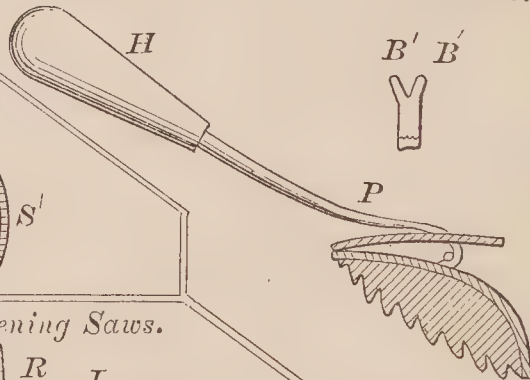
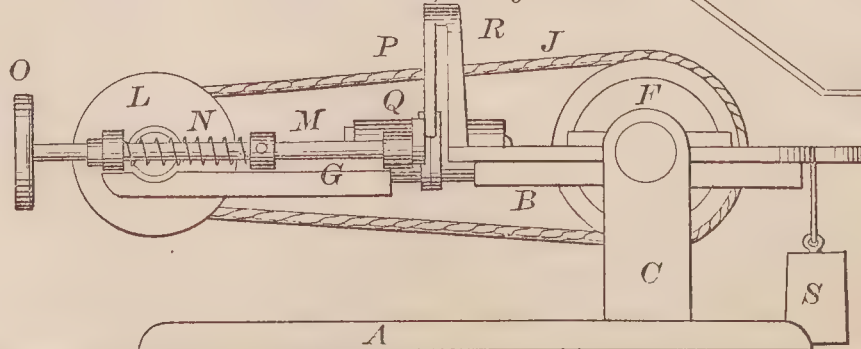
79779—I. Korabuck—*Harness Buckle.*



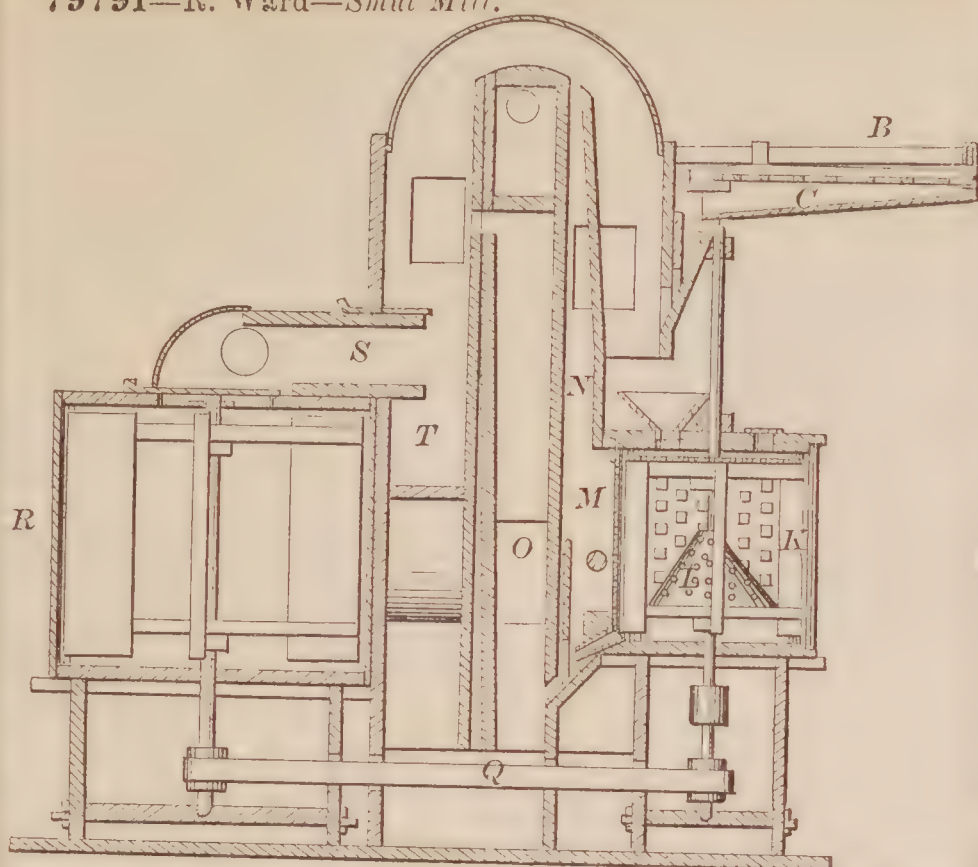
79780—L. Roth—*Umbrella.*



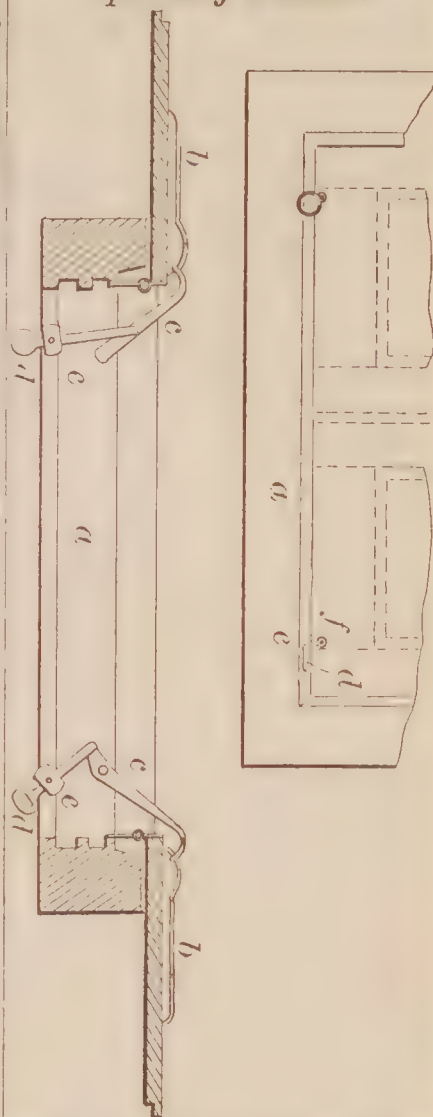


79783—J. M. Seymour—*Mitering Machine.*79784—E. Snyder—*For Polishing Slate.*79786—M. Sweeney—*Glass Pressing Machine.*79785—G. B. Stevens—*Sleigh Brake.*79789—Twombly & Noyes—*Knitting Machine.*79788—E. L. Tevis—*Shoe Hook.*79787—O. A. Telft—*Sharpening Saws.*

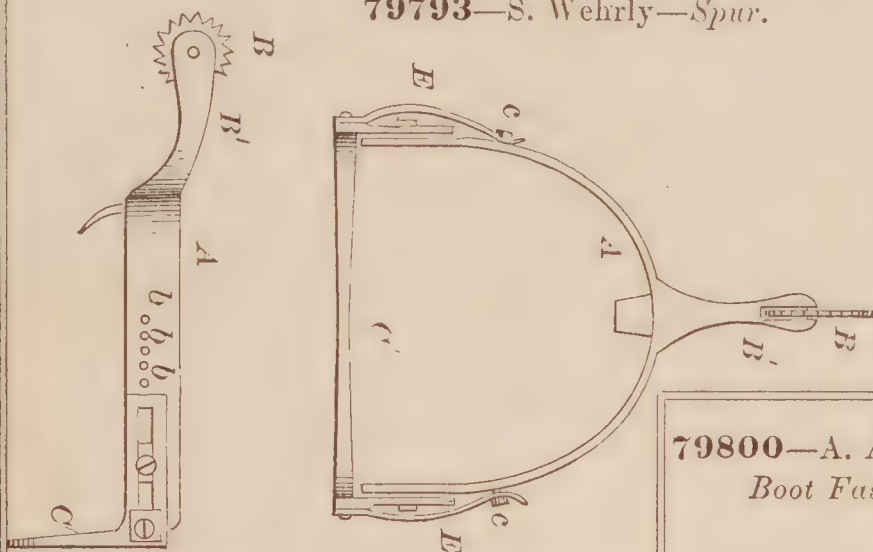
79791—R. Ward—*Smut Mill.*



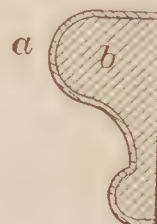
**79792**—T. Watson—*For  
Operating Shutters.*



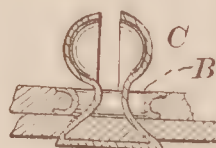
79793—S. Wehrly—*Spur.*



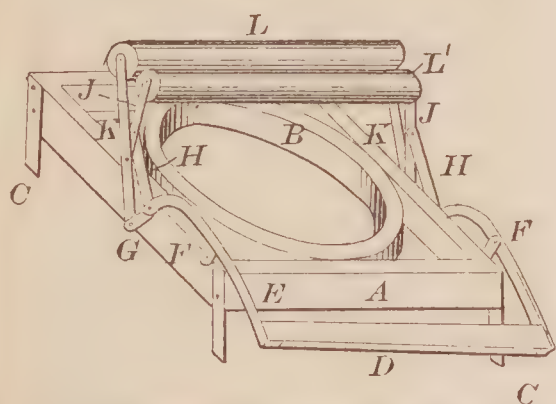
**79794**—S. Whitmarsh—  
*For Forming Moulded  
and Coated Articles.*



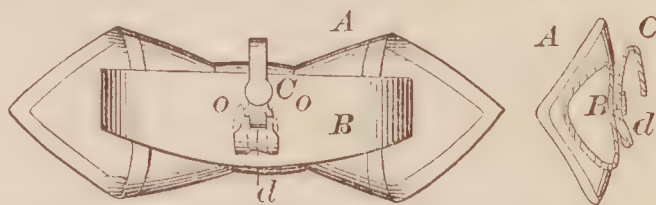
79800—A. A. Abbot—  
*Boot Fastening.*



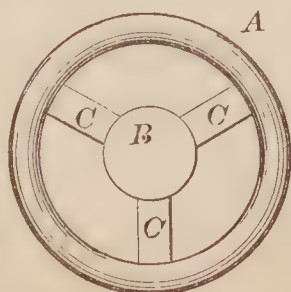
79795—H. B. Willoughby—*Mop  
Wringer*



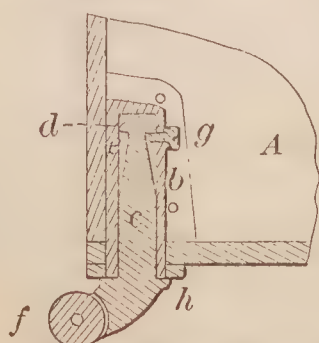
79796—E. Woodward—*Necktie Fastening.*



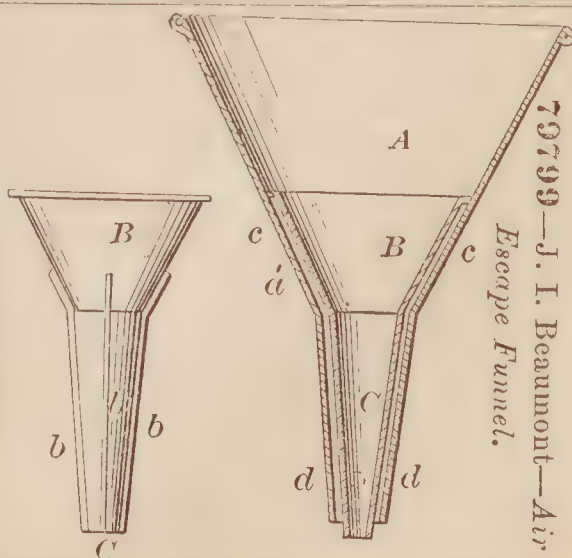
79797—W. Yates—  
*Harness Ring.*



79798—  
W. H. & L. Young—  
*Trunk Caster.*



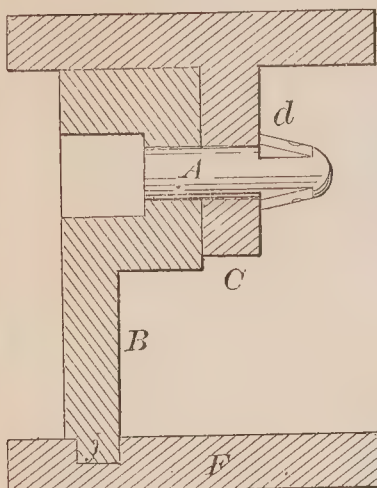
70799—J. I. Beaumont—*Air  
Escape Funnel.*



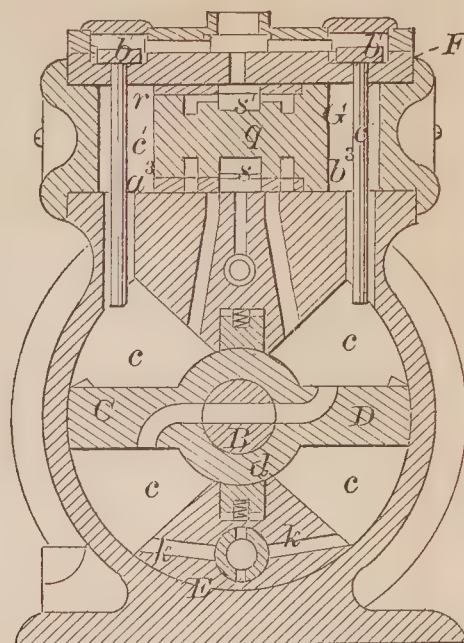
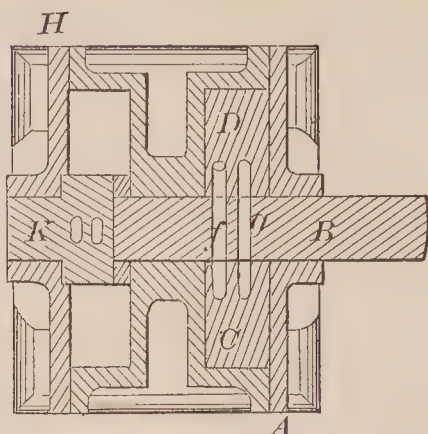


**79801**—A. W. Adams—  
*Self-Locking Bolt for  
Meter Safes.*

Fig. 4



79803—J. S. Barden—*Rotary Steam Engine.*



79806—G. W. Bowlsby—  
Revenue Stamp.

Fig. 2

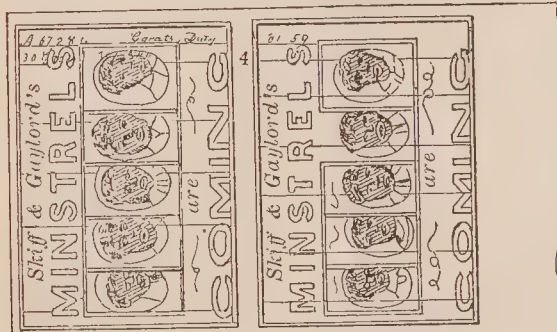


Fig. 3

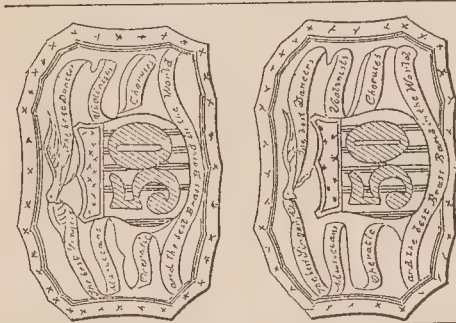


Fig. 5

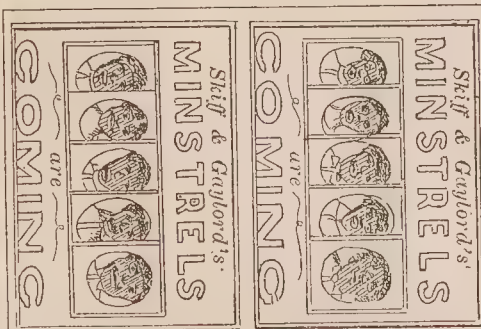
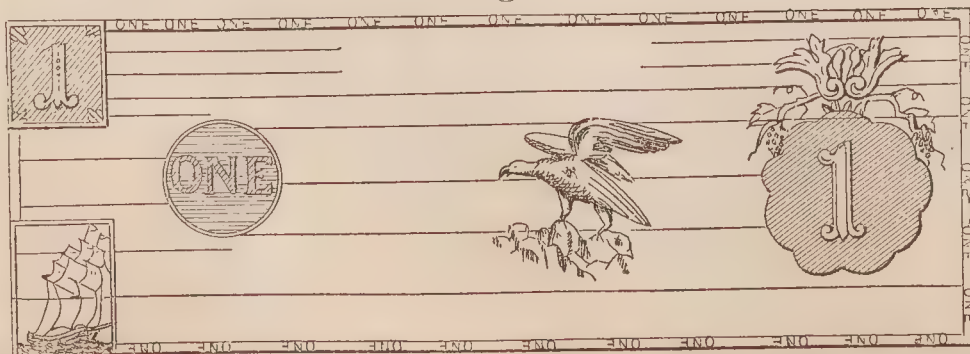

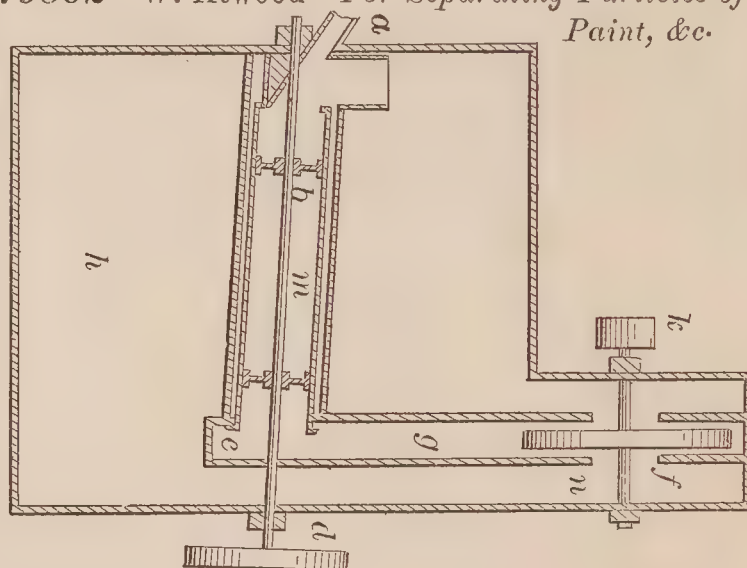


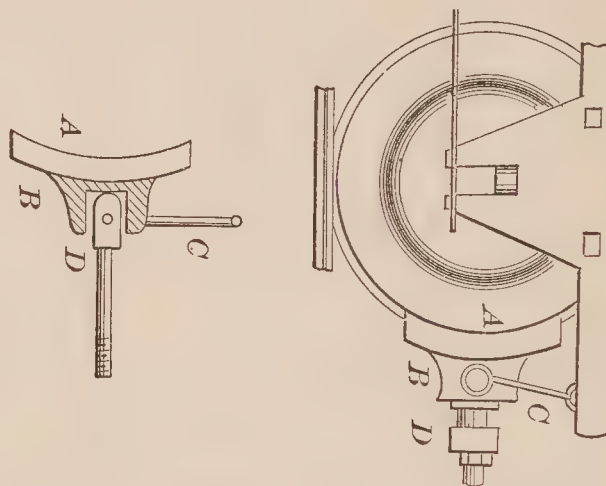
Fig. 4



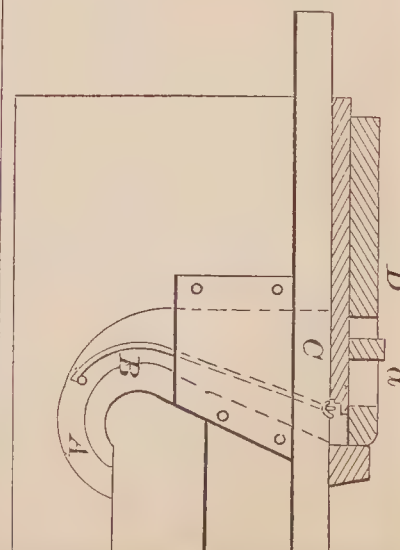
79802—W. Atwood—*For Separating Particles of*  

*Paint, &c.*



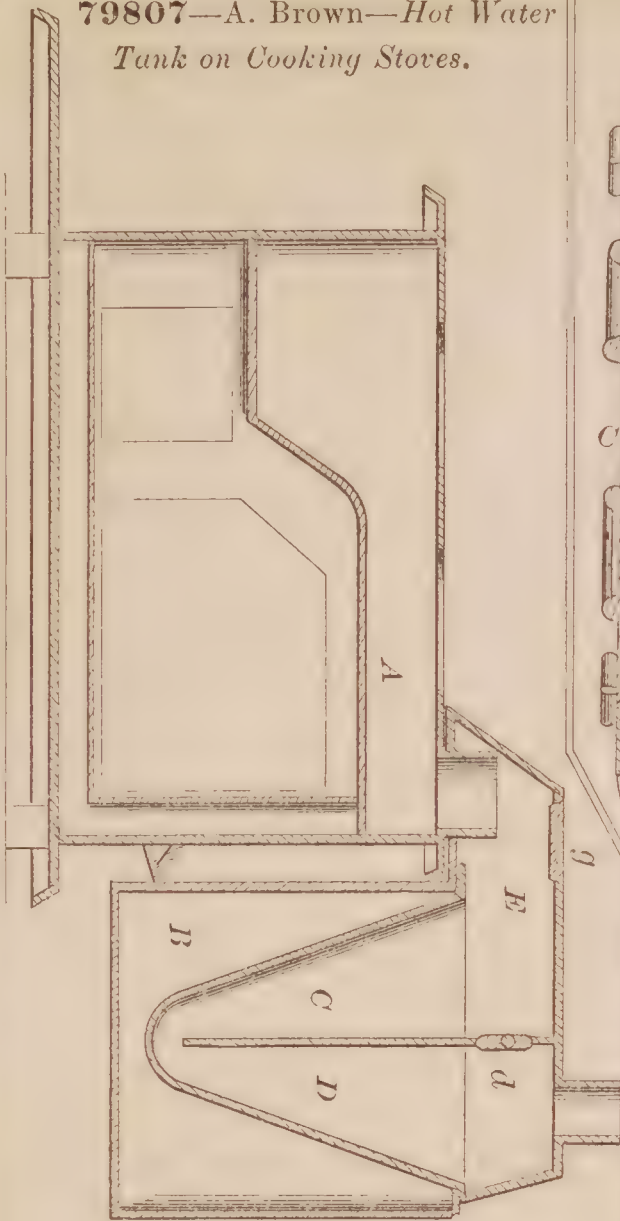
79805—W. P. Blades—  
*Car. Brake.*



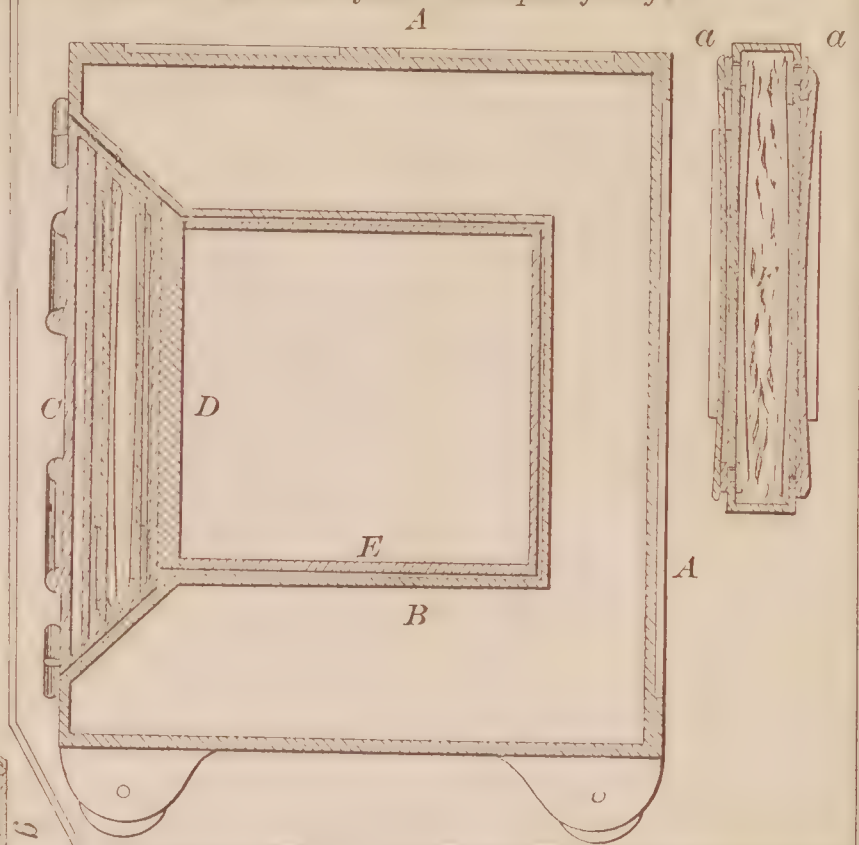
79804—J. L. Beers—  
*Scroll for Water Wheels.*



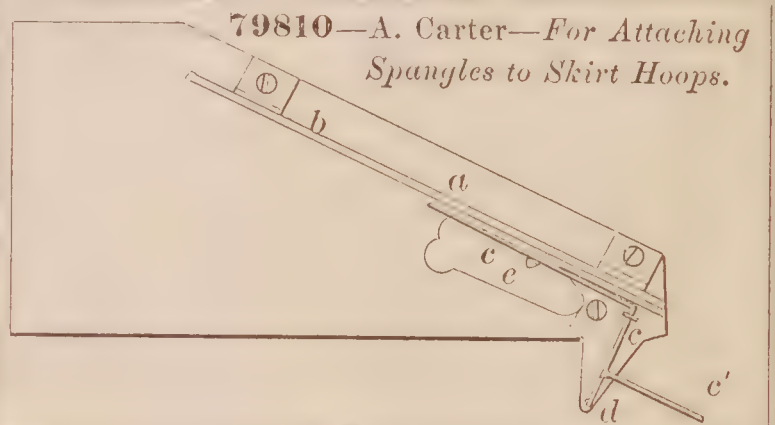
79807—A. Brown—*Hot Water Tank on Cooking Stoves.*



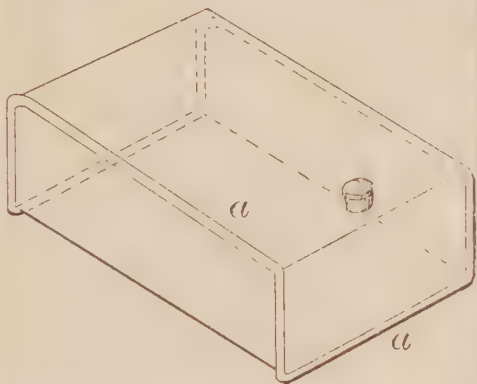
79808—H. H. Bryant—*Fireproof Safe.*



79810—A. Carter—*For Attaching Spangles to Skirt Hoops.*



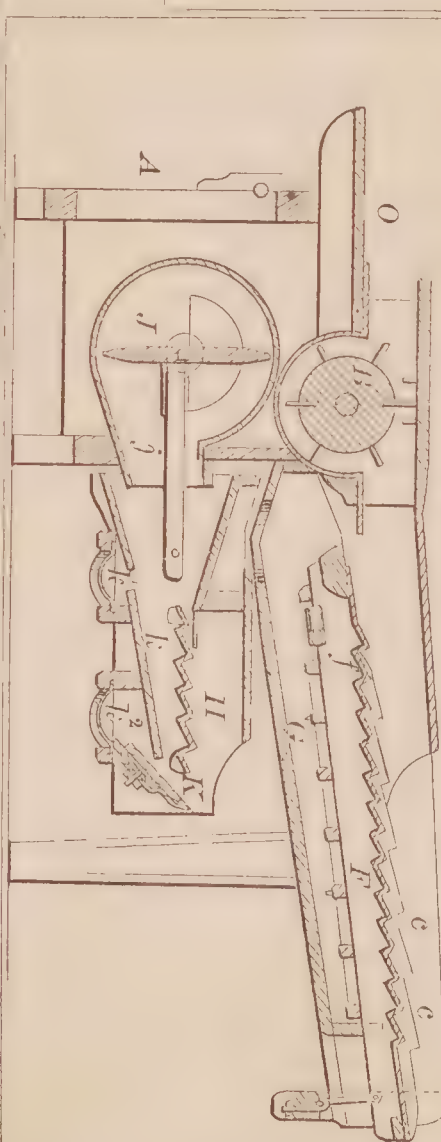
79809—H. H. Bryant—*Fireproof Structure.*



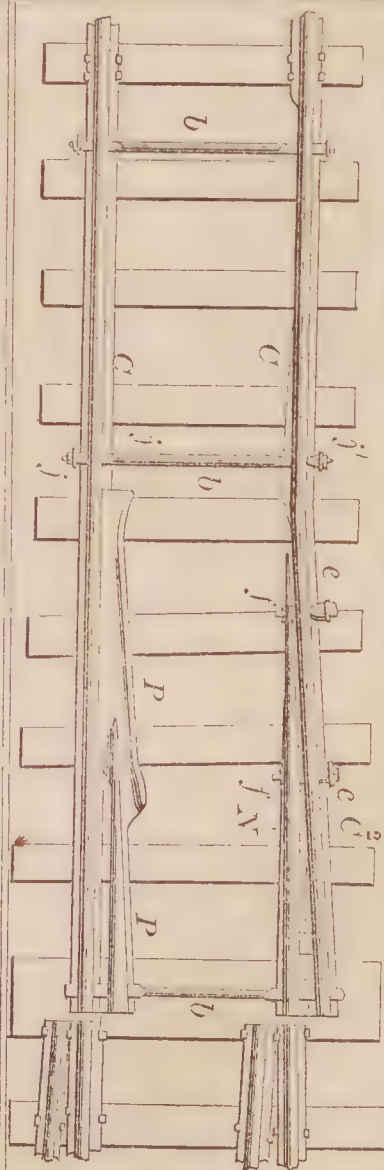
79815—E. P. Dickie—*Pick and Pickaxe.*



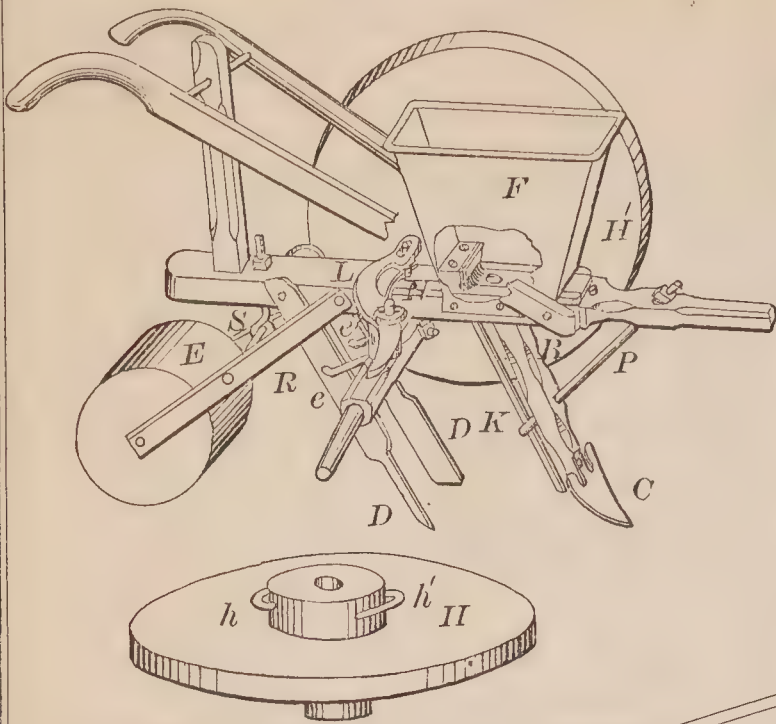
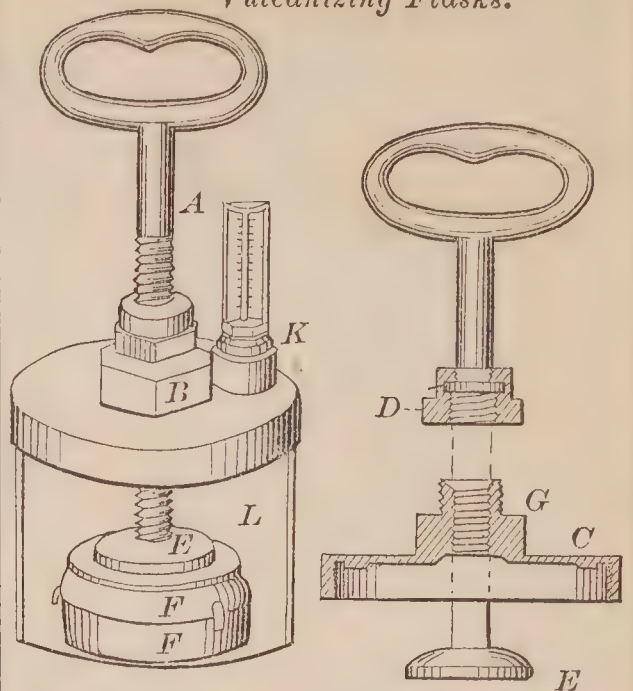
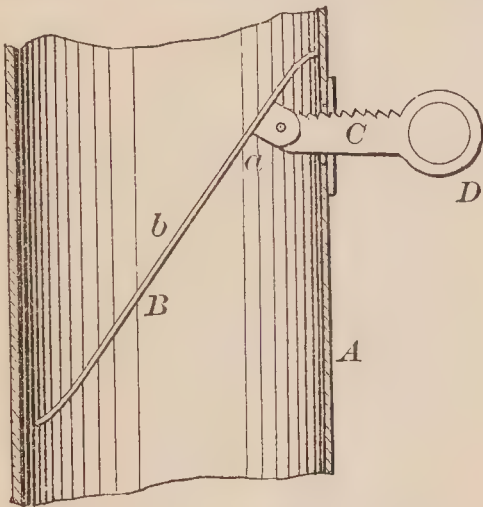
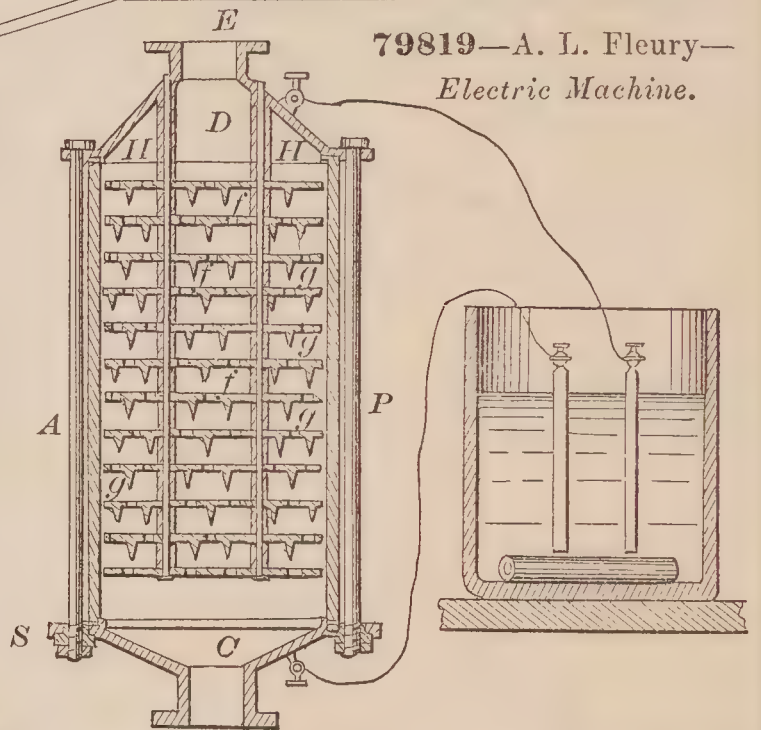
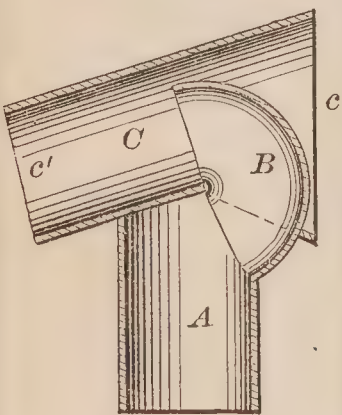
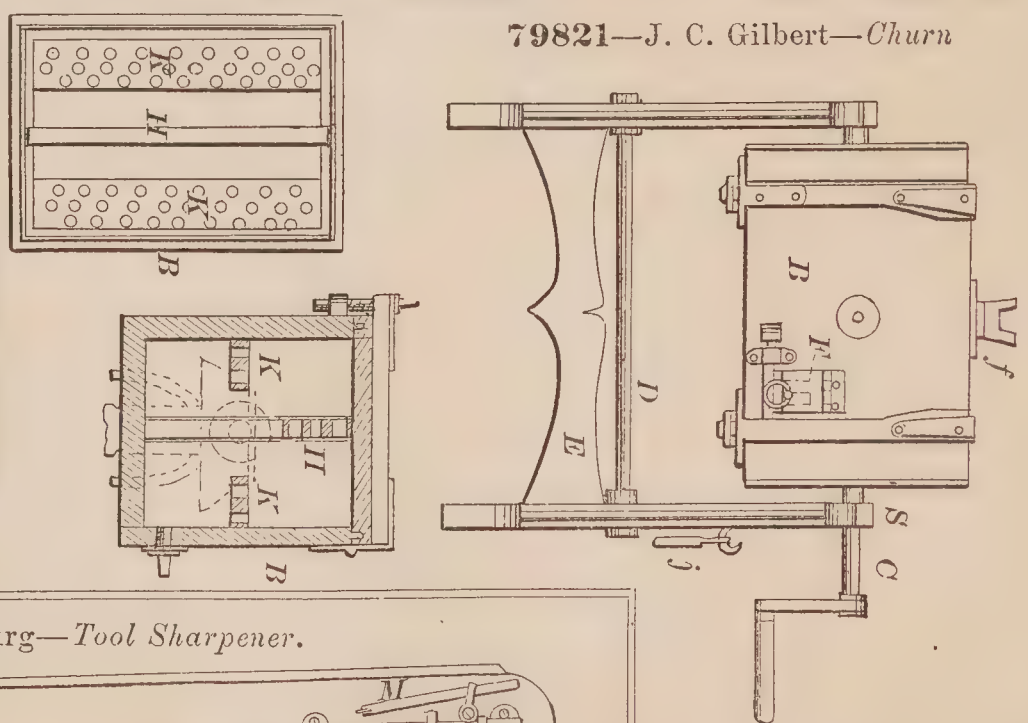
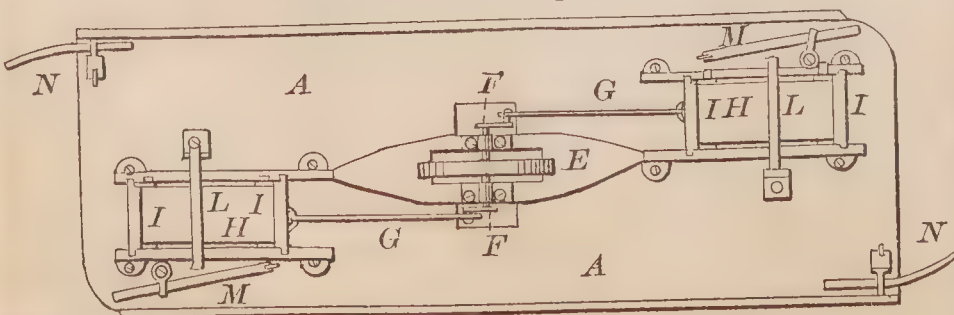
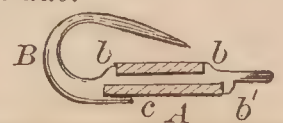
79813—L. H. Davis—*Grain Separator.*



79812—J. Dampman—*Railroad Switch.*

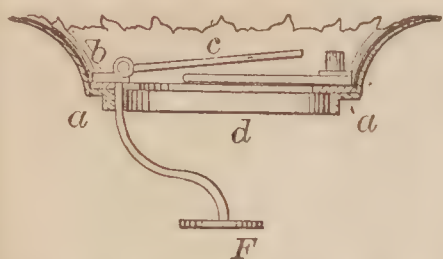




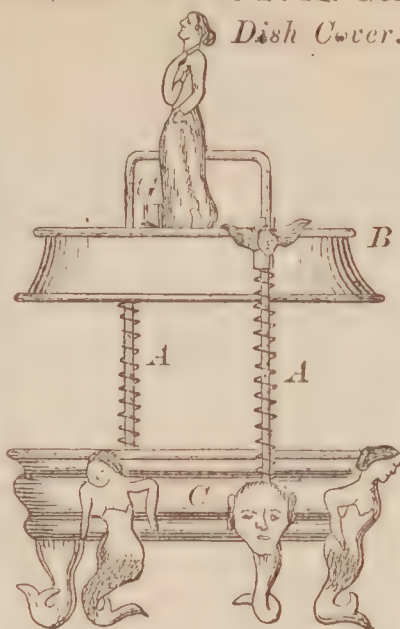
79814—G. Dickerson—*Corn Planter.*79816—H. M. Edson—*Closing Vulcanizing Flasks.*79817—L. S. Enos—*Stove Pipe Damper.*79819—A. L. Fleury—*Electric Machine.*79820—  
J. W. Foard—*Ventilator.*79821—J. C. Gilbert—*Churn*79818—S. Farrenburg—*Tool Sharpener.*79822—G. D. Gillett—*Attaching Pad Hooks to Pads.*



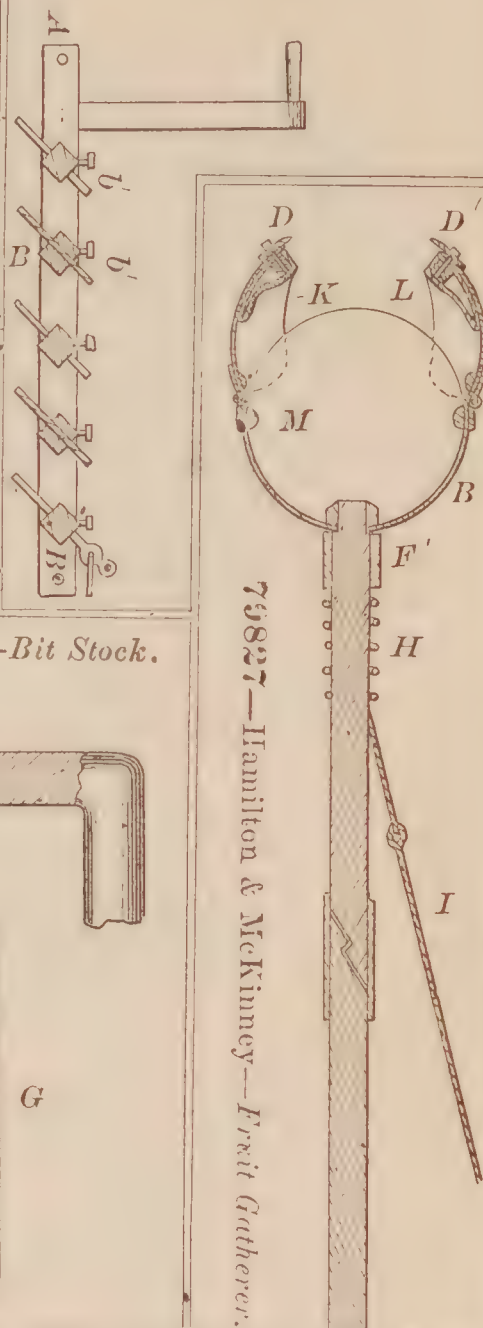
**79823**—Gisborne & Allman—*Lamp Chimney Attachment.*



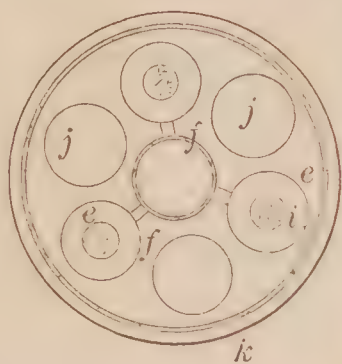
**79824**—H. S. & F. M. Goff—*Dish Cover.*



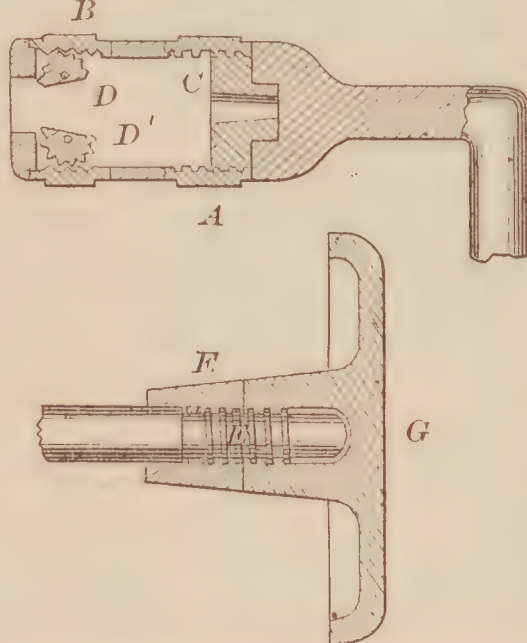
**79829**—A. Hochstein—*Harrow.*



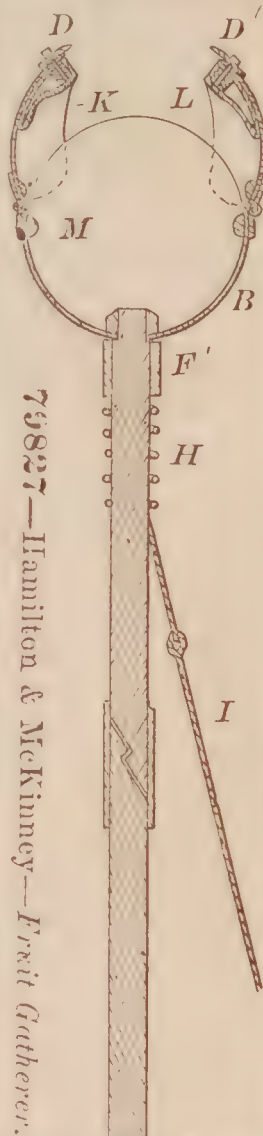
**79826**—C. C. Hall—*Steam Heating Apparatus.*



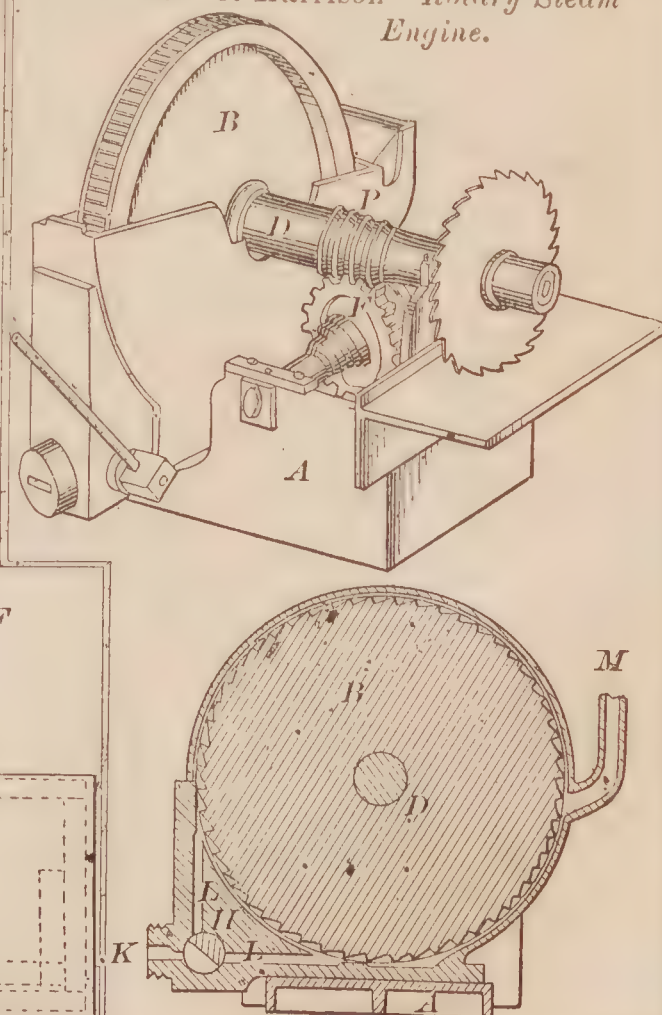
**79825**—A. D. Goodell—*Bit Stock.*



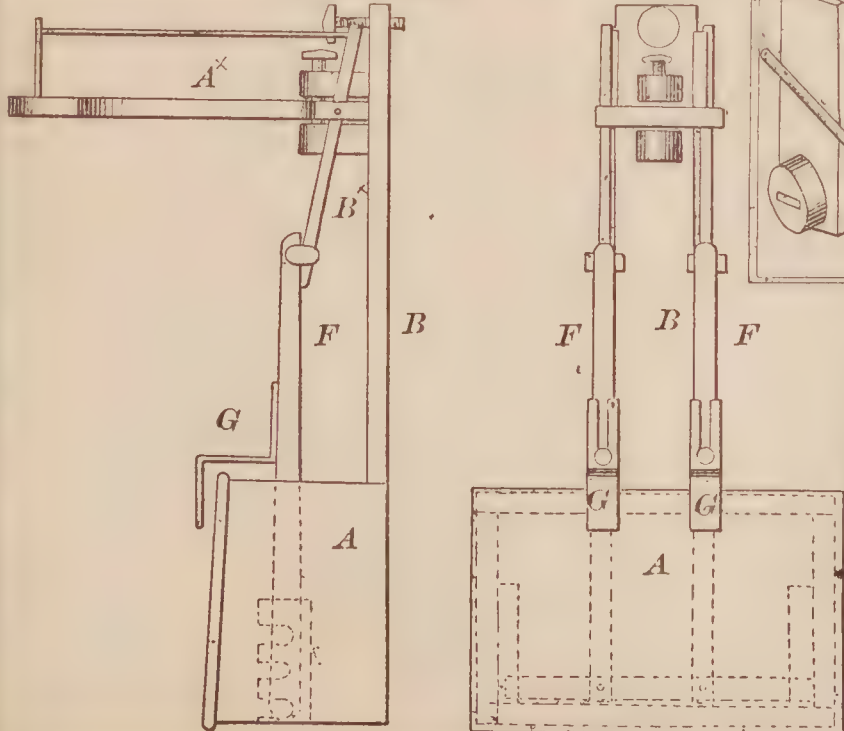
**79827**—Hamilton & McKinney—*Fruit Gatherer.*



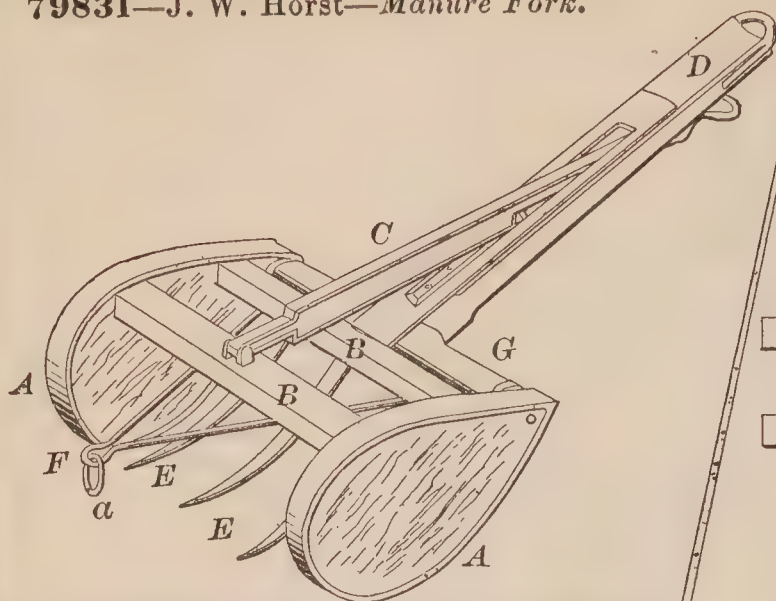
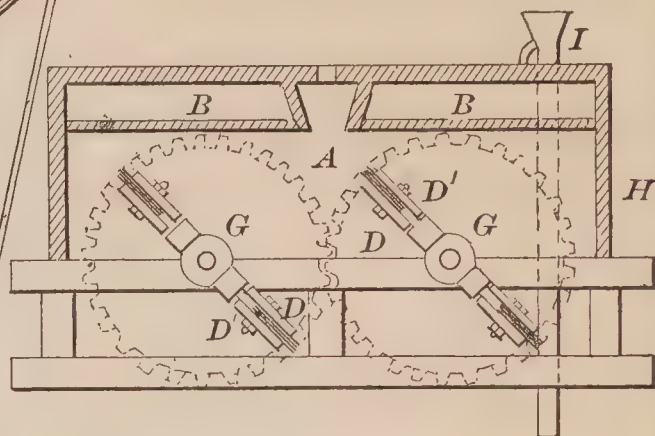
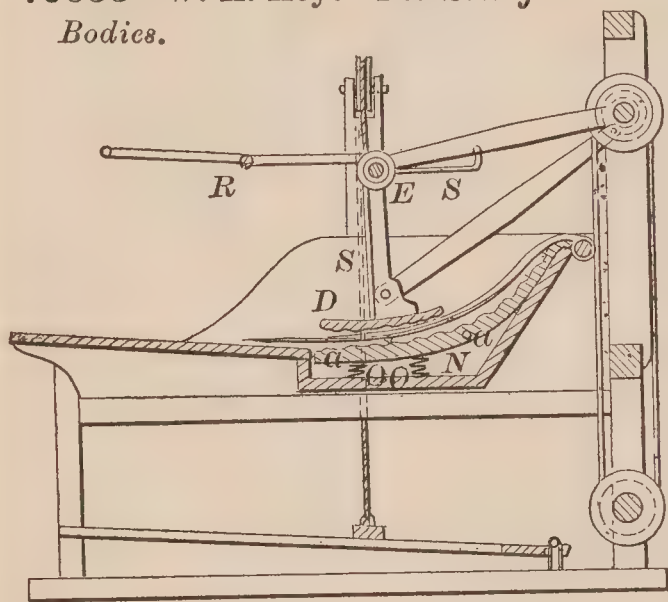
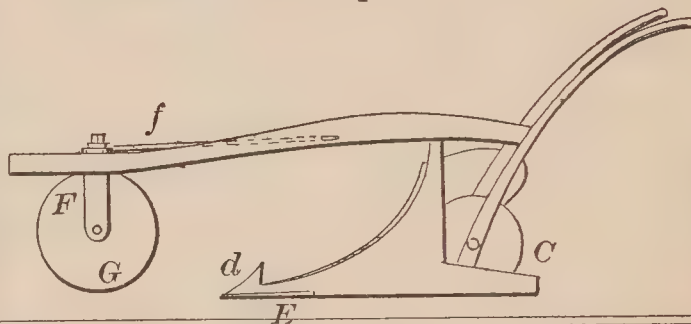
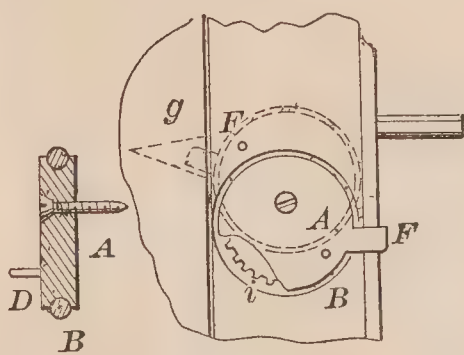
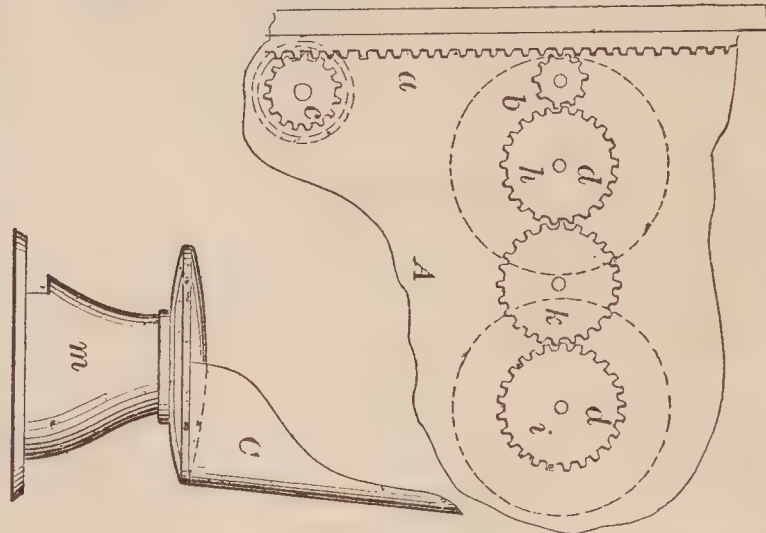
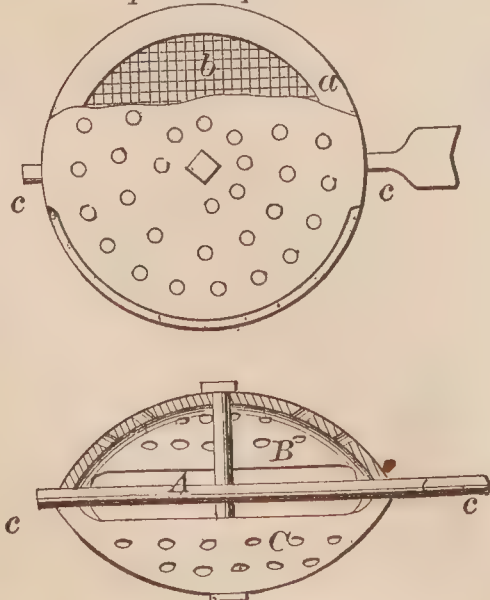
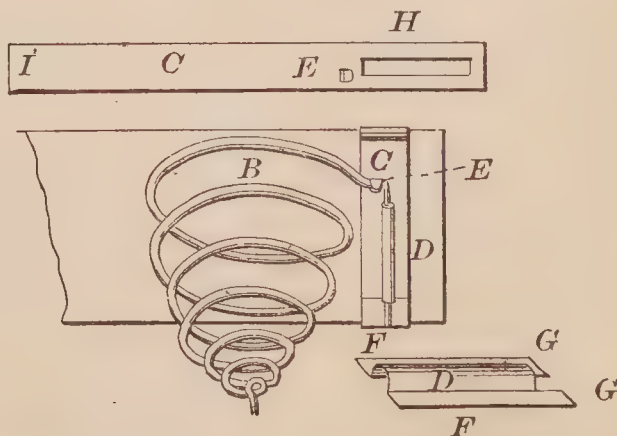
**79828**—C. Harrison—*Rotary Steam Engine.*



**79830**—R. H. Hooper—*Working Piano-Forte Pedals.*





79831—J. W. Horst—*Manure Fork.*79832—A. & G. F. Howard—*For Washing Leather.*79833—W. H. Hoyt—*For Sizing Hat Bodies.*79834—A. C. Jaques—*Plow.*79835—J. G. Jewell—*Window Sash Stop.*79837—C. P. Kimball—*Car Seat.*79836—J. Johnson—*Stove Pipe Damper.*79839—Kingman & Shepard—*Spring Bed Bottom.*



79838—F. L. King—For Dressing Stone.

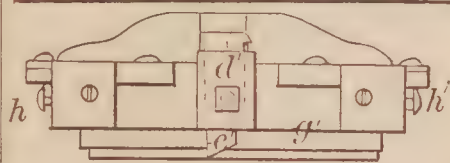
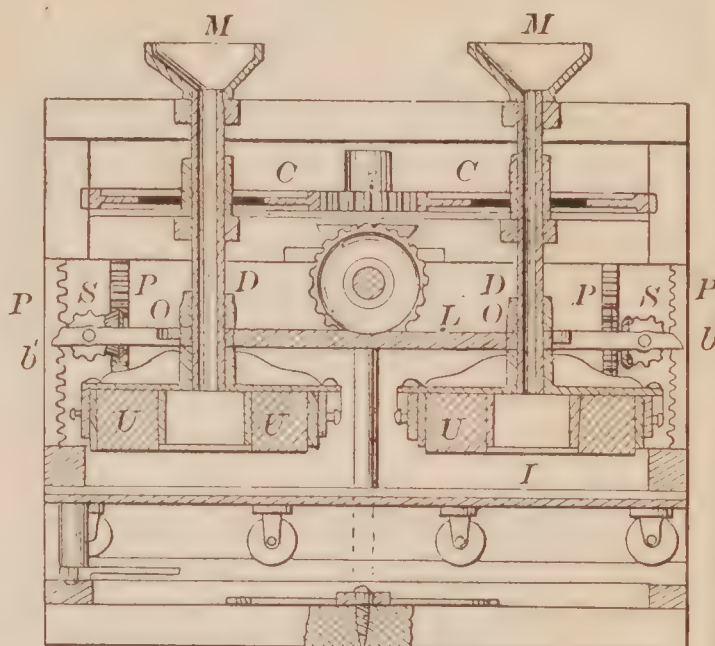
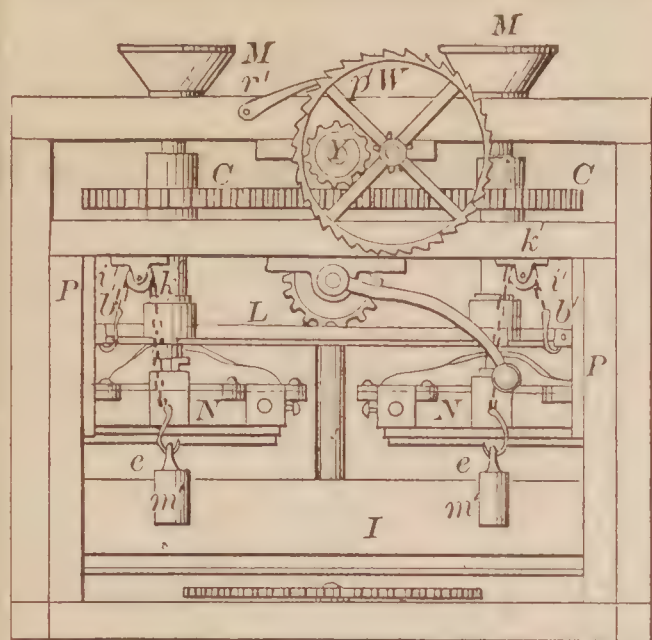


Fig. 7

Fig. 6

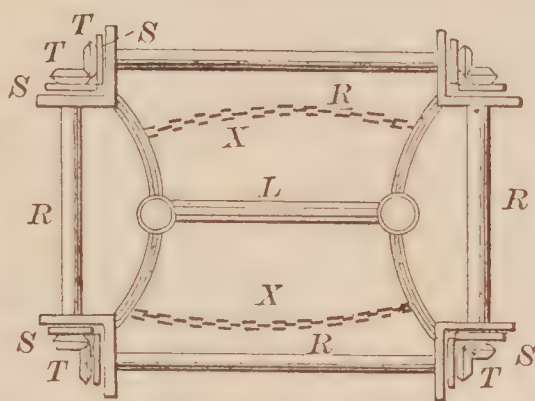
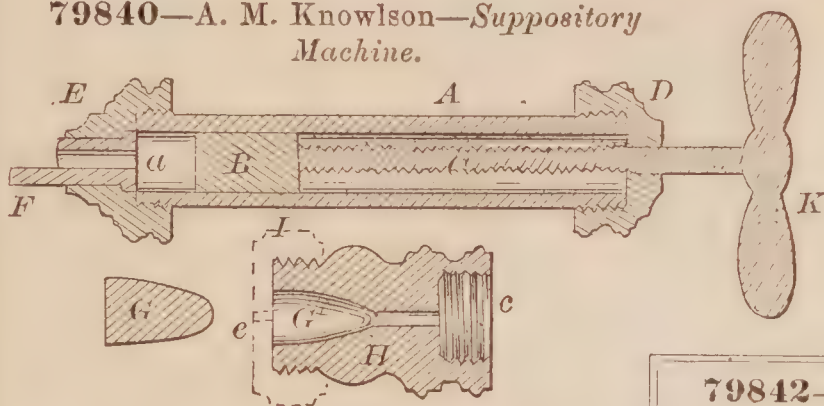


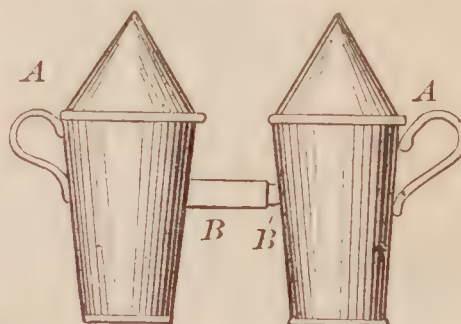
Fig. 9



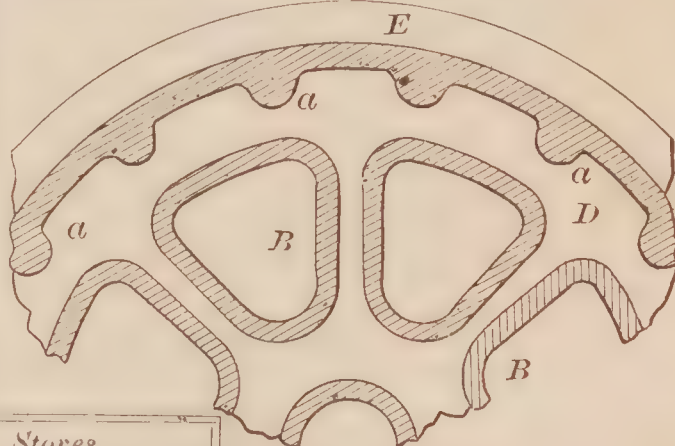
79840—A. M. Knowlson—Suppository Machine.



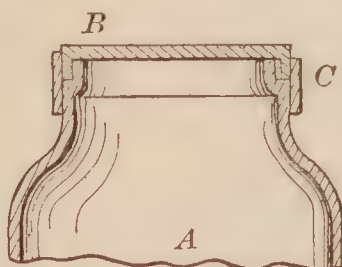
79841—J. A. Lakin—Radiator.



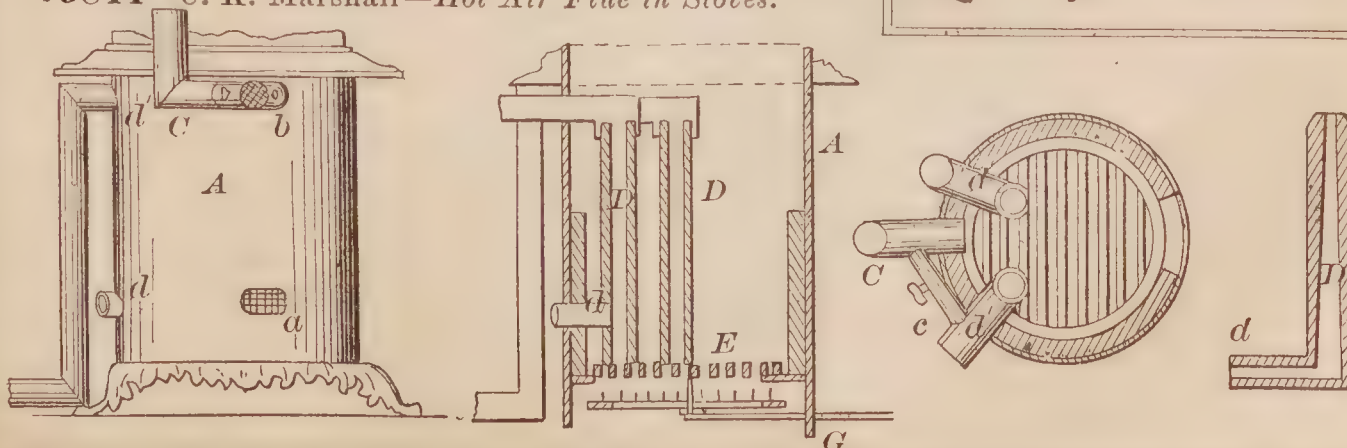
79842—G. G. Lobdell—Car Wheel.



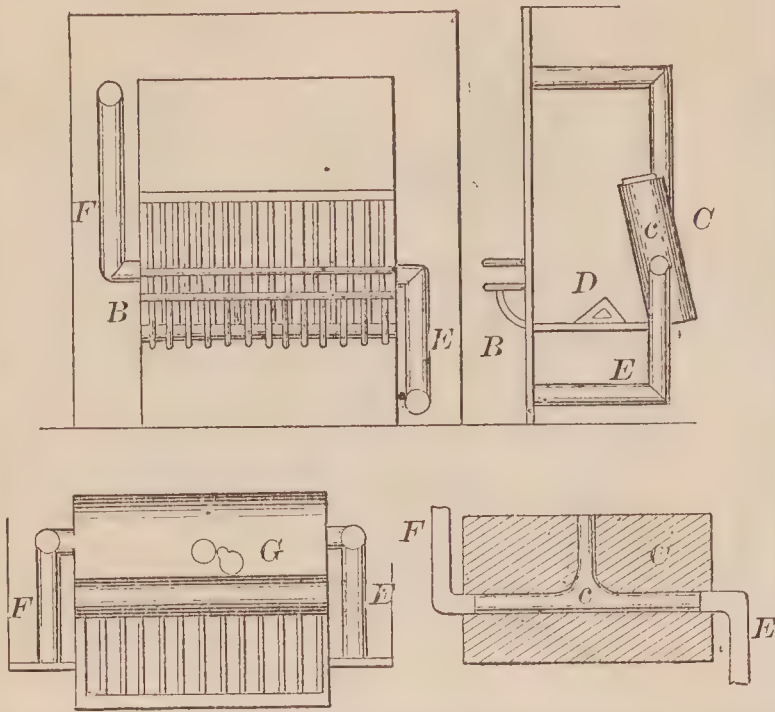
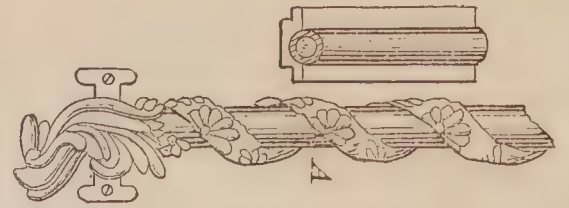
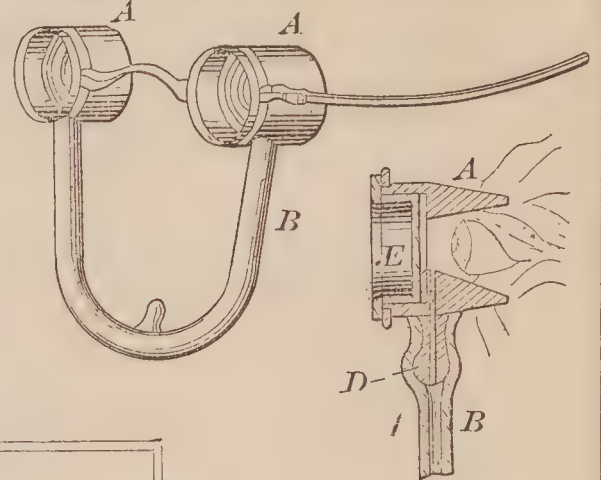
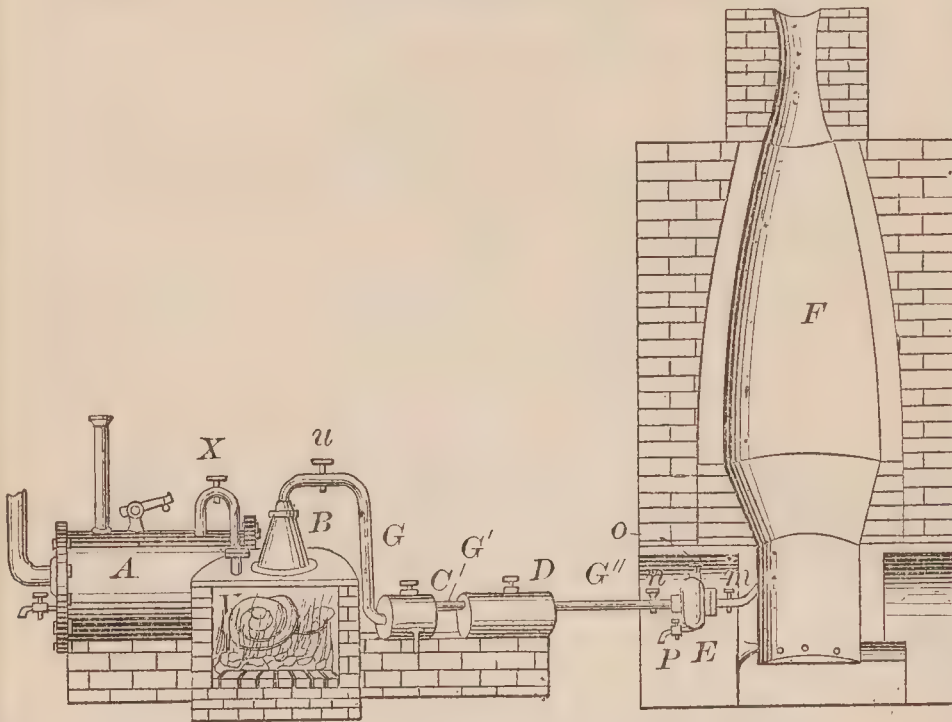
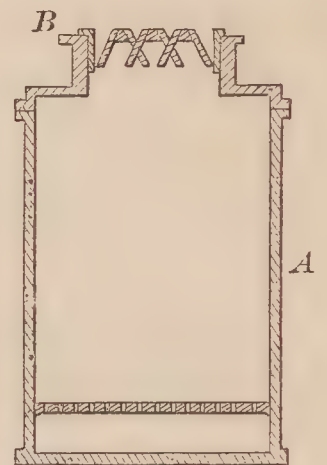
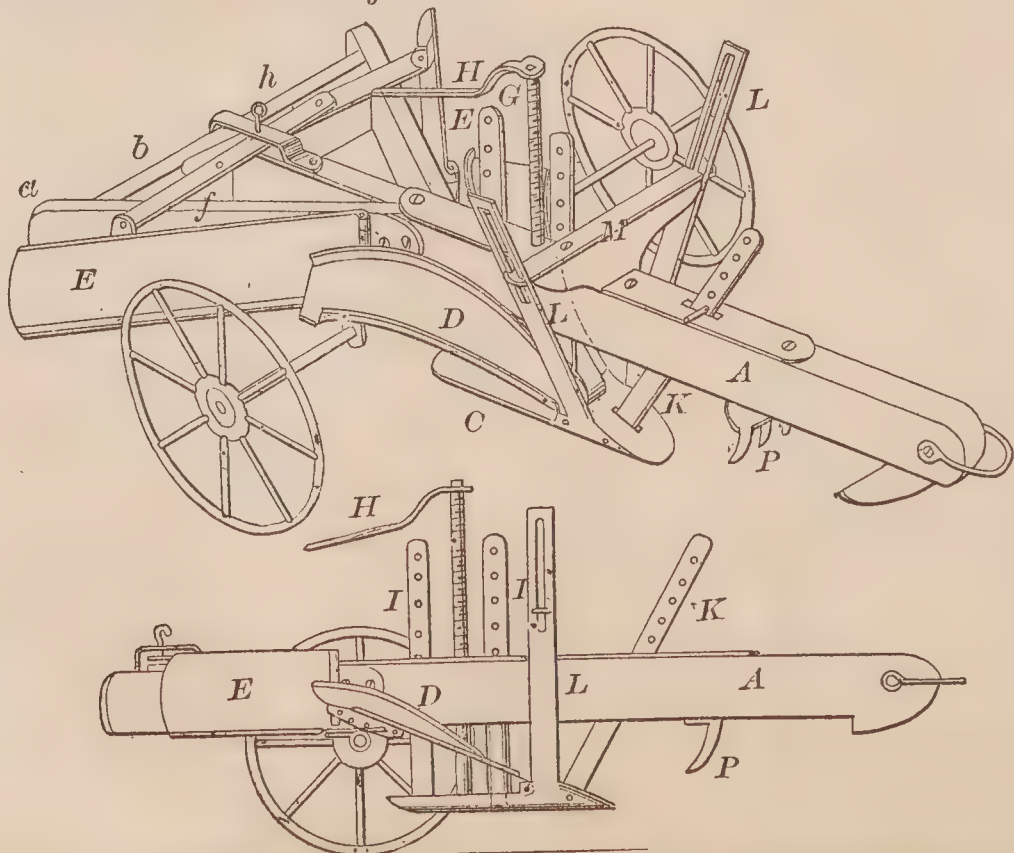
79843—W. A. Loder—Fruit Jar.

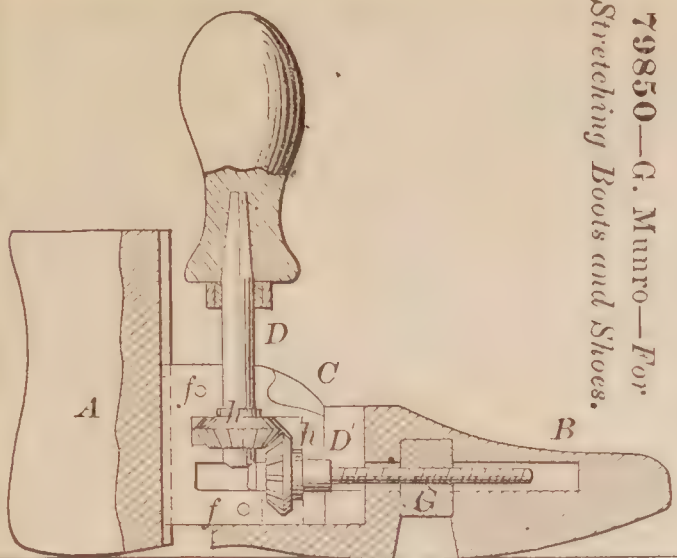


79844—C. K. Marshall—Hot Air Flue in Stoves.

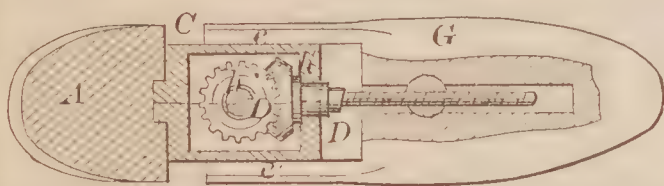




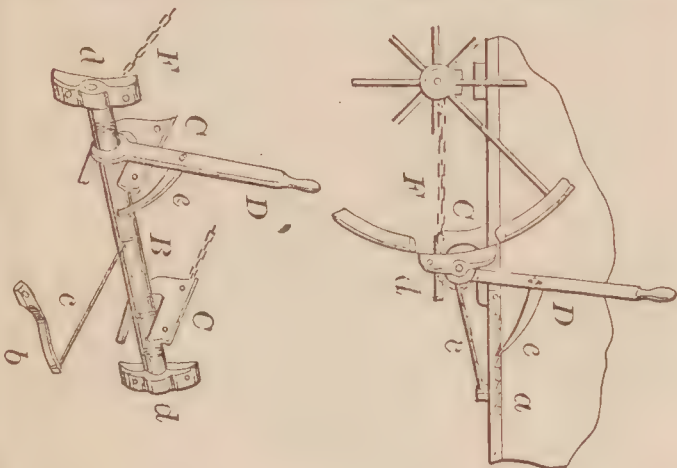
79845—C. K. Marshall—*Stove Grate.*79846—W. M. Marshall—*Stair Rod.*79847—B. K. Maltby—*Eye Cup.*79848—J. P. McLean—*Refining and Smelting Ore.*79849—J. Meyer—*For Separating Iron from Sugar.*79851—O'Connor & Collins—*Ditching Machine.*



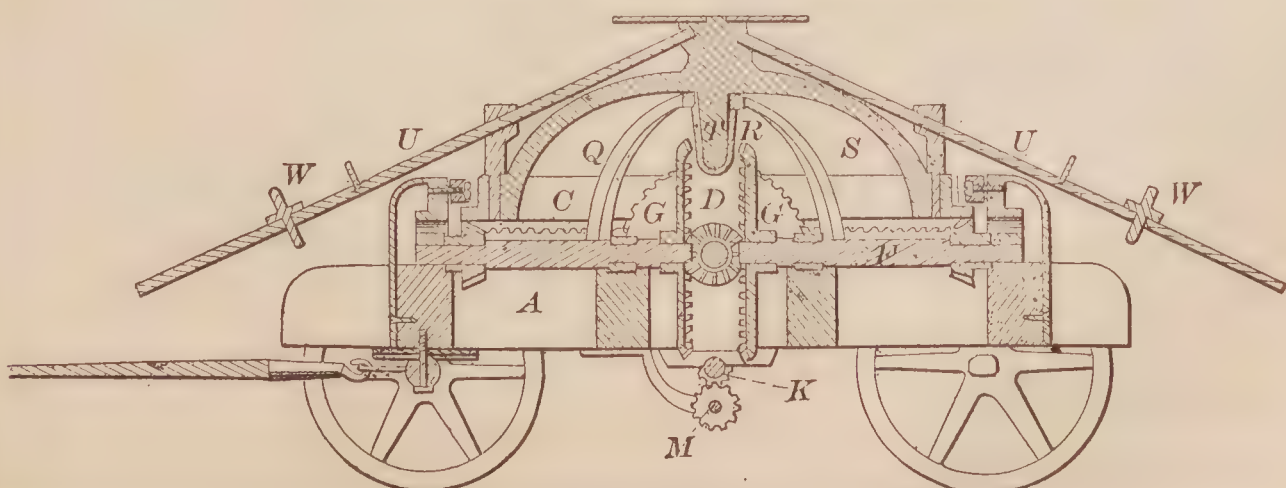
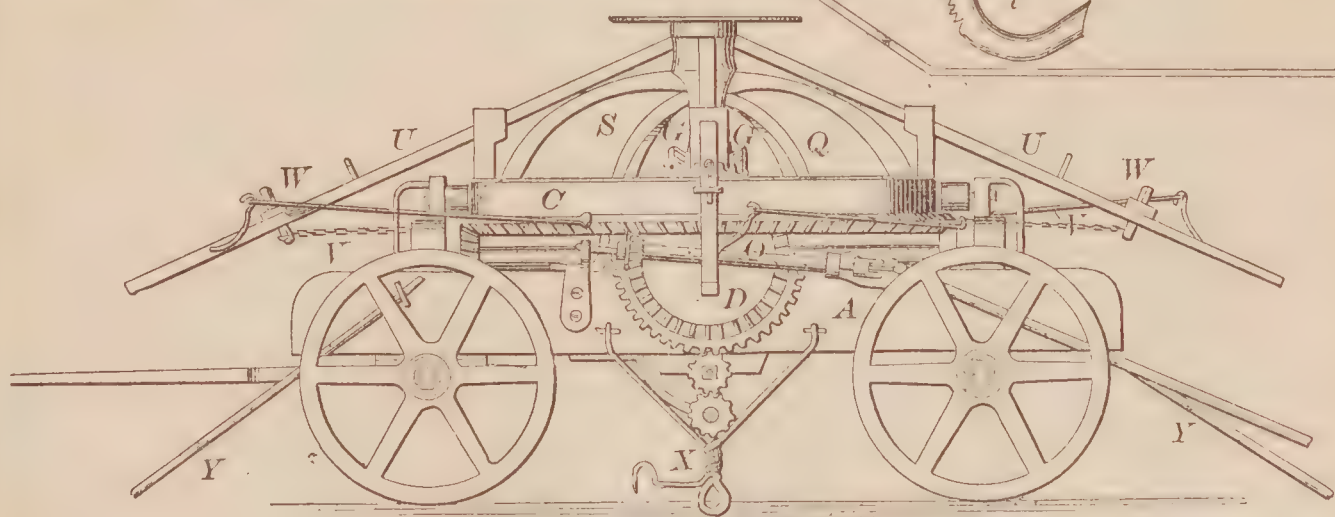
79850—G. Munro—For Stretching Boots and Shoes.



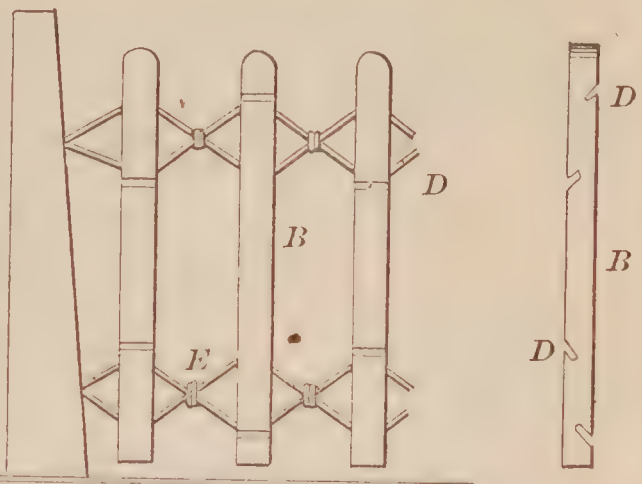
79855—D. Philips—Wagon Brake.



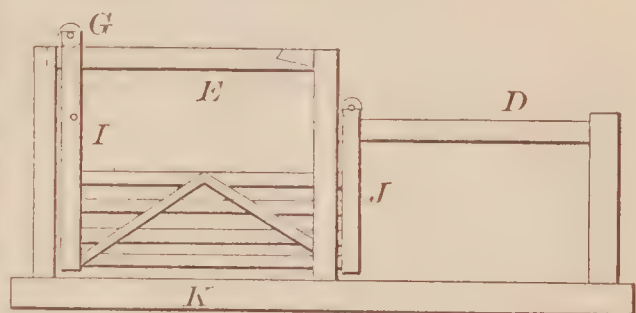
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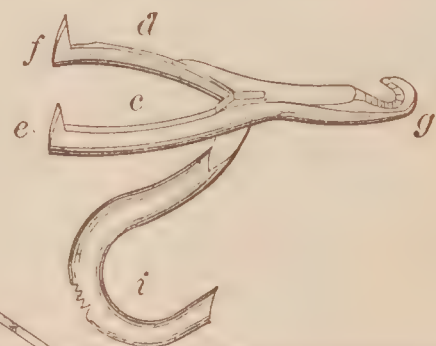
79854—E. C. Patterson—Wire and Picket Fence.



79857—J. Potter—Gate.

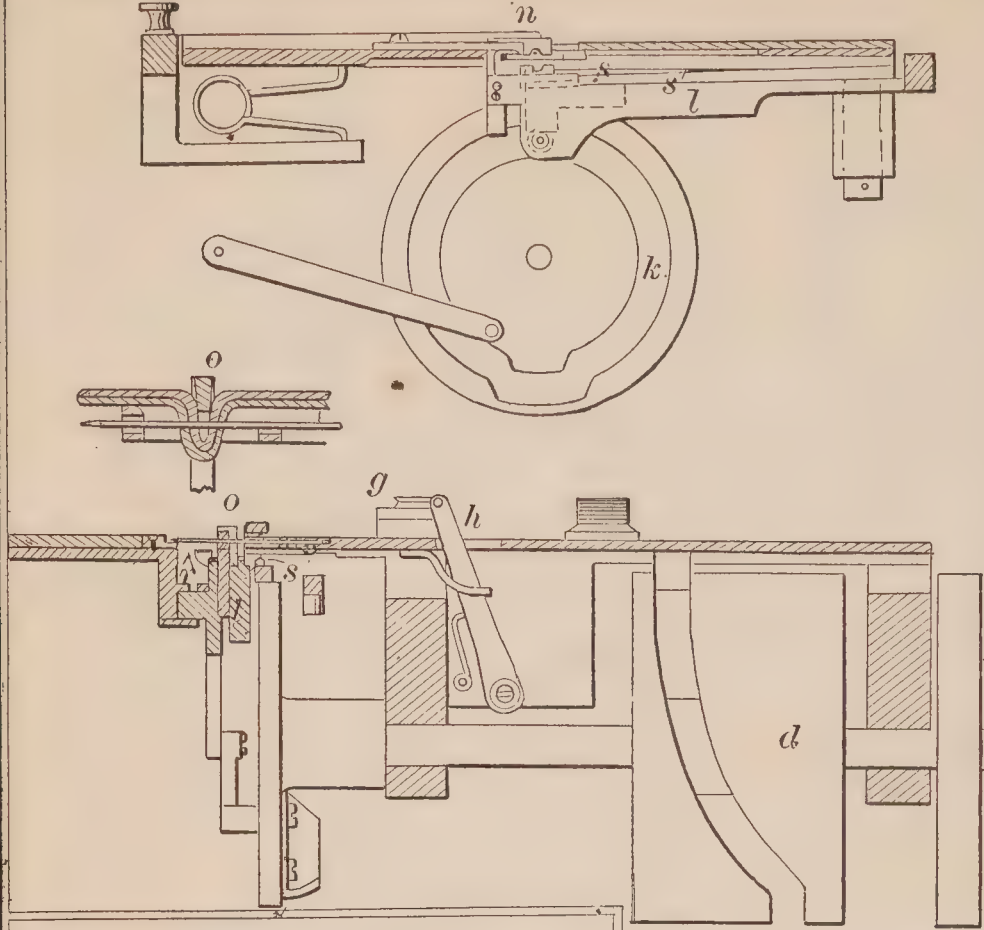


79853—J. W. Pattee—Painters' Hook.

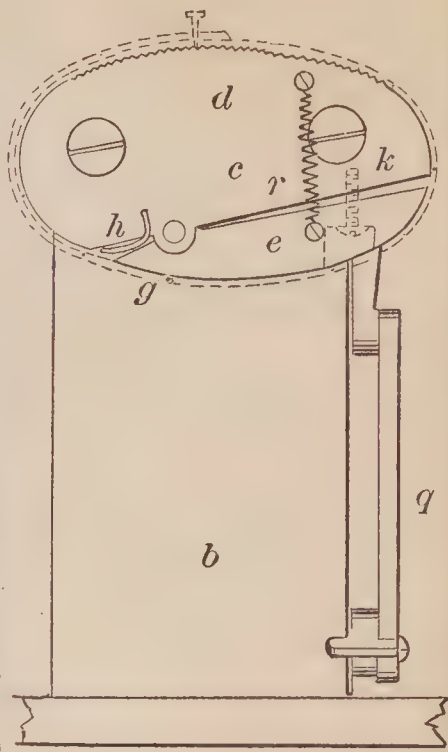




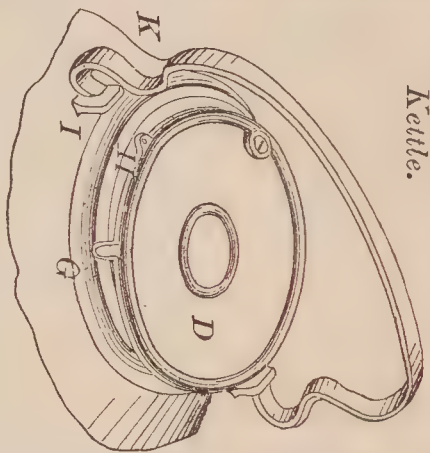
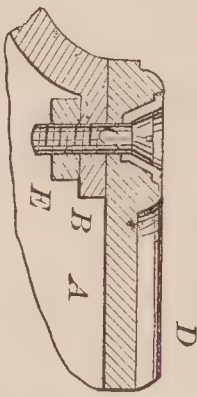
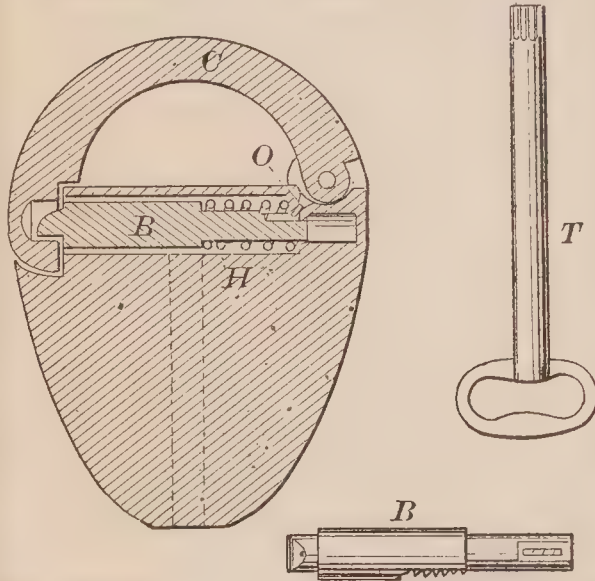
79856—H. Plummer—*Sewing Machine.*



79858—R. Ramsdell—*For Making Wooden Boxes.*

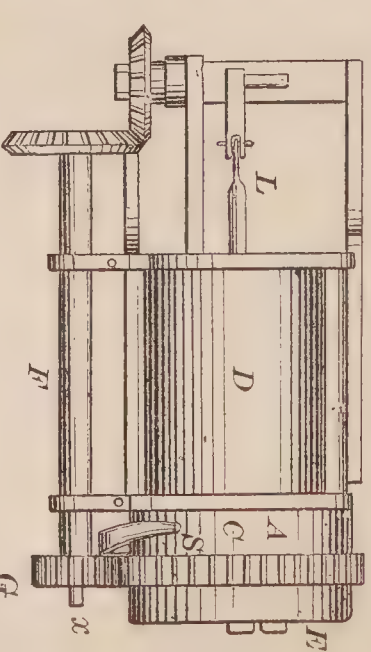
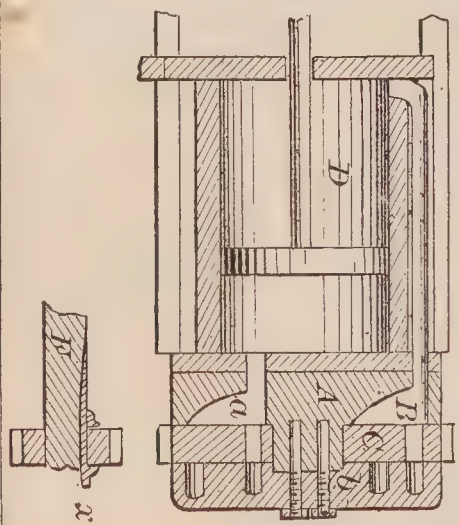
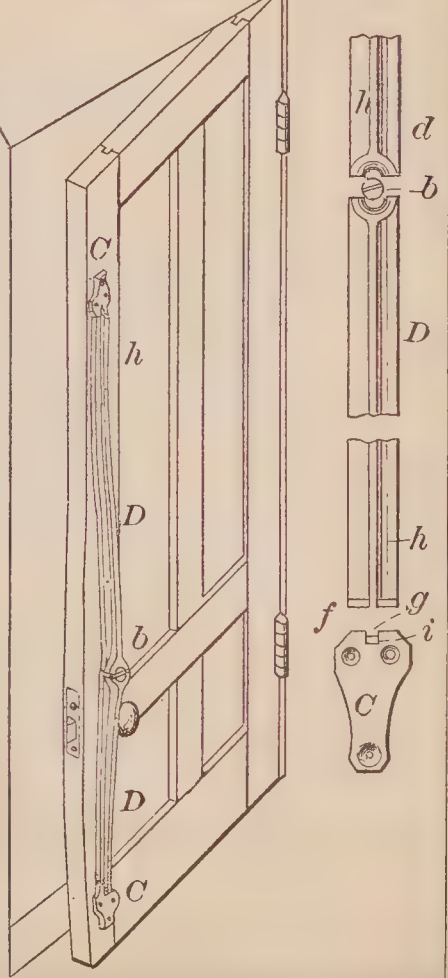


79859—D. F. Randall—*Padlock.*



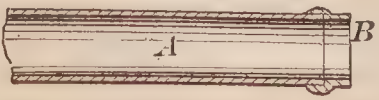
79860—E. Ripley—*Ten Kettle.*

79862—O. C. Ross—*Door Straightener.*



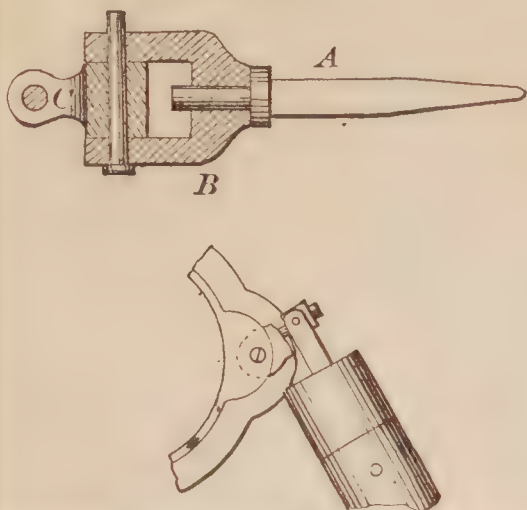
79863—W. G. Savage—*Steam Engine.*

79861—S. H. Roper—*Muzzle for Shot Guns.*

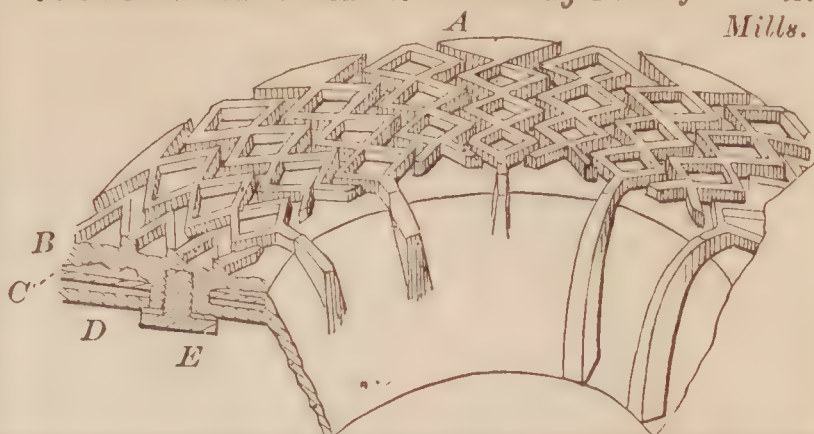




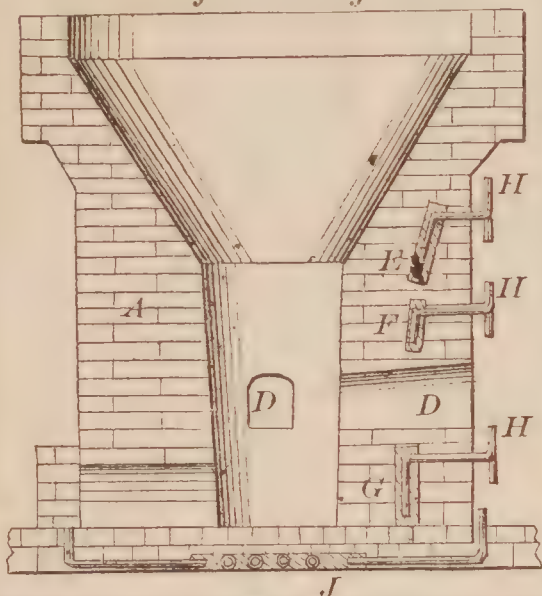
79864—C. Sayward—*Boom Gudgeon.*



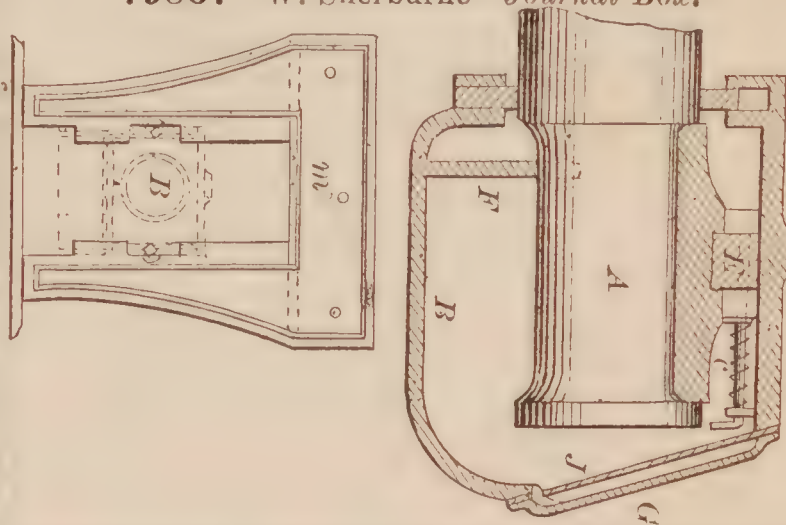
79865—Shaw & Leavitt—*Grinding Plate for Grist Mills.*



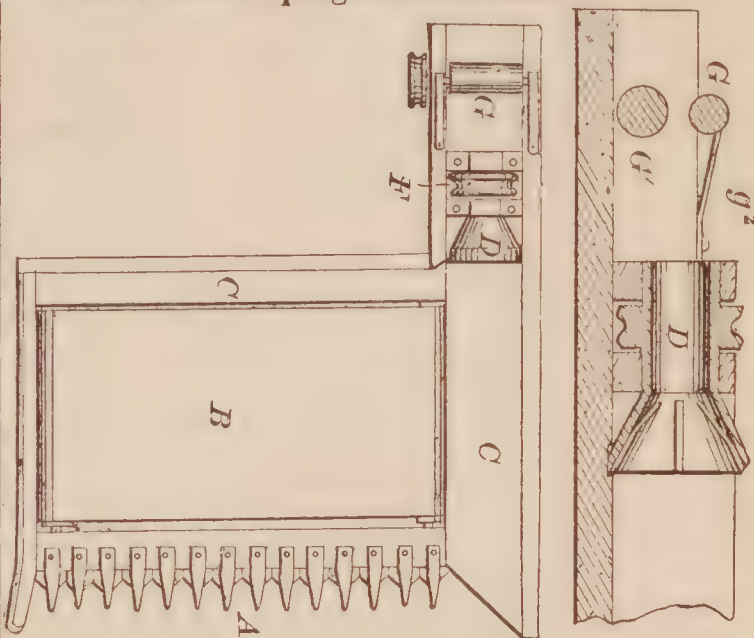
79866—Shea & Harvey—*Furnace for Melting Metals*



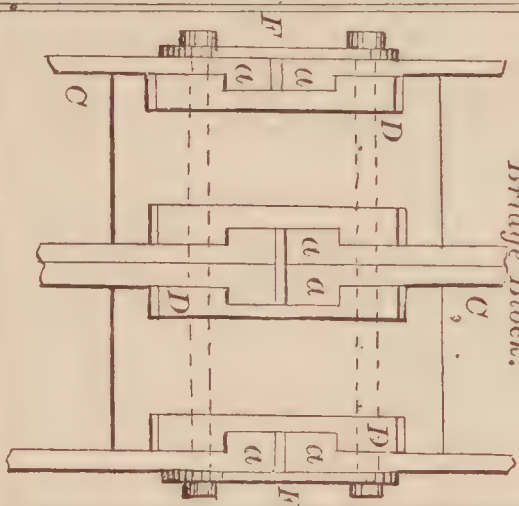
79867—W. Sherburne—*Journal Box.*



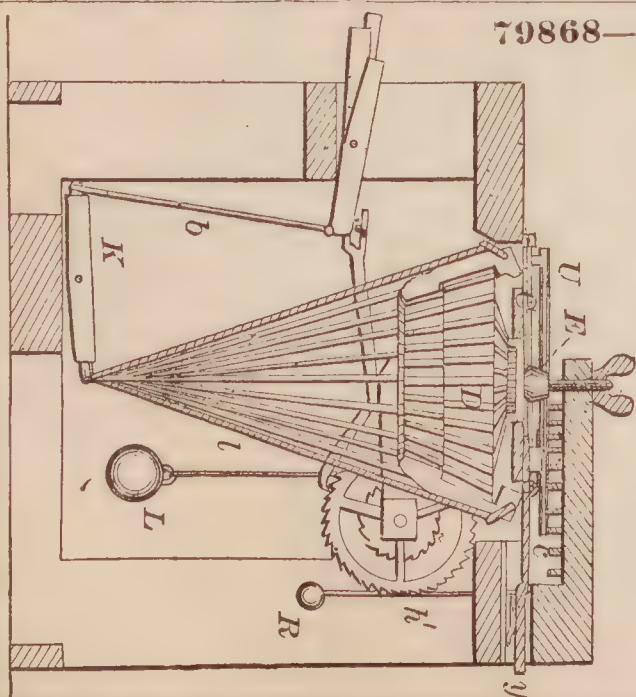
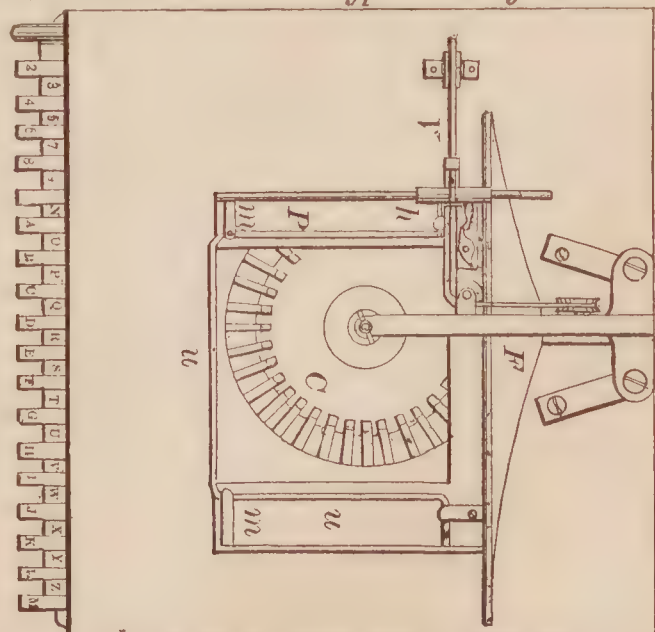
79871—W. Sprague—*Harvester.*



79869—J. R. Smith—*Bridge Block.*



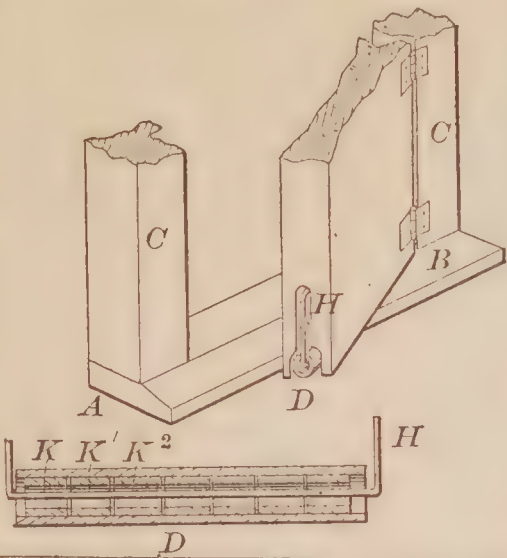
79868—Sholes, Glidden & Soule—*Type Writing Machine.*



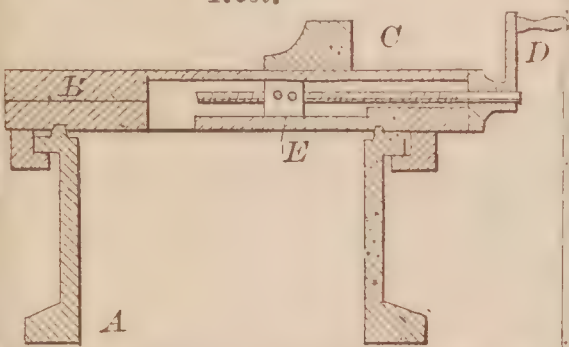




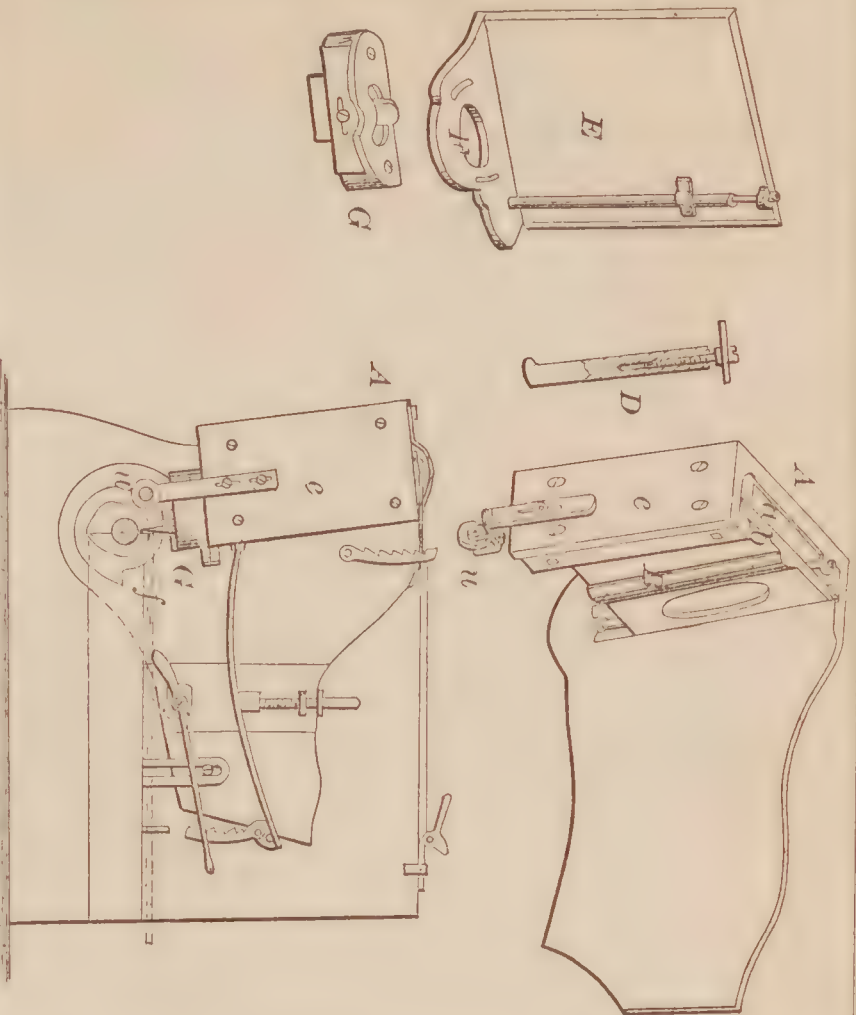
79876—J. H. Thomas—*Weather Strip.*



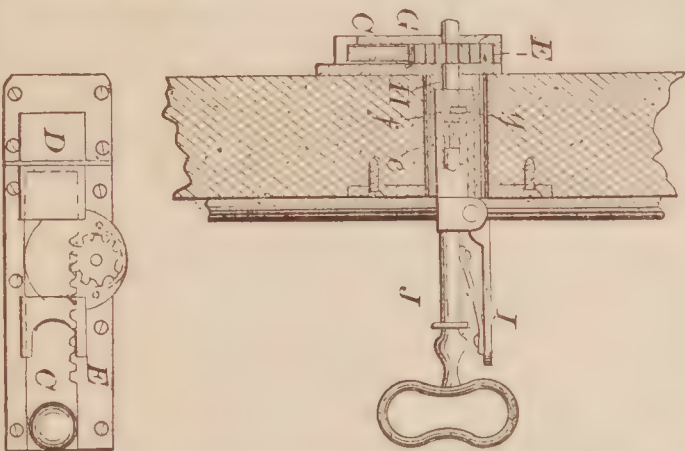
79877—W. Thompson—*Lathe Rest.*



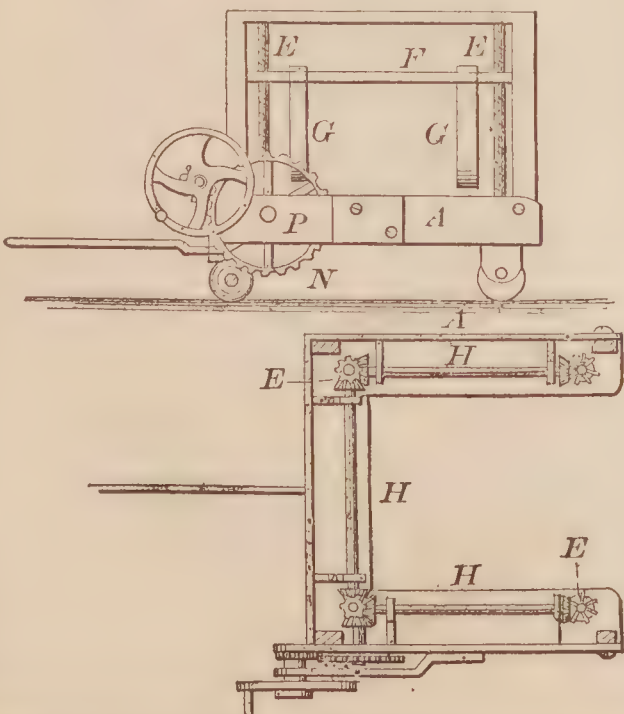
79878—T. E. Thurston—*File Cutting Machine.*



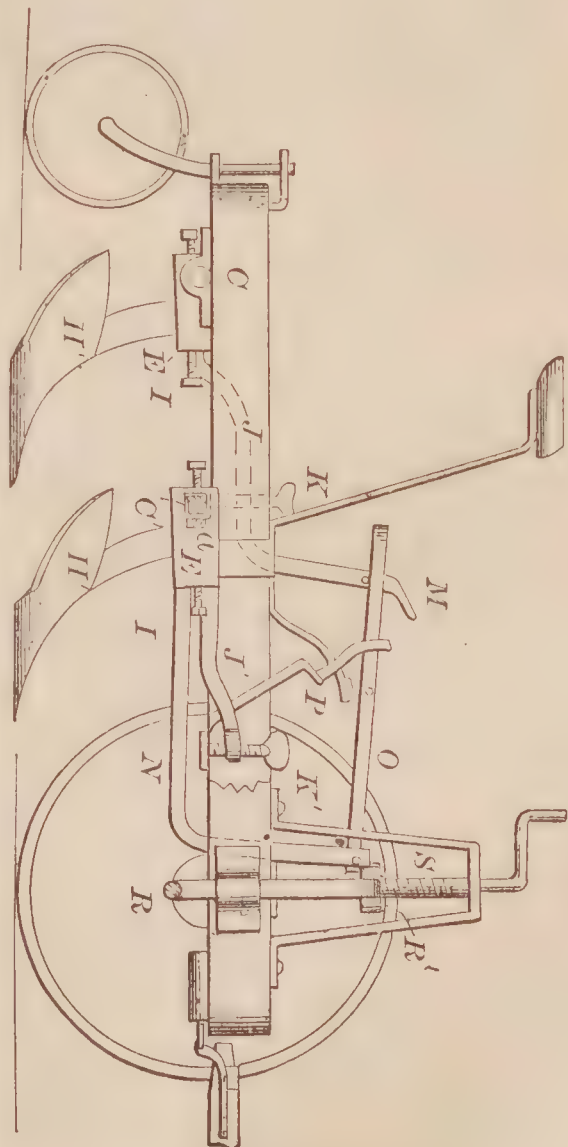
79879—G. Washburn—*Lock Bolt.*



79883—C. Whittaker—*For Moving Heavy Bodies.*



79880—J. T. Watkins—*Gang Plow.*

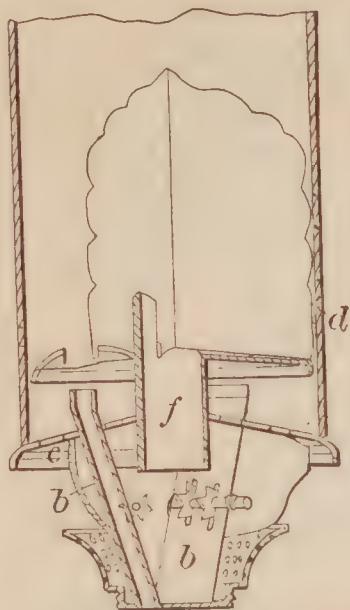








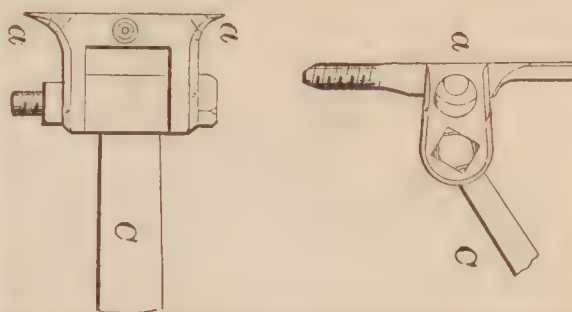
79887—F. Adt—*Lamp.*



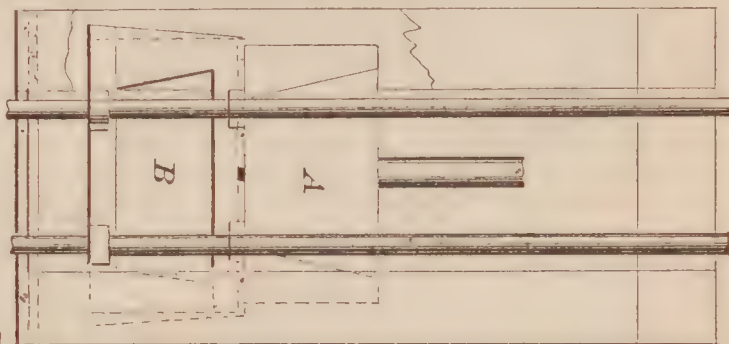
79890—Becker, Ross & Steuernagel—*Manufacture of Fruit Cans.*



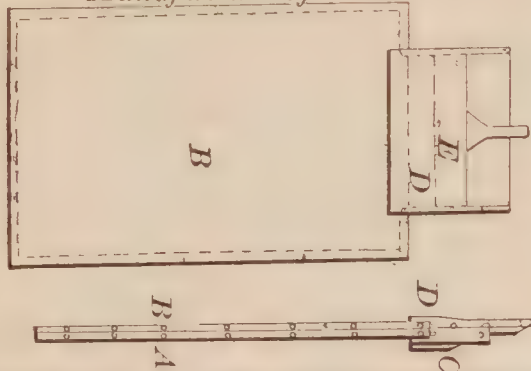
79891—H. M. Beecher—*Thill Coupling.*



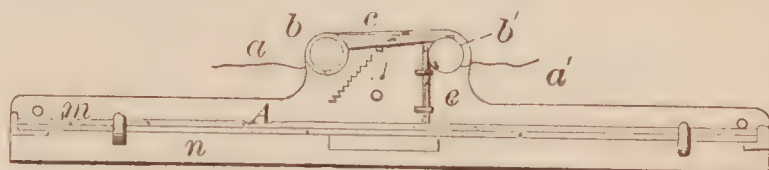
79893—Bemelmans & De Give—*Manufacture of Glass.*



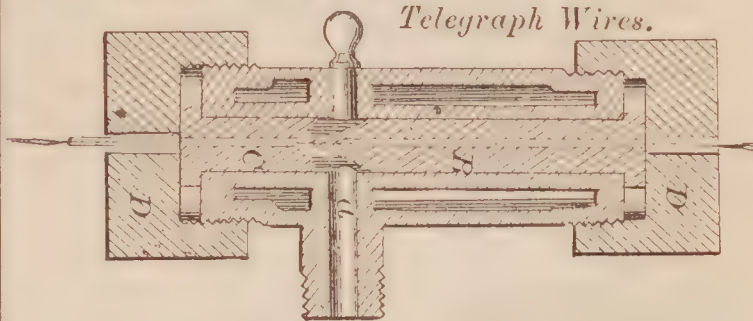
79892—Bemelmans & De Give—*Manufacture of Glass.*



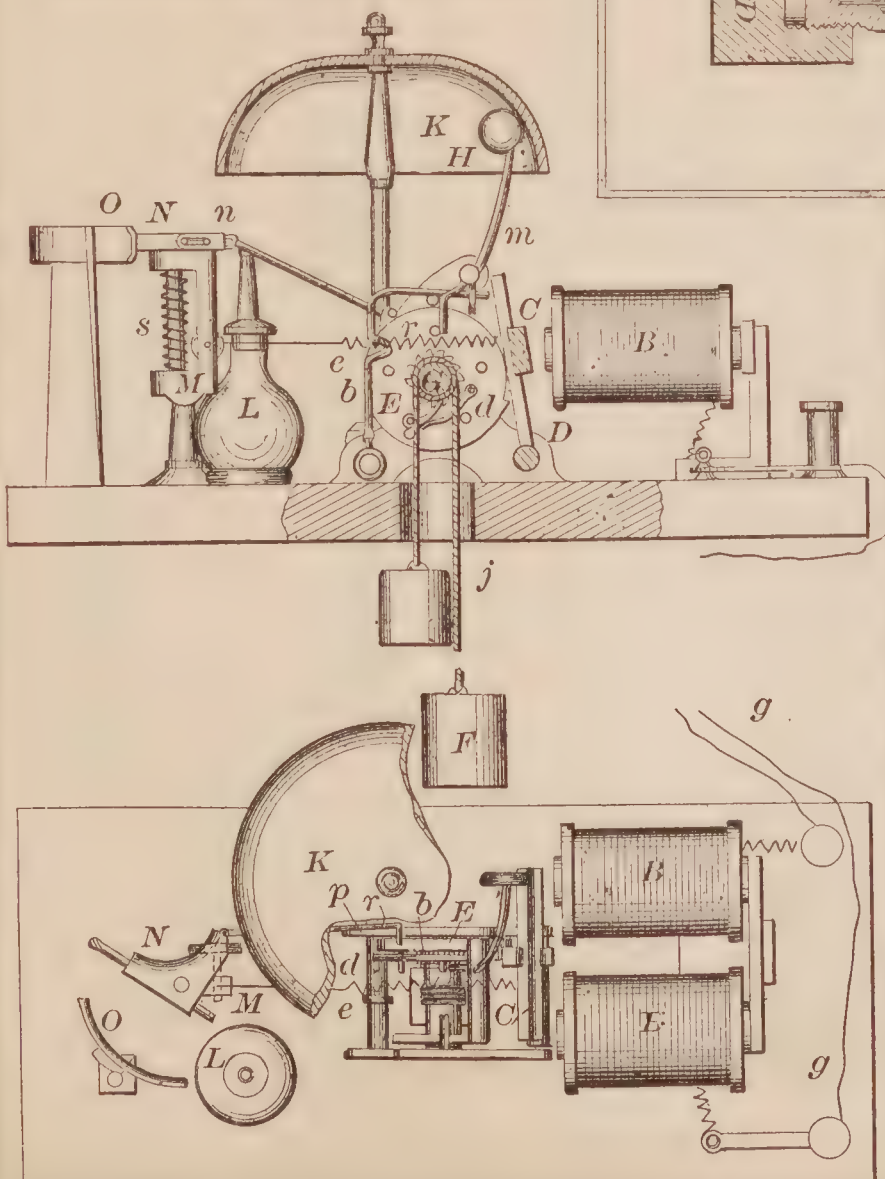
79894—Biggar & Blood—*Circuit Closer.*



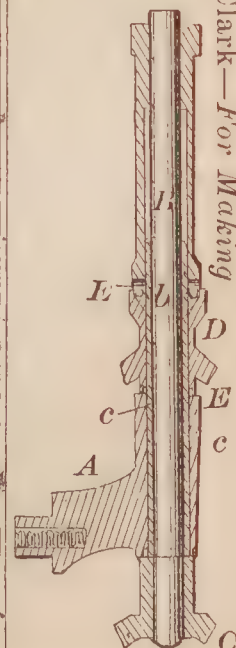
79896—Bishop & Marks—*For Insulating Telegraph Wires.*



79895—Biggar, Blood & Griswold—*Electro-Magnetic Burglar Alarm.*



79899—N. F. Clark—*For Making Roring.*

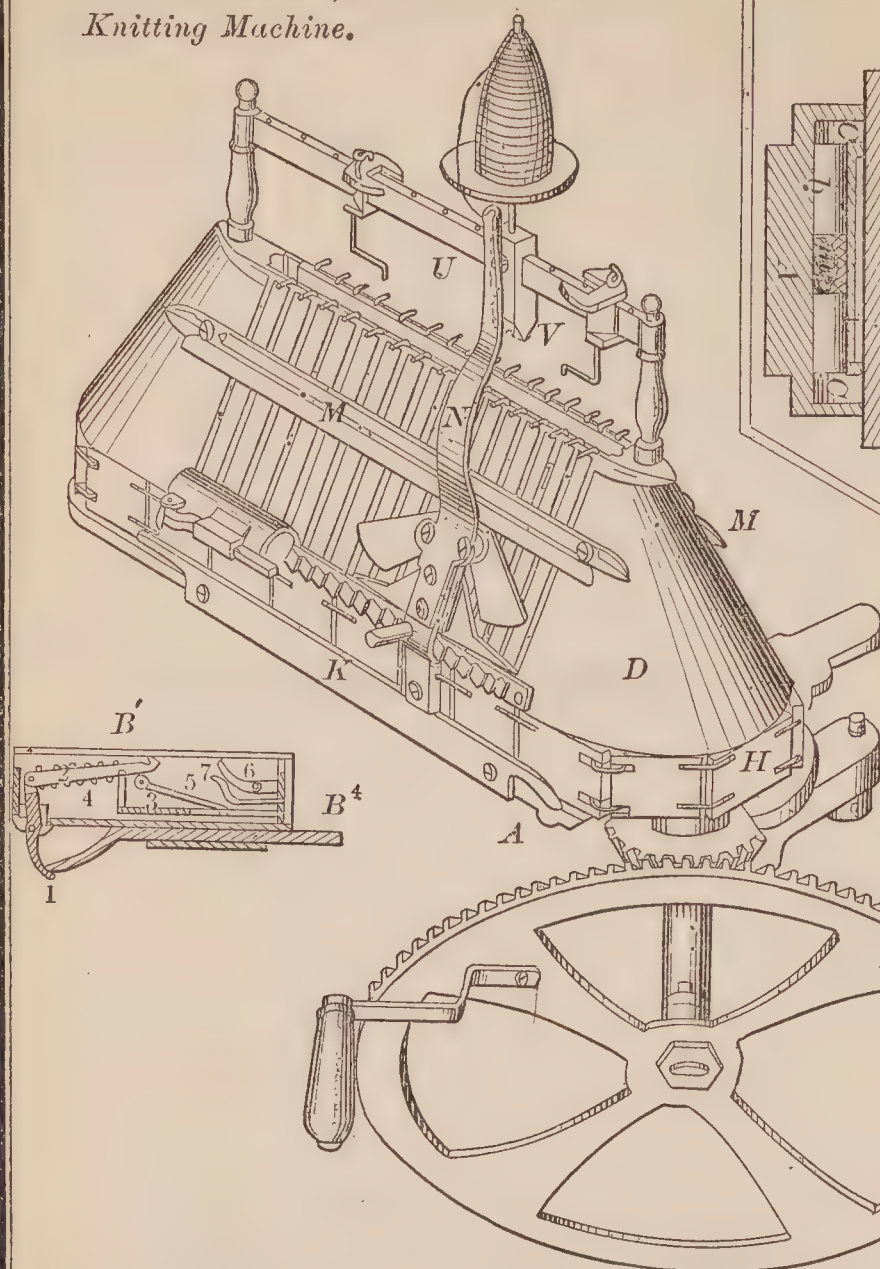


79898—E. S. Clapp—*Spectacles.*

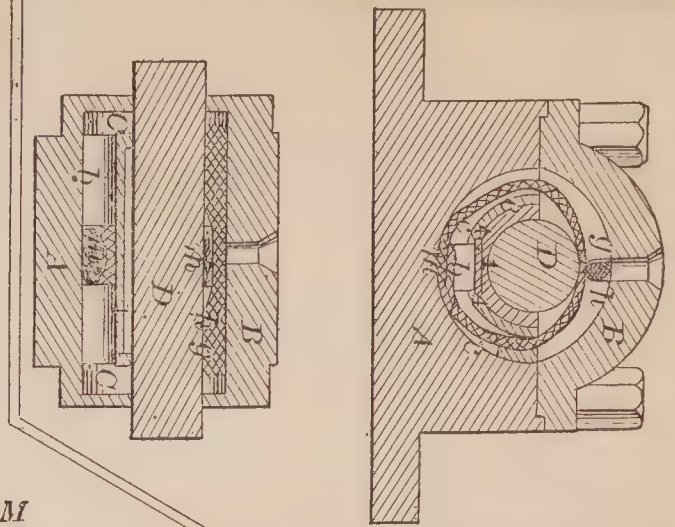




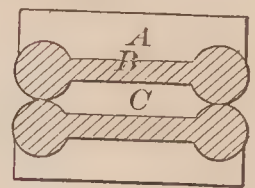
**79897**—Blakeslee, Beecher & Davis—  
*Knitting Machine.*



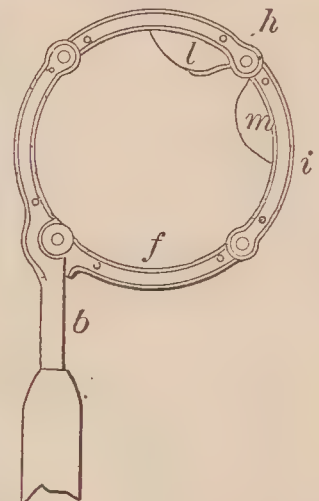
**79900**—Colburn & Gould—*Journal Box.*



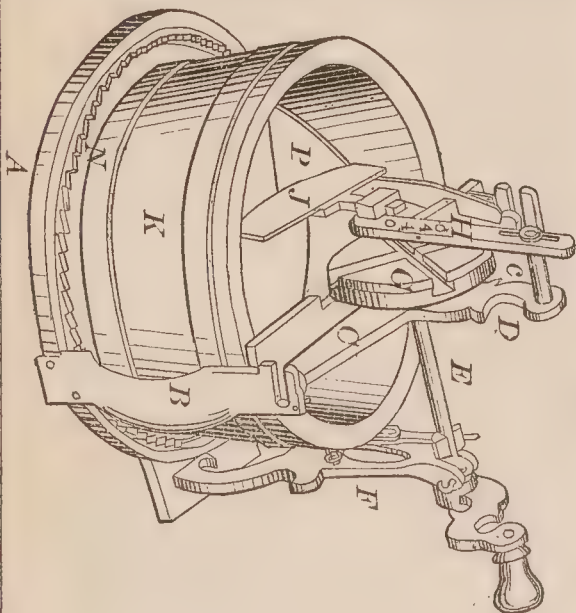
**79904**—Hayward & Lees—  
*Pile for Manufacturing Railroad Rails.*



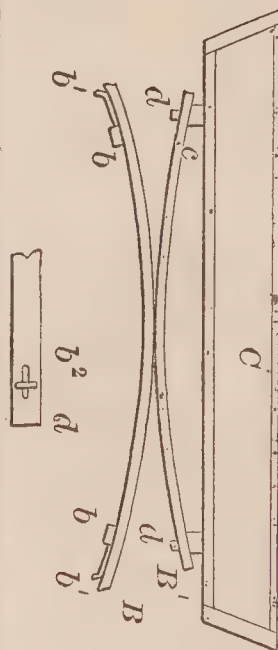
**79906**—L. Hotchkiss—  
*Fruit Picker.*



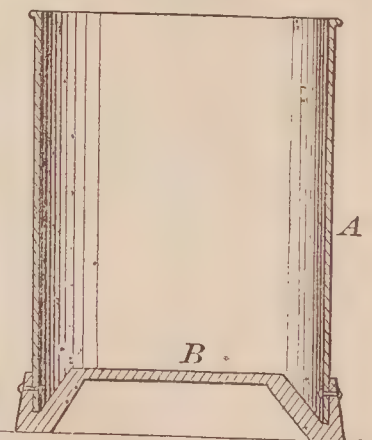
**79902**—C. A. Foster—*Meat Cutter.*



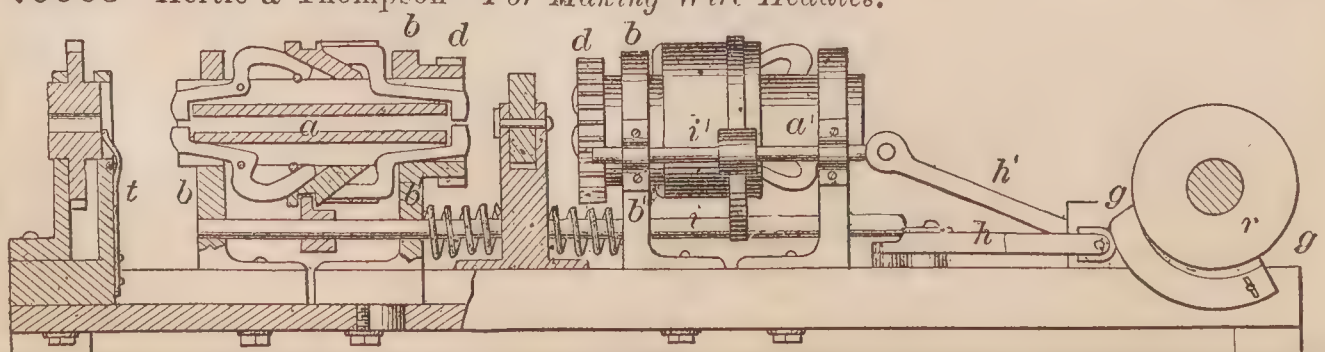
**79909**—Hunt & Chapman—*Wagon Seat.*



**79907**—G. A. Huggins—  
*Milk Can.*

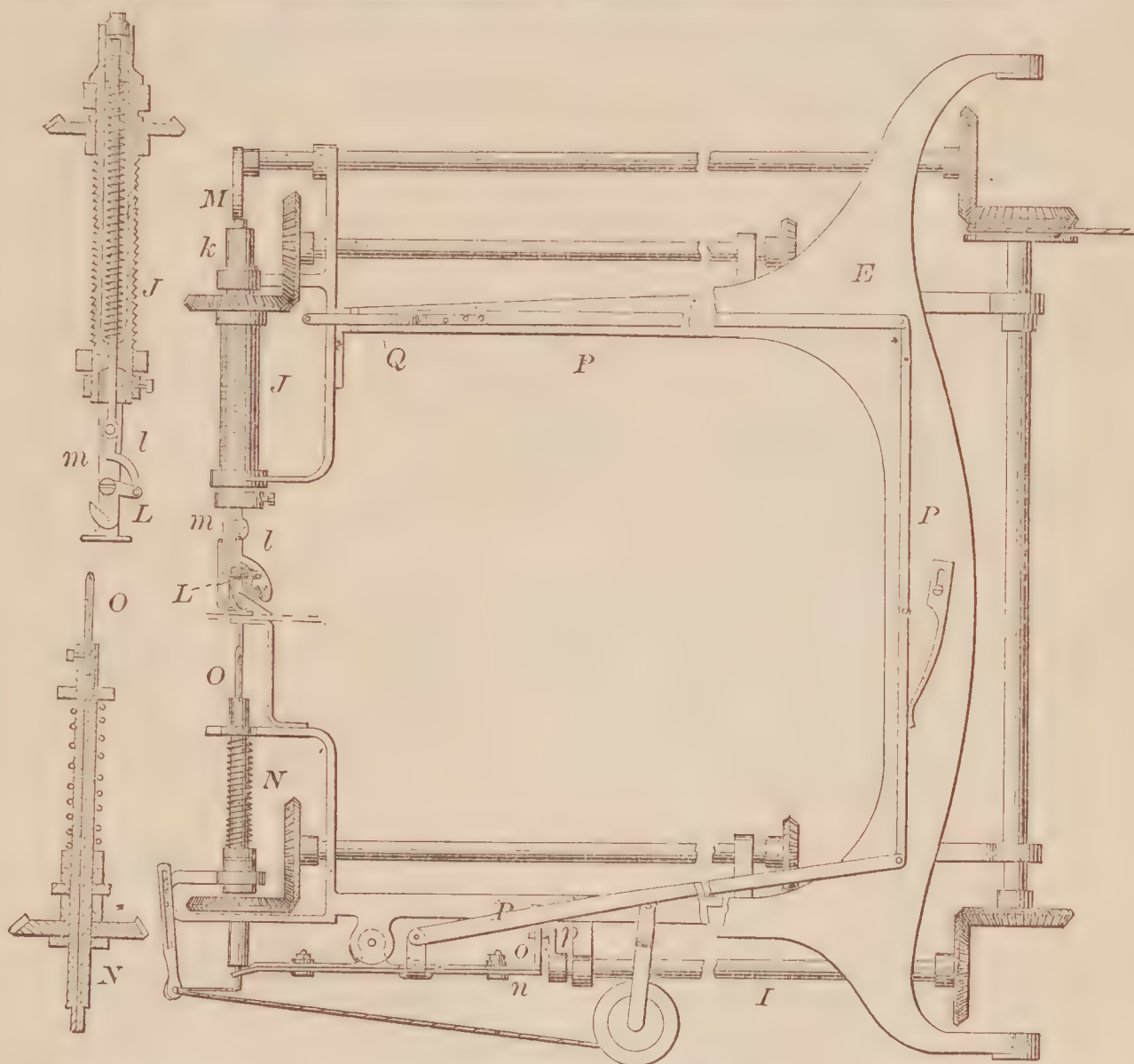
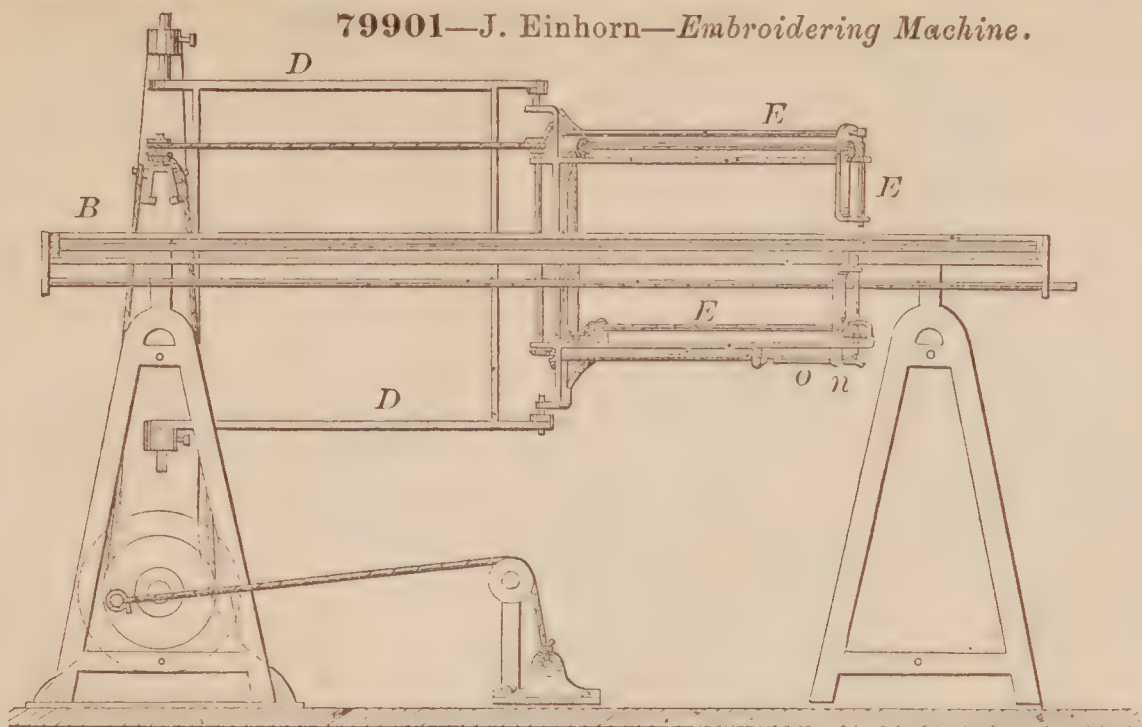


**79905**—Hertle & Thompson—*For Making Wire Heddles.*

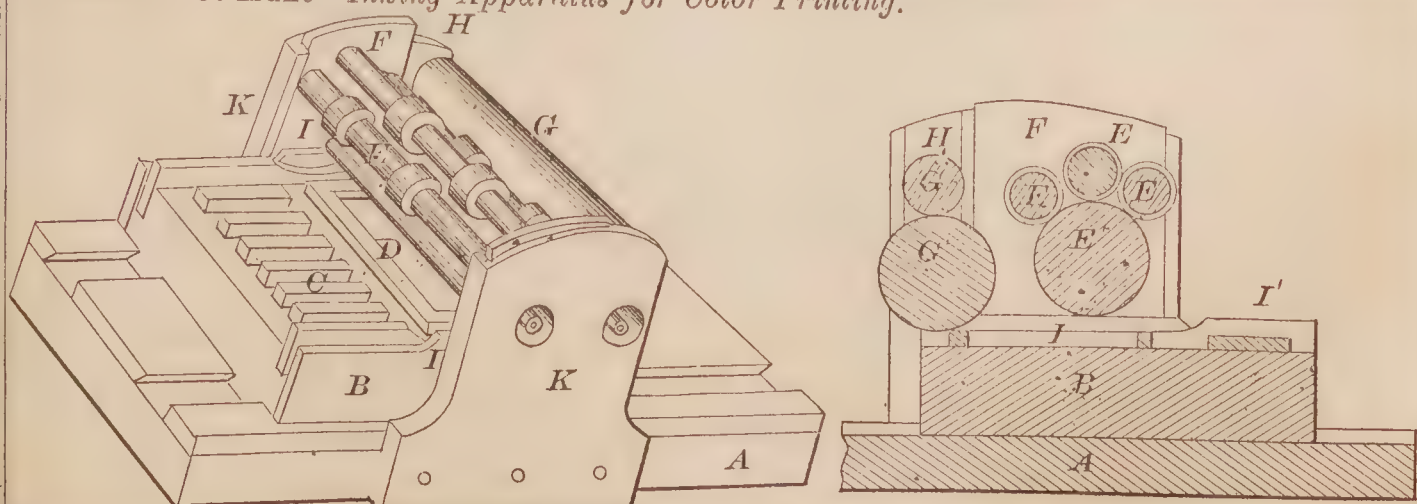




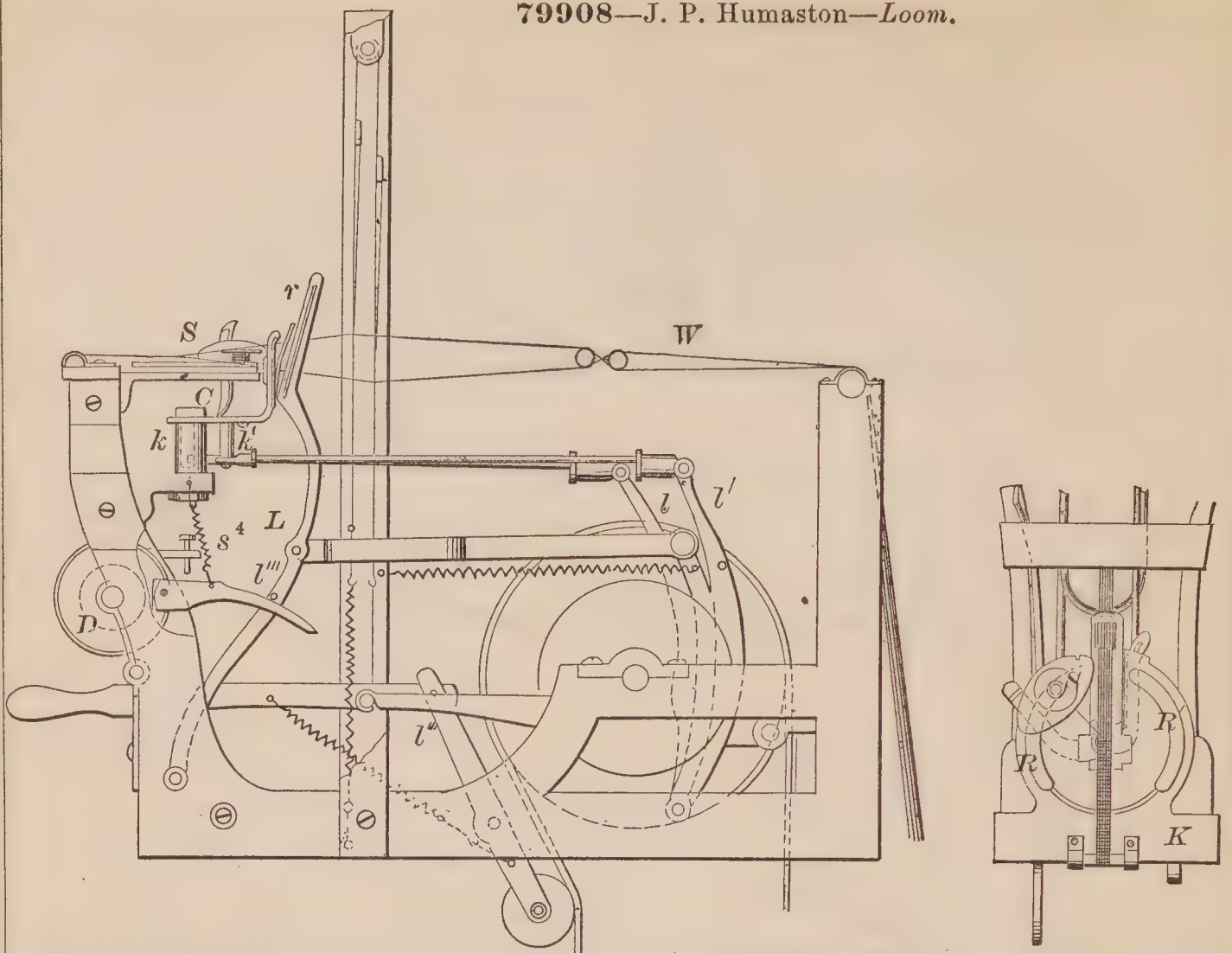
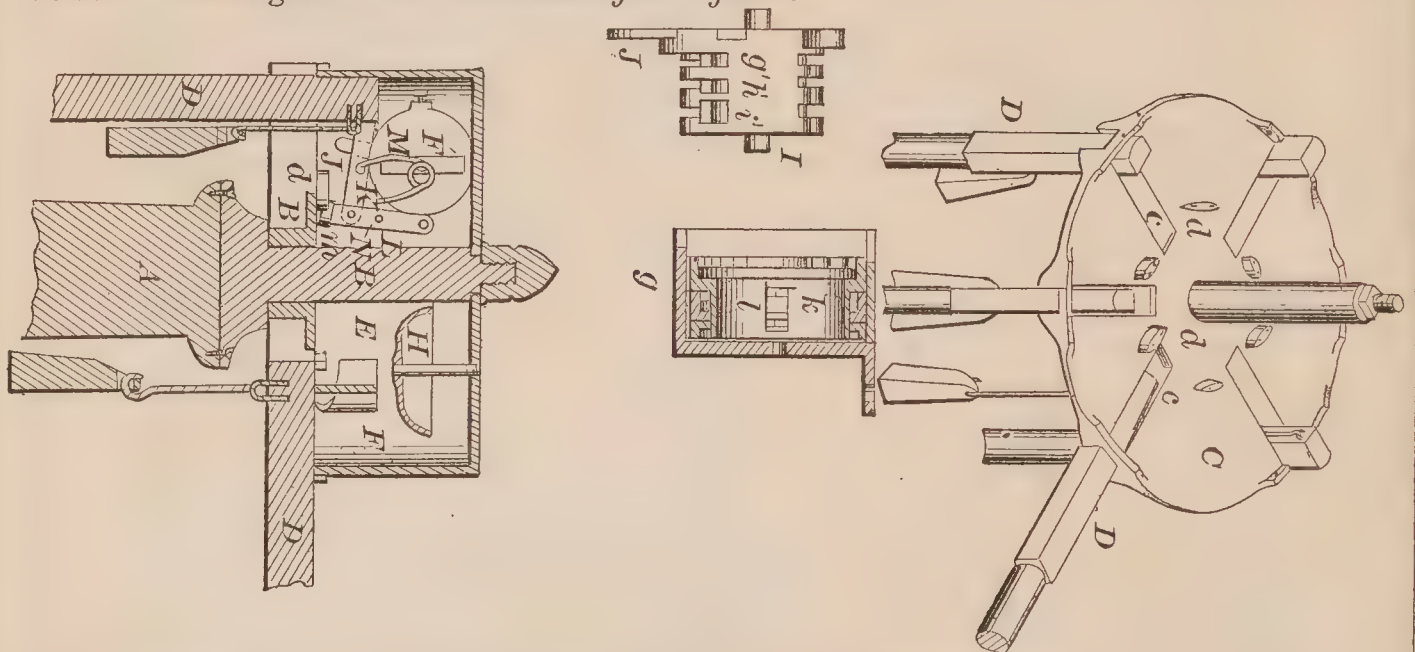
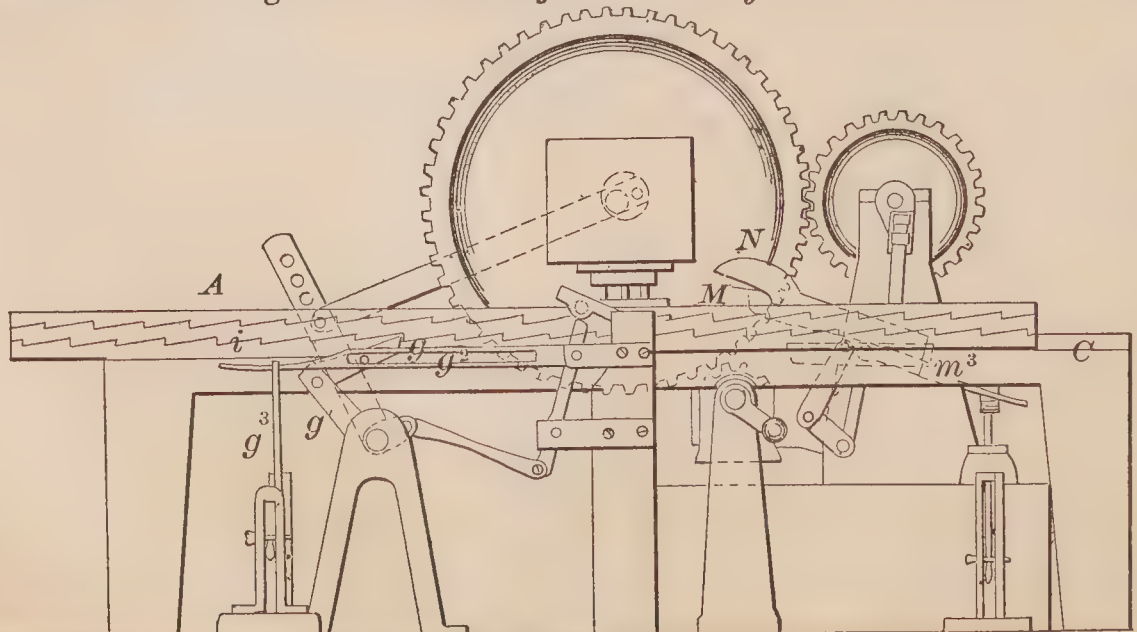
79901—J. Einhorn—*Embroidering Machine.*



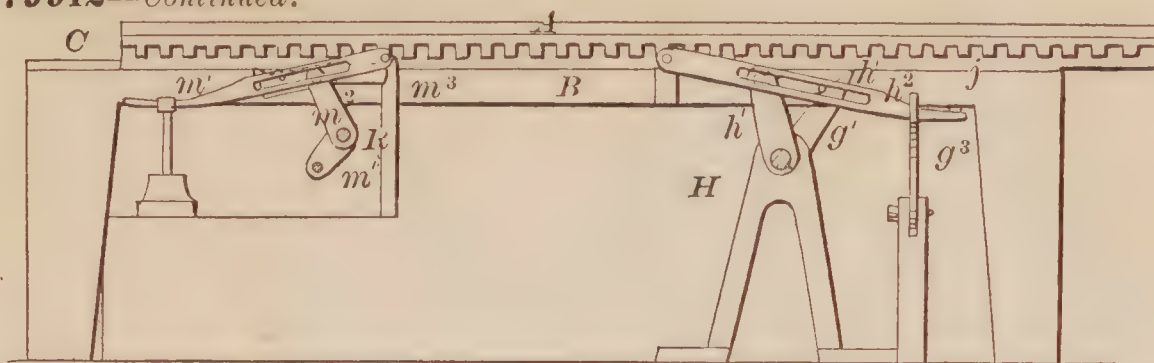
79910—J. Hunt—*Inking Apparatus for Color Printing.*



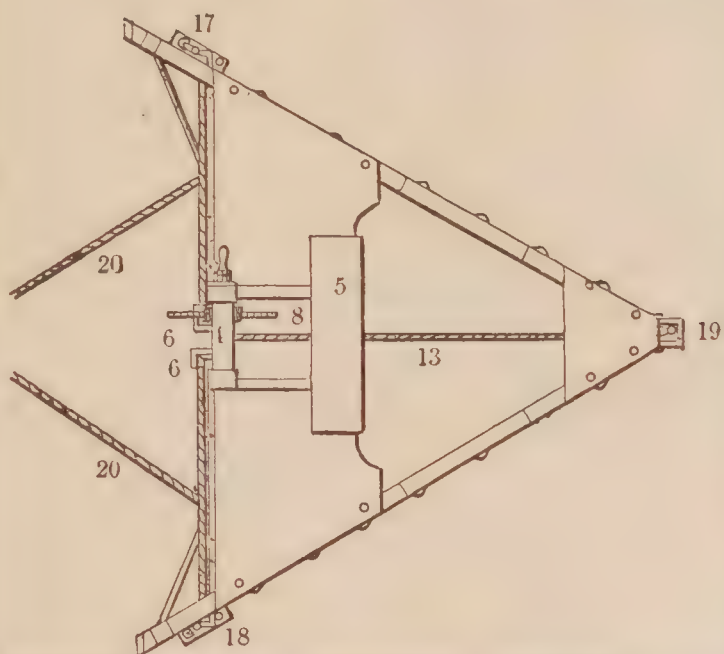
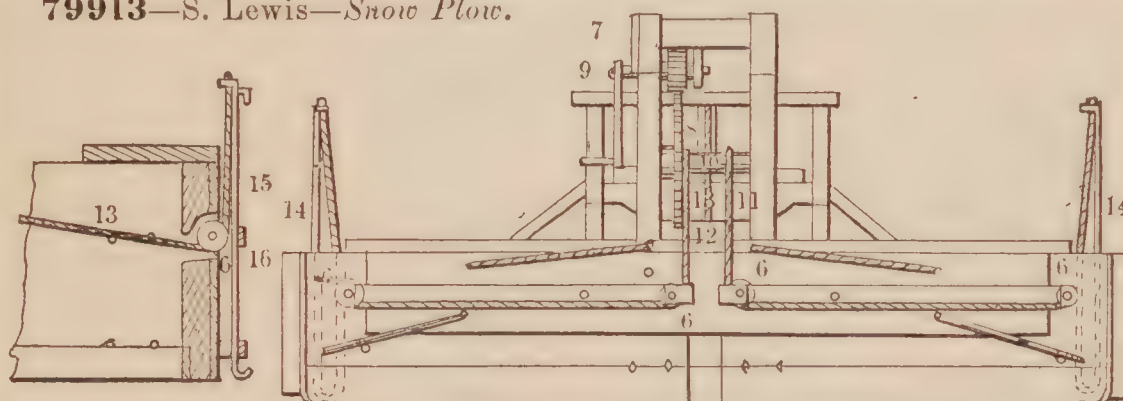


79908—J. P. Humaston—*Loom.*79911—Huntington & Fulton—*Passenger Register.*79912—M. A. Lanagan—*For Punching and Shearing.*

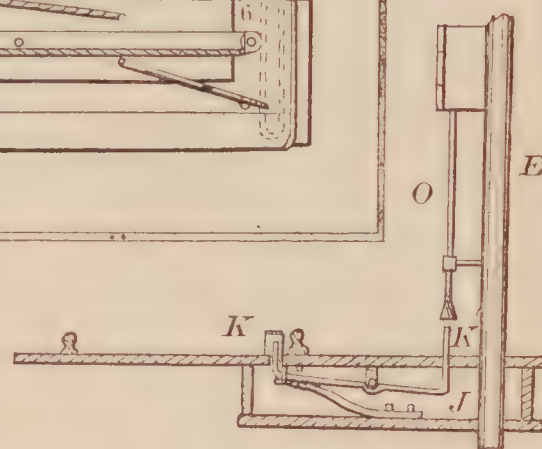
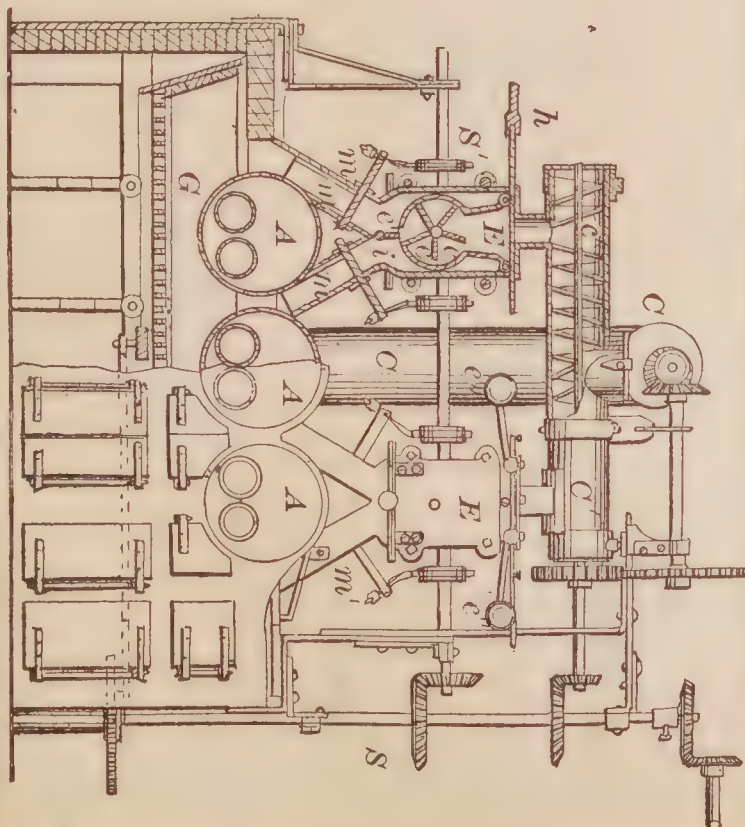
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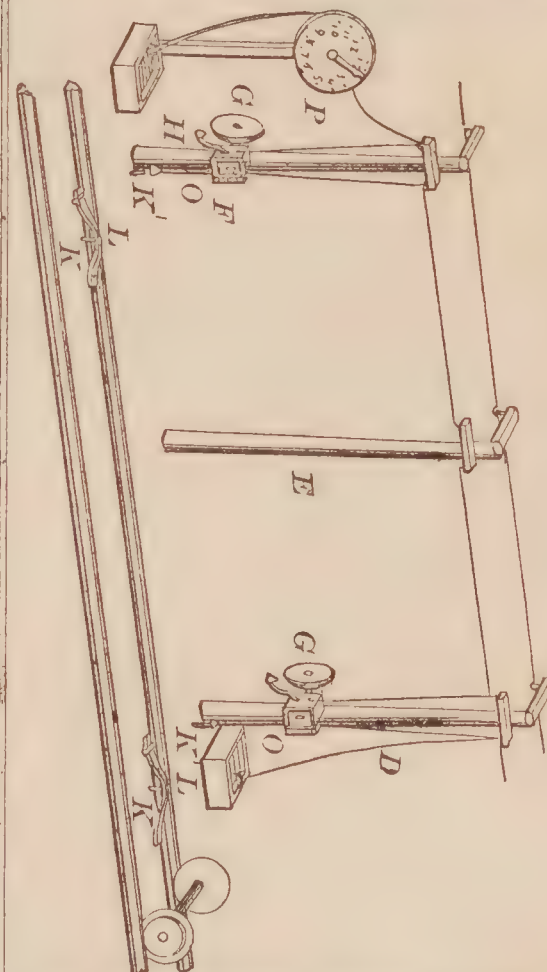
79913—S. Lewis—*Snow Plow*.



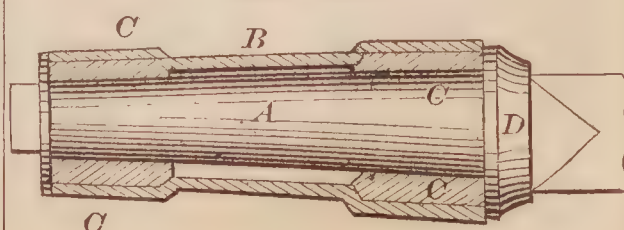
**79914**—J. G. McCormick—*For Feeding Fuel to Furnaces.*



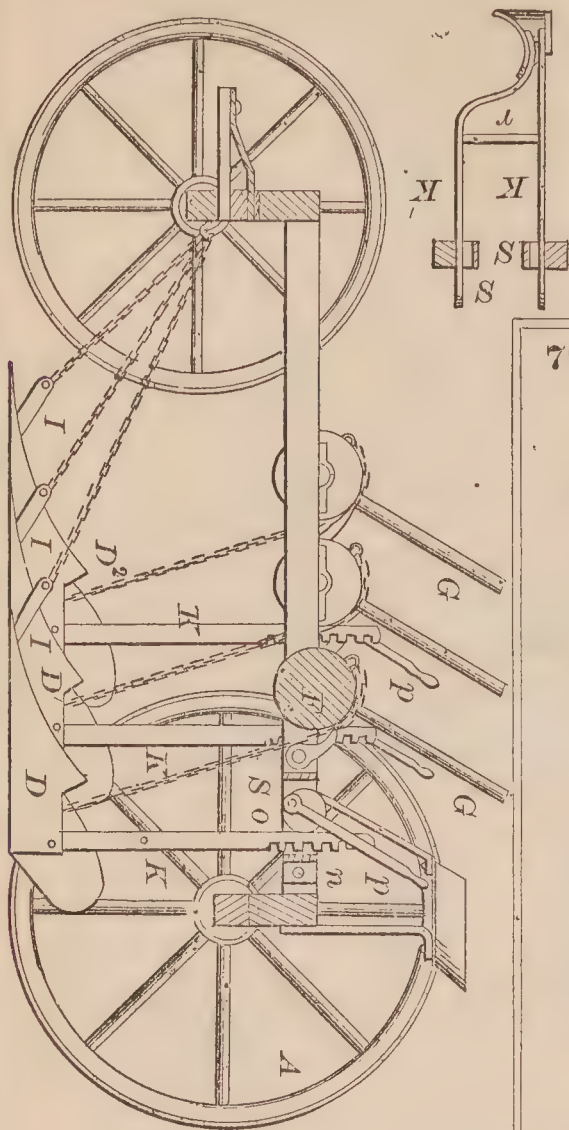
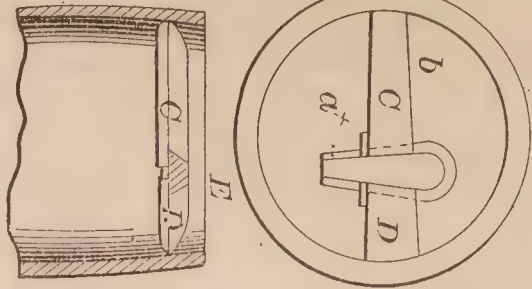
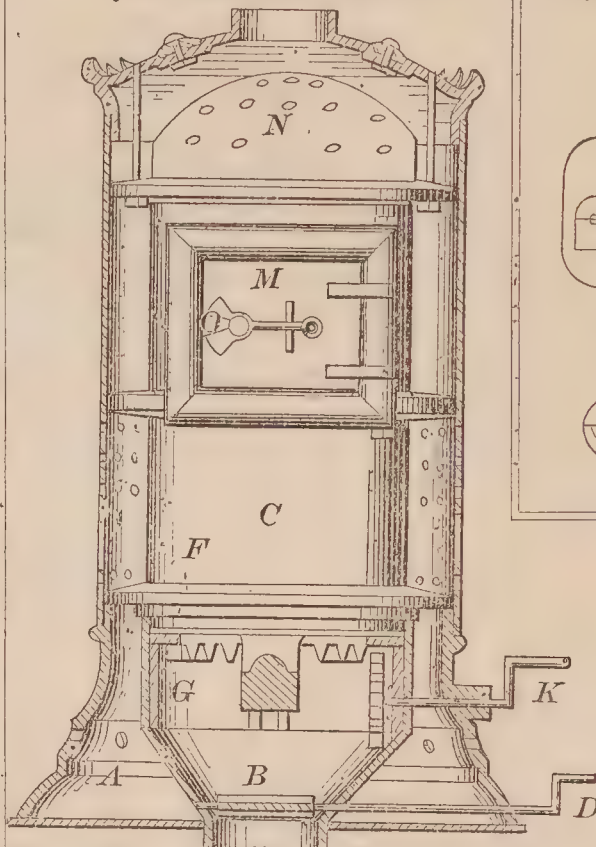
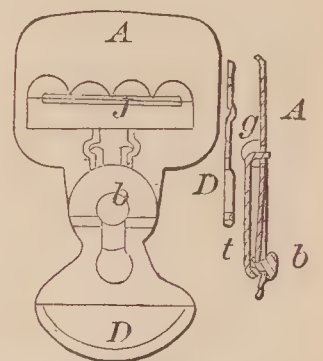
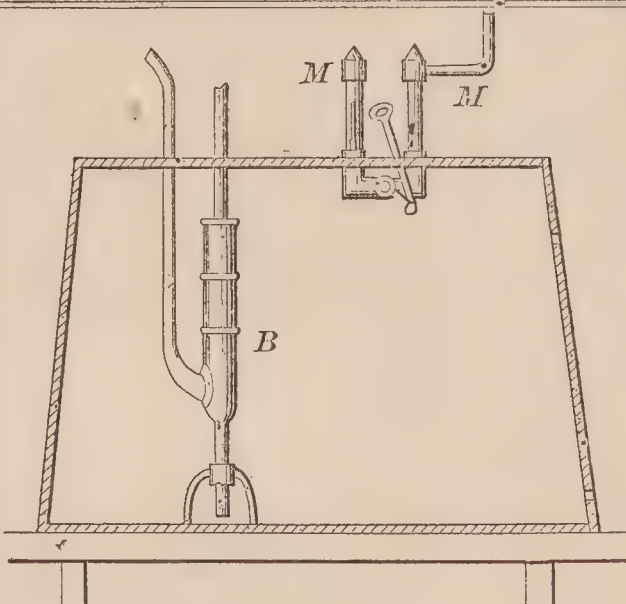
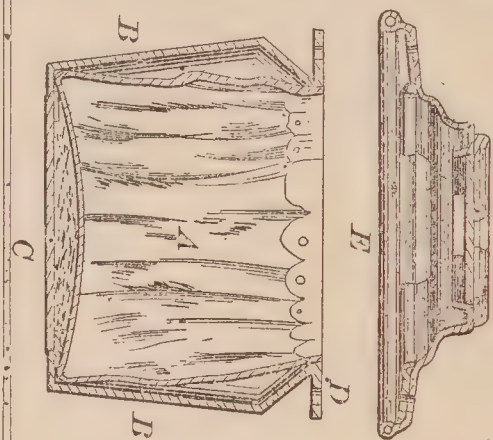
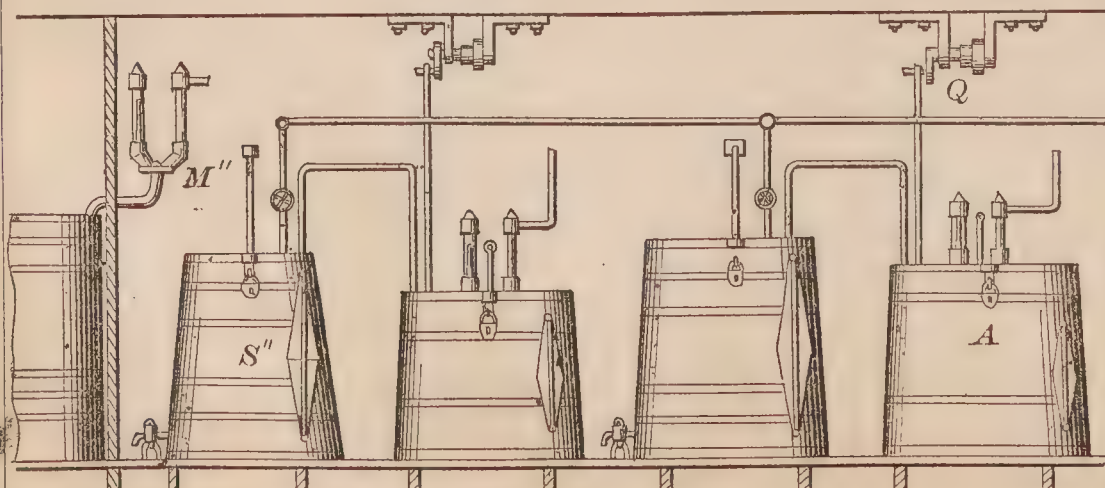
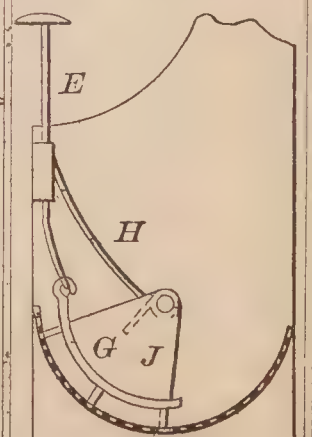
79915—G. Natcher—*Railroad Telegraphic Alarm.*



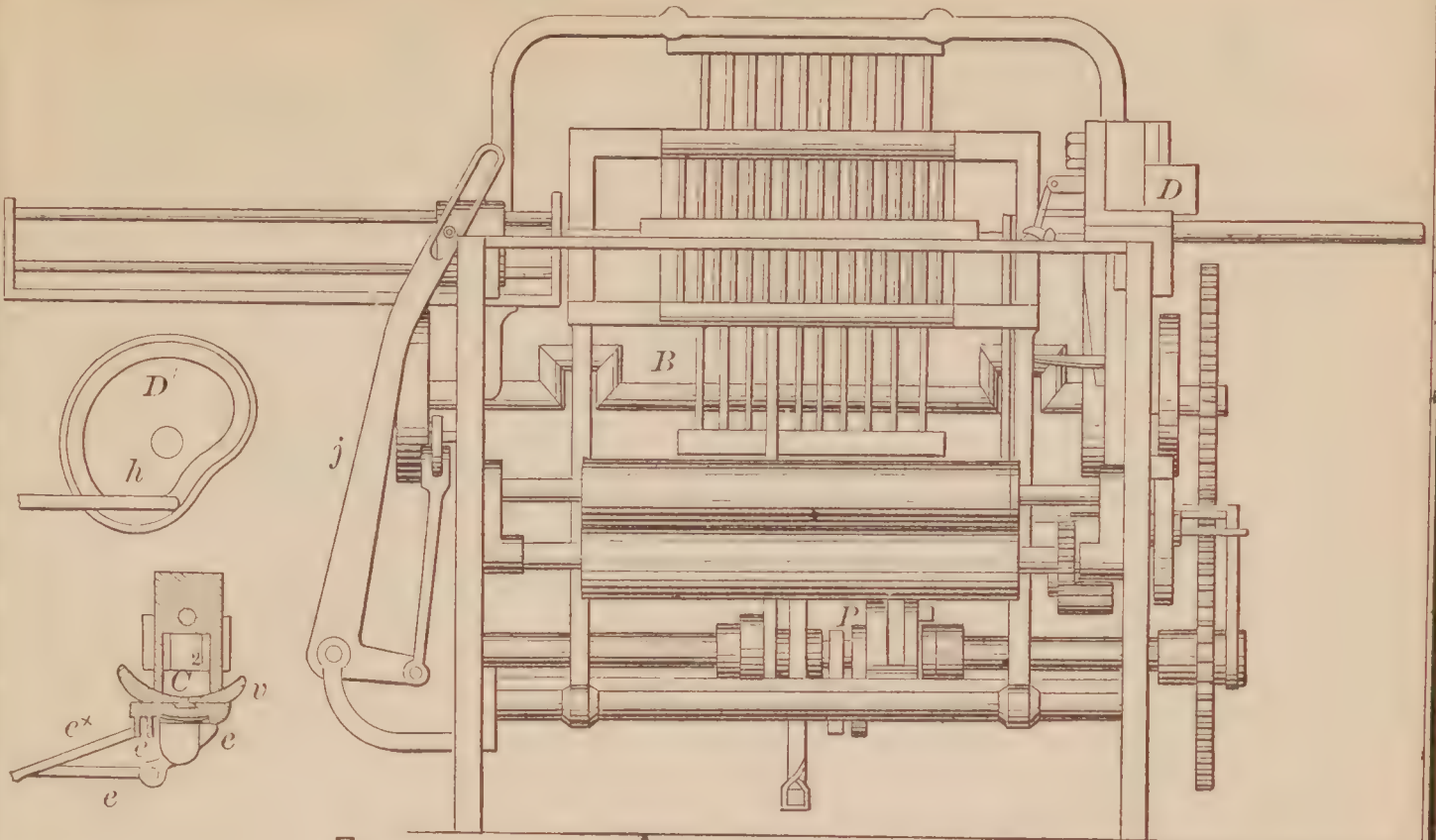
**79916**—Pearne & Coville—  
*Axle Box.*



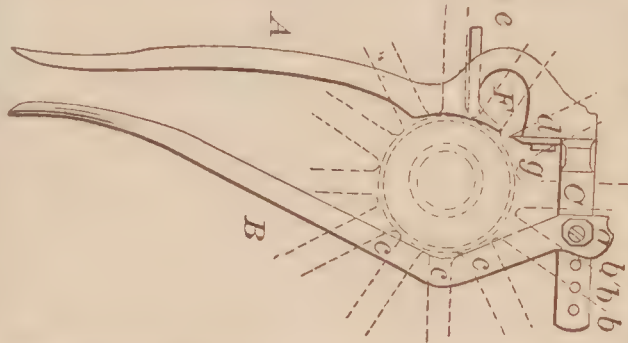


79917—Porter & Norton—*Gang Plow.*79919—Rink & Docherty—*Barrel Head.*79920—Sax & Kear—*Stove for Railroad Cars.*79918—A. Potosky—*Suspender Buckle.*79926—Vaughn, Chadwell, Childress & Weber—*For the Manufacture of Whiskey.*79921—B. Smith—*Coffin.*79922—Smith & Perkins—*Scoop.*

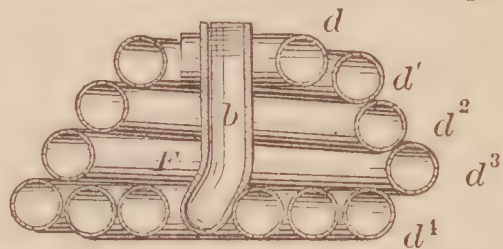
79923—J. C. Smith—*Loom for Weaving Palm Leaf.*



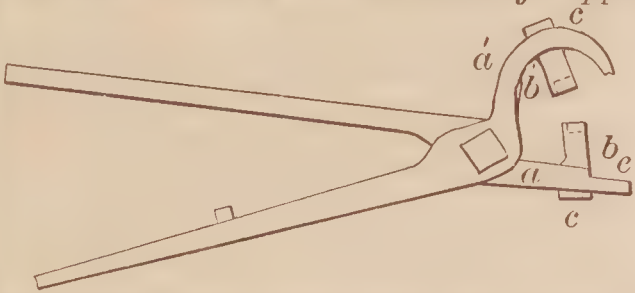
79925—Stone & Herbert—*Tool for Fitting Bands on Hubs.*



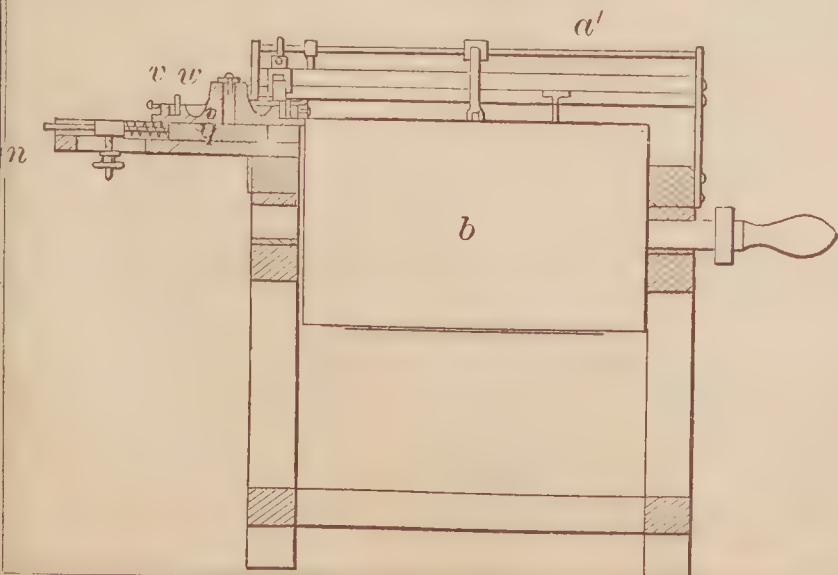
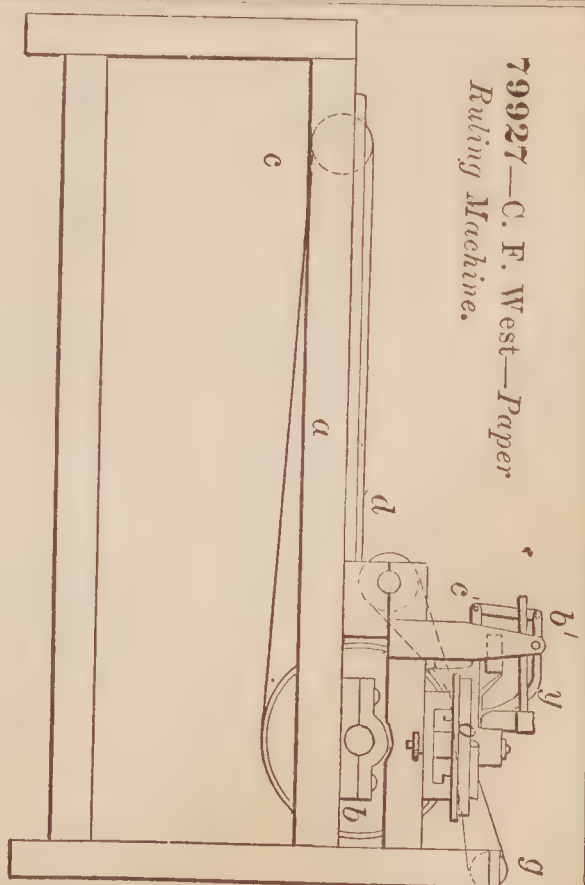
79924—D. M. Smyth—*Lamp.*



79928—J. B. Wilder—*Clinching Nippers.*

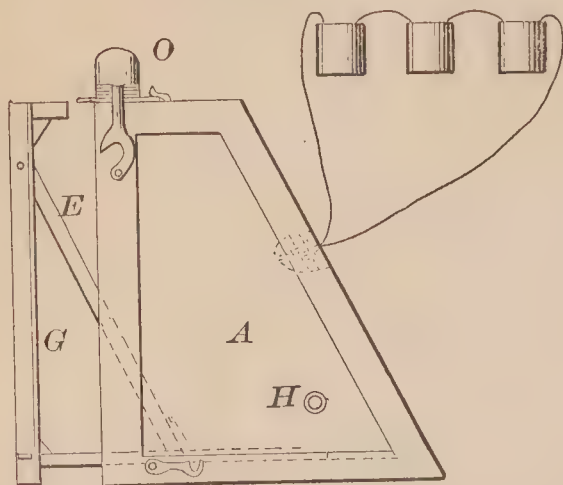


79927—C. F. West—*Paper Ruling Machine.*

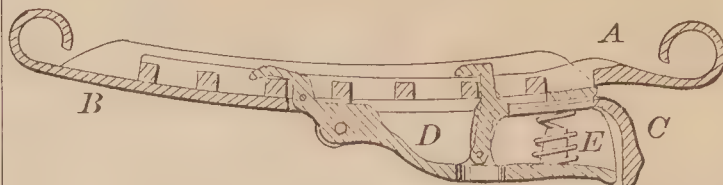




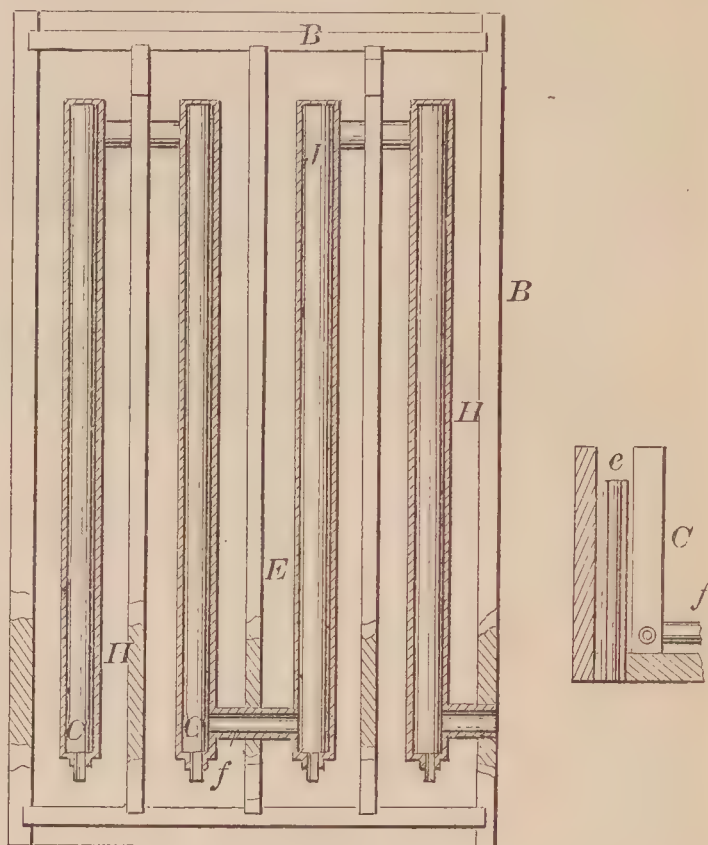
**79929**—Winterburn & Kent—*Electrical Bath.*



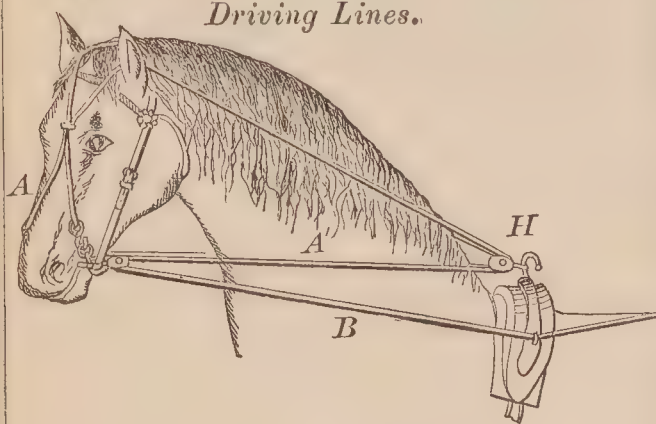
**79930**—A. B. & S. A. Woodard—*Hames Fastener.*



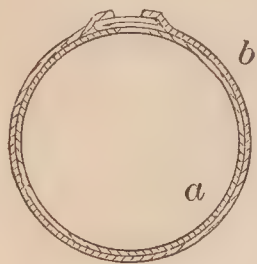
**79931**—J. Agate—*Beer Cooler.*



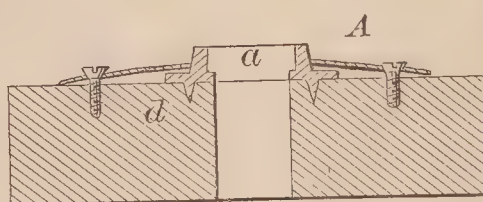
**79932**—C. M. Alexander—*Check and Driving Lines.*



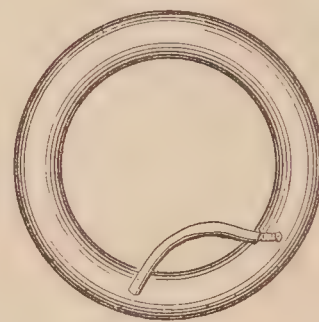
**79933**—G. M. Allerton—*Inflated Rubber Goods.*



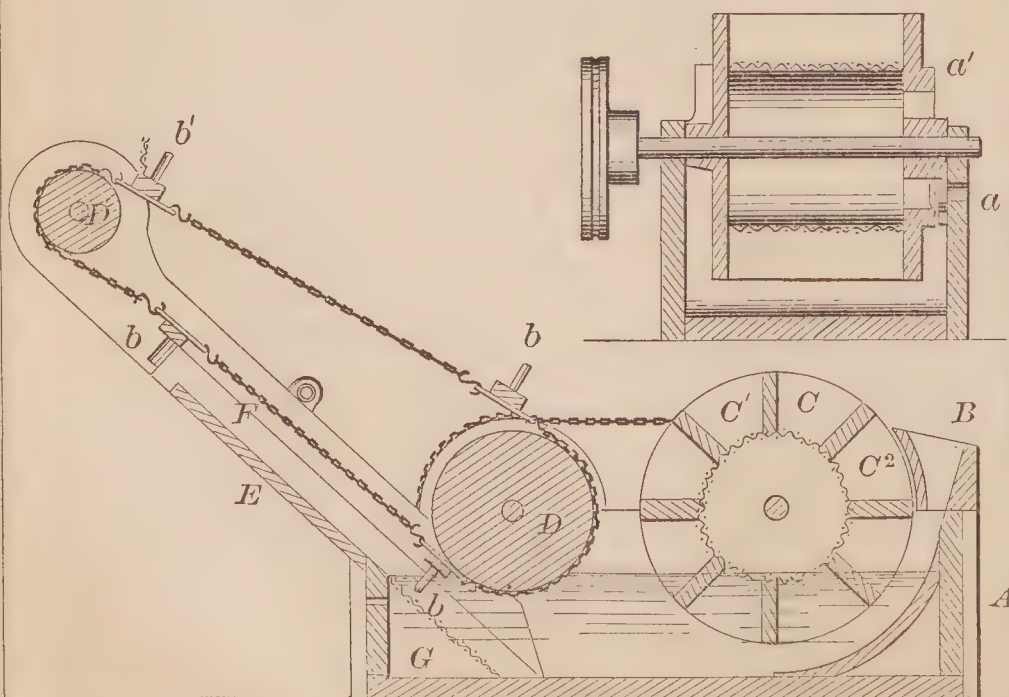
**79936**—W. H. Andrews—*Rose for Door Knobs.*



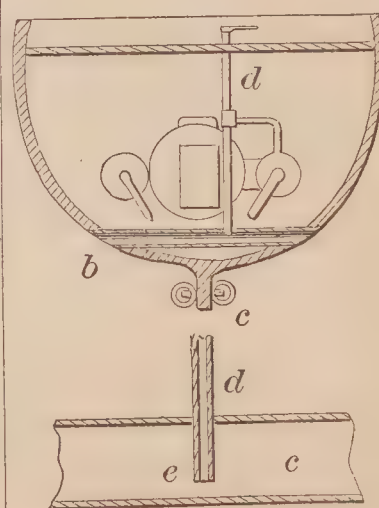
**79934**—G. M. Allerton—*Life Preserver.*



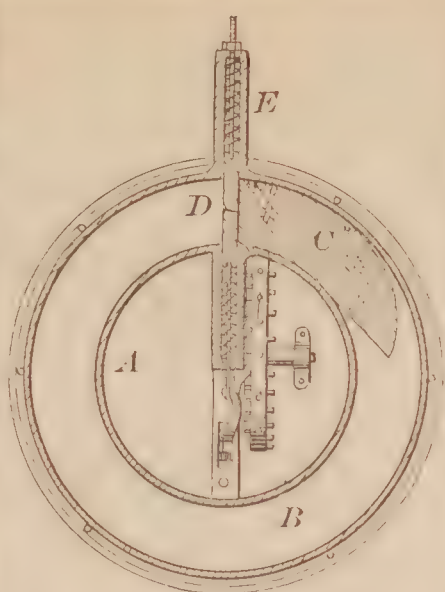
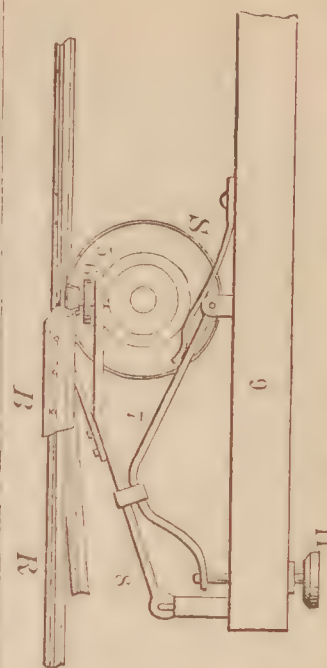
**79935**—J. E. Andrews—*For Washing Paper Stock.*



**79937**—B. T. Babbitt—*Propelling Vessels.*

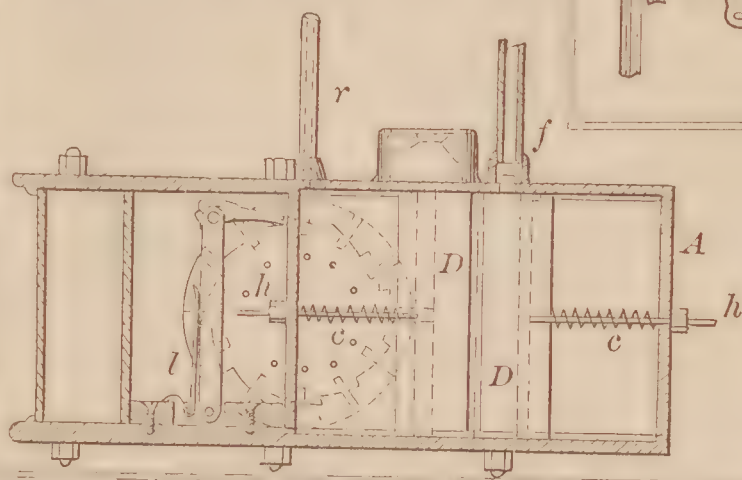
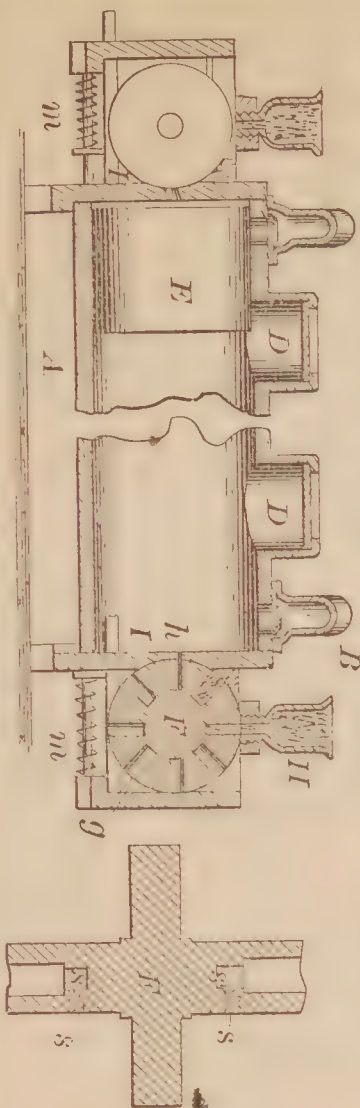


79910—G. L. Bailey—Street Railroad Switch



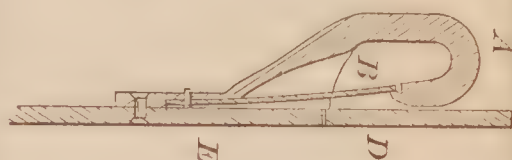
79939—B. T. Babbitt—Gas Explosive Engine for Condensing Air.

79938—B. T. Babbitt—Gas Explosive Engine for Condensing Air.

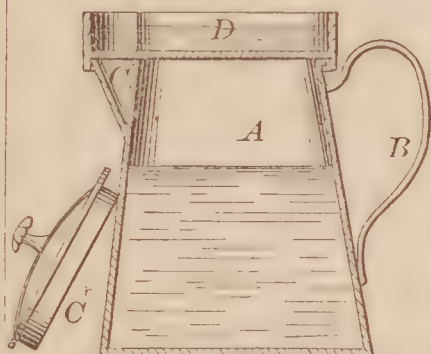
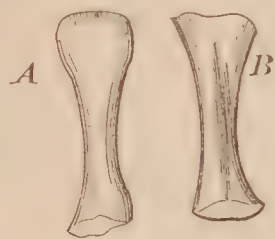


79943—B. Bordman—Coffee Pot.

79944—W. H. Bouser—Snap Hook.

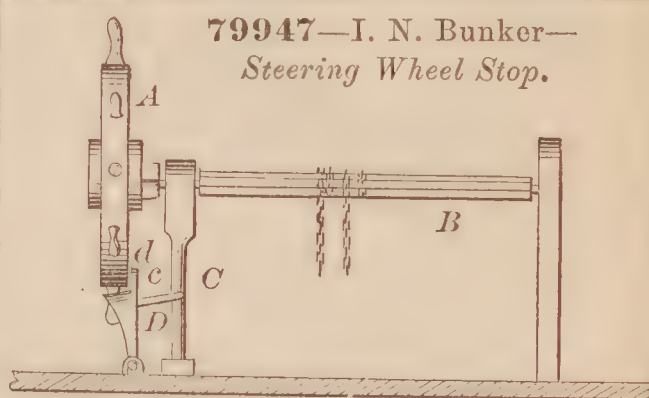


79941—A. Bertram—Boot and Shoe Shank.

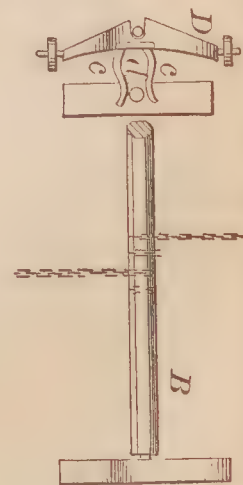
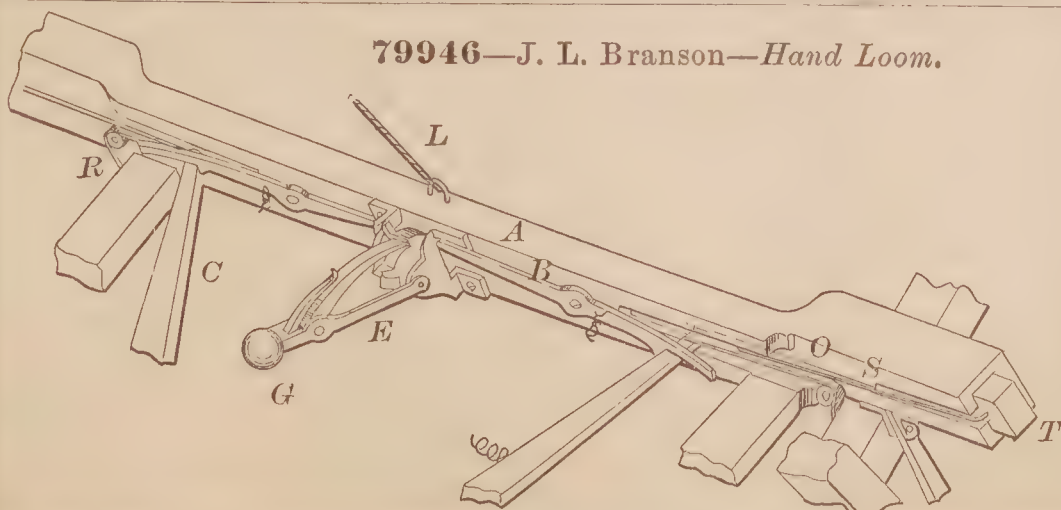


79945—J. Bragdon—Glue Pot.

79947—I. N. Bunker—Steering Wheel Stop.



79946—J. L. Branson—Hand Loom.

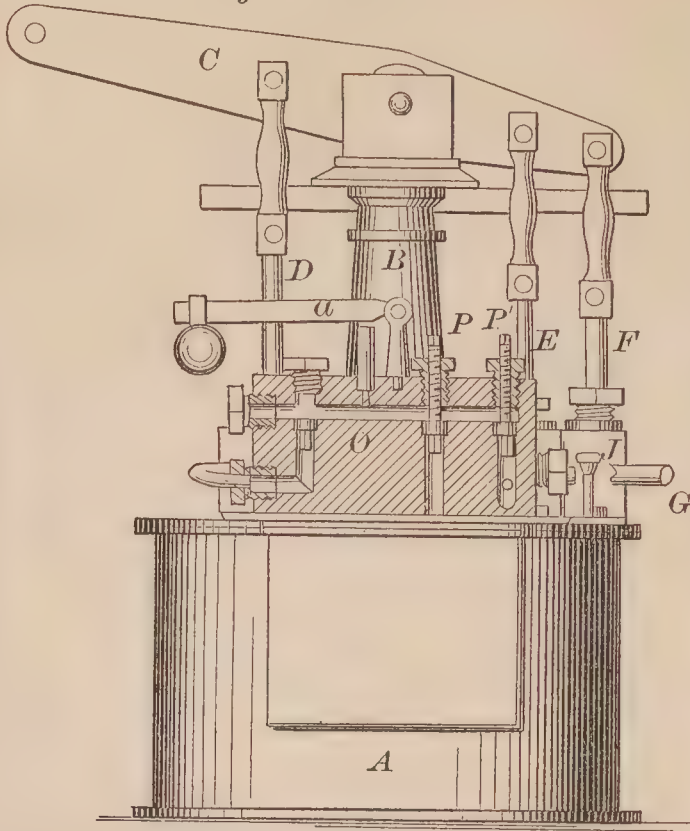




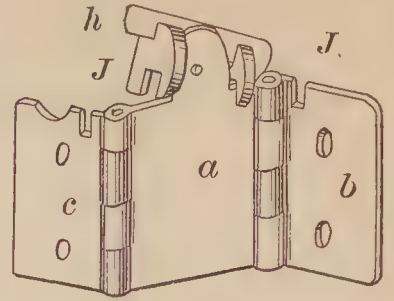
79948—E. L. Bushnell—Harvester Cutter Sharpener.



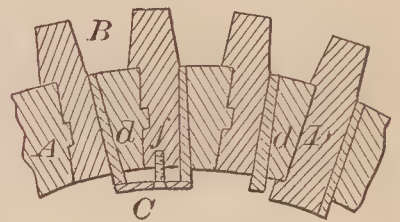
79949—W. P. Callahan—Force Pump for Hydraulic Presses.



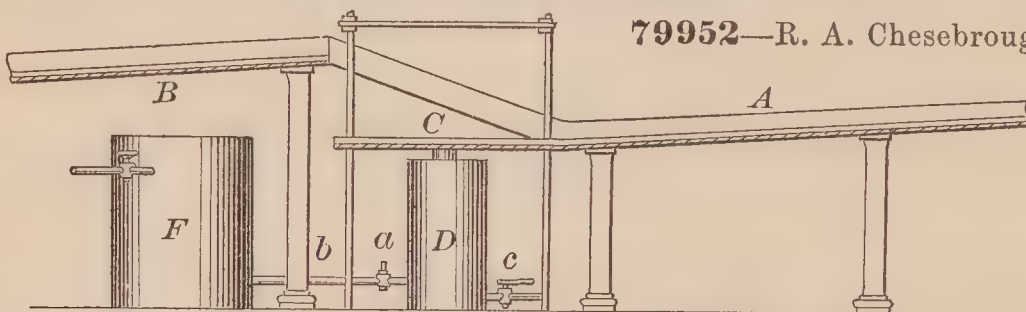
79950—J. H. Carkeet—Double Acting Hinge.



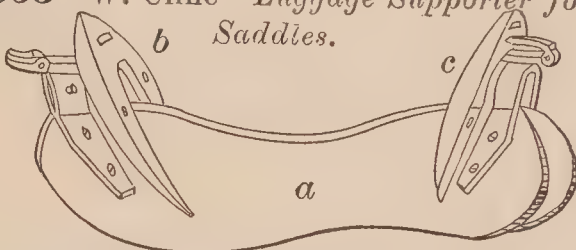
79957—J. Cowell—Wheel.



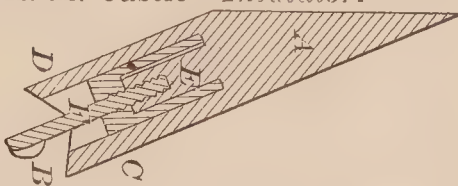
79952—R. A. Chesebrough—Railway.



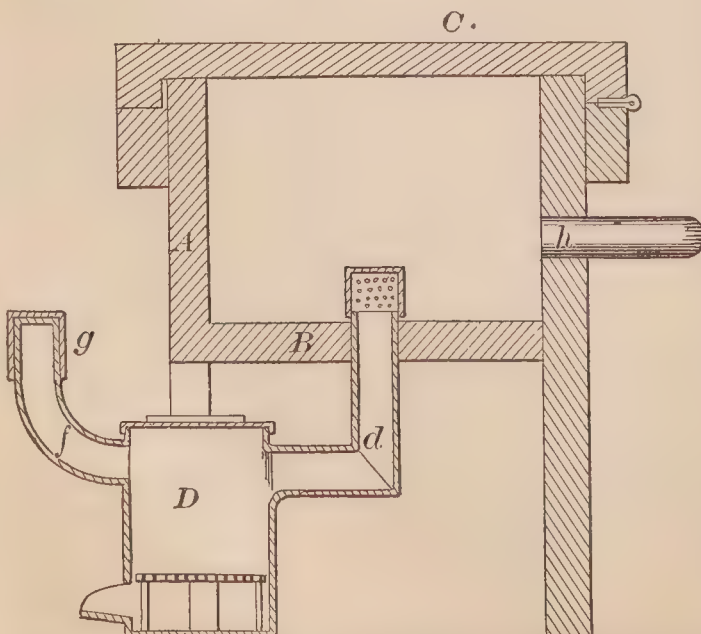
79953—W. Cline—Luggage Supporter for Saddles.



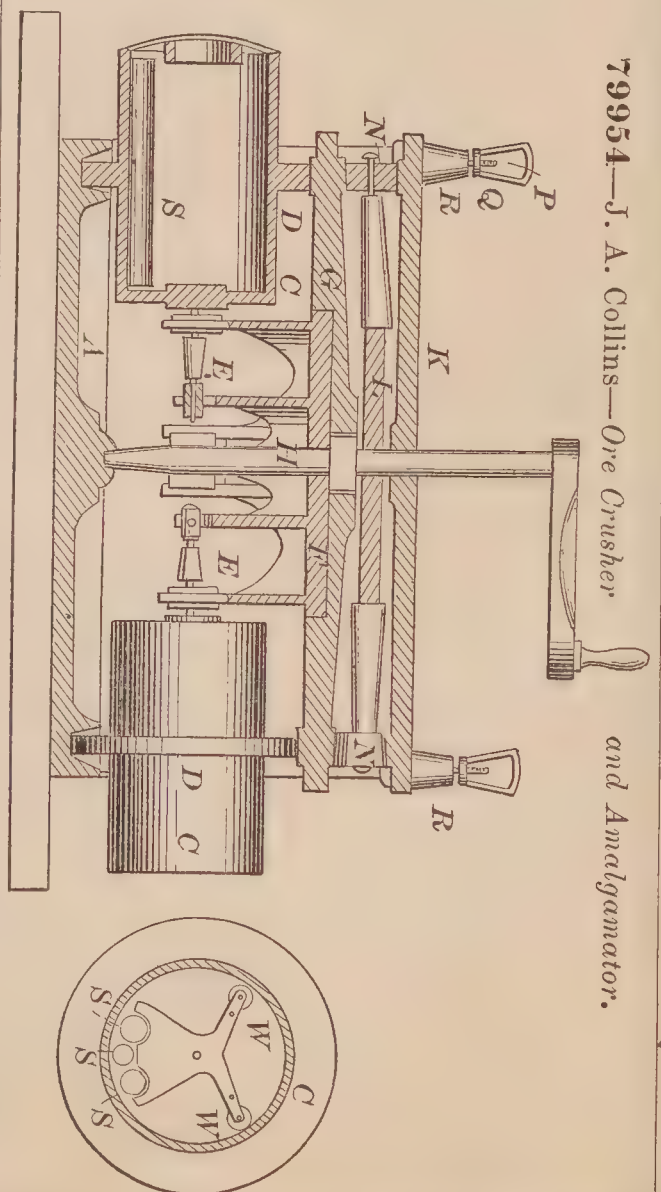
79951—A. H. Castle—Insulator.



79955—E. A. Combs—Bleaching Apparatus.

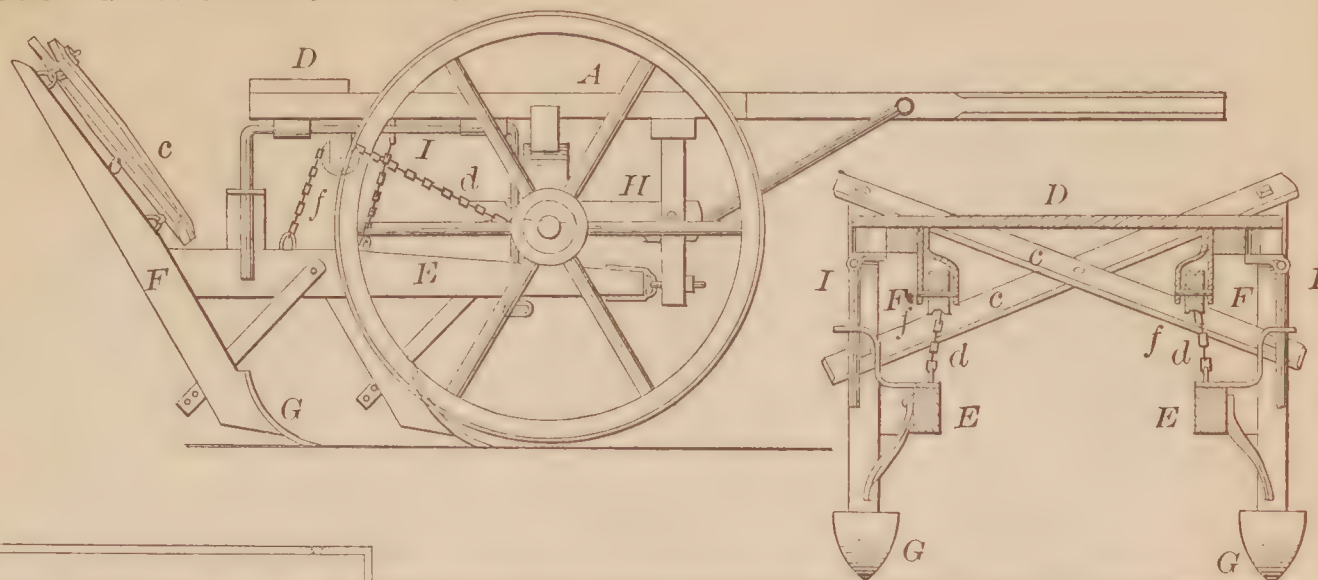


79954—J. A. Collins—Ore Crusher and Amalgamator.

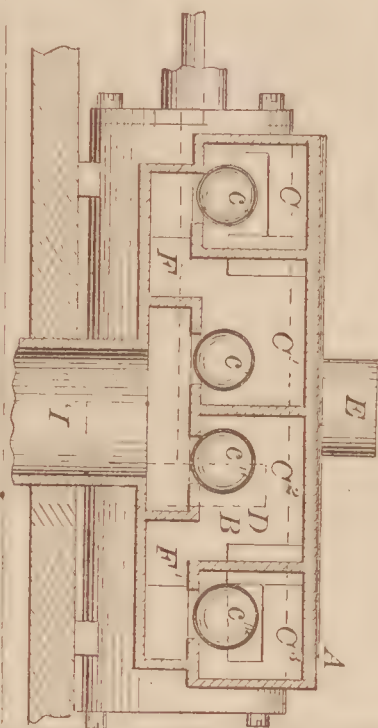
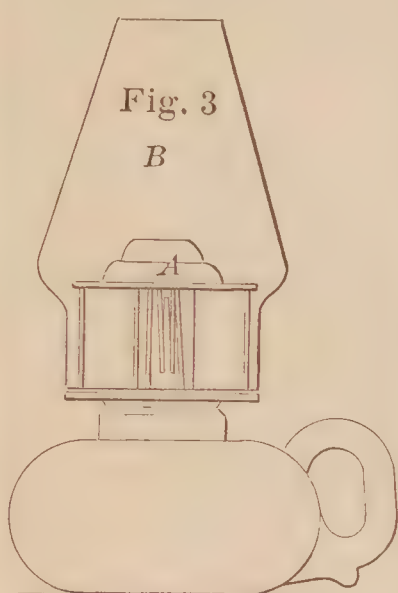




79956—G. W. Cook—Cultivator.

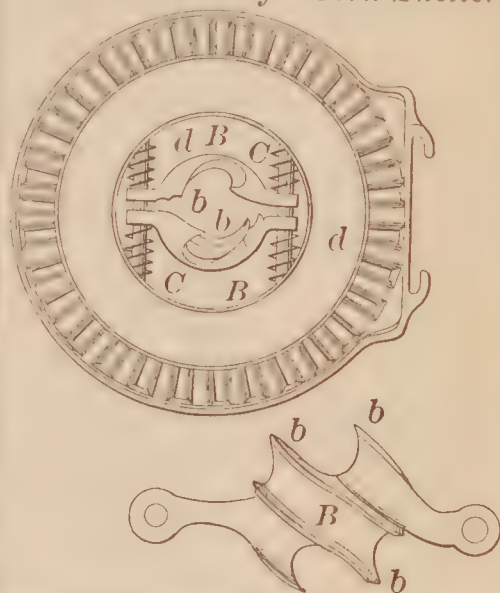


79958—R. R. Crosby  
Lamp Chimney.

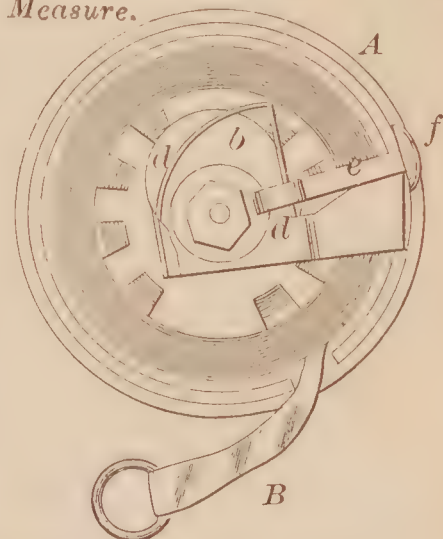


79959—R. W. Crouse—Pump.

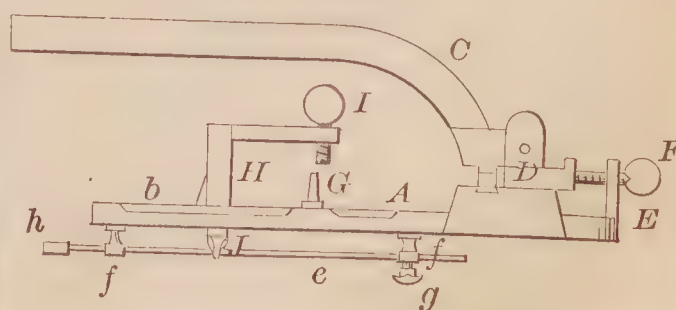
79961—M. Day—Corn Sheller.



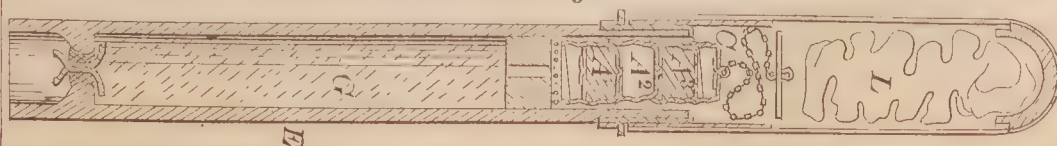
79965—A. J. Fellows—Tape  
Measure.



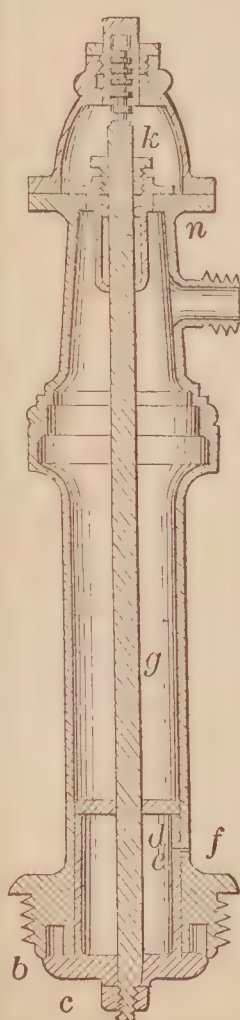
79964—I. Estell—Saw Set.



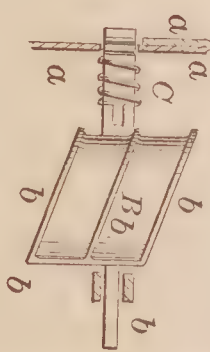
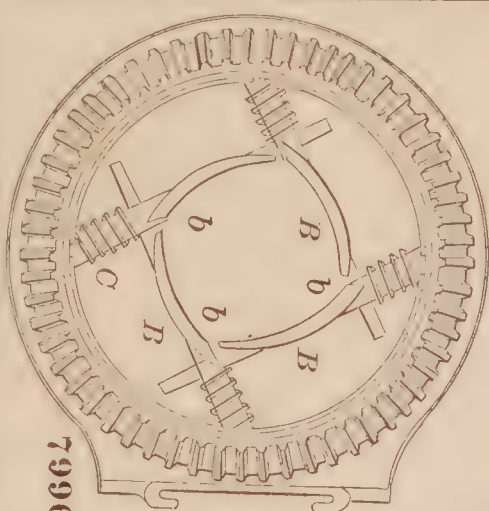
79963—J. J. Detwiller—Rocket Signal Device.



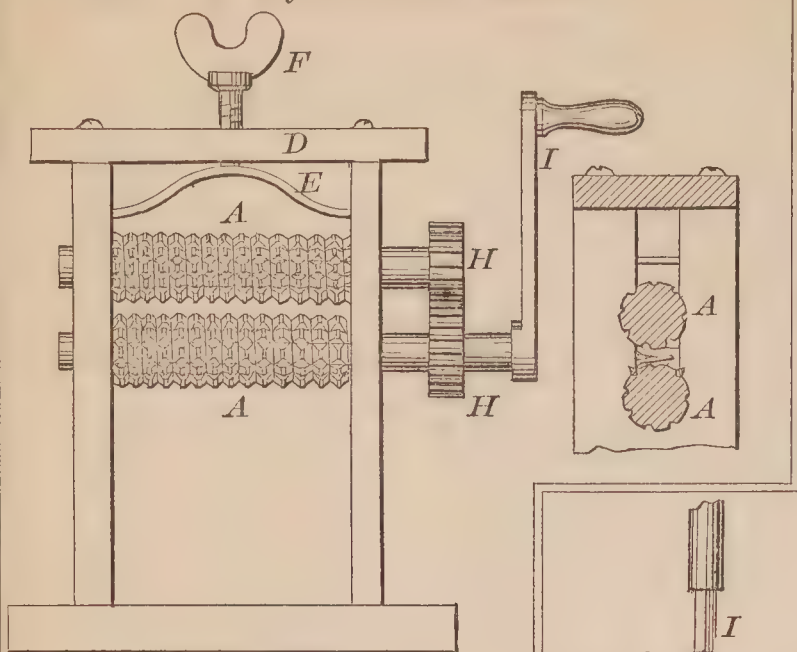
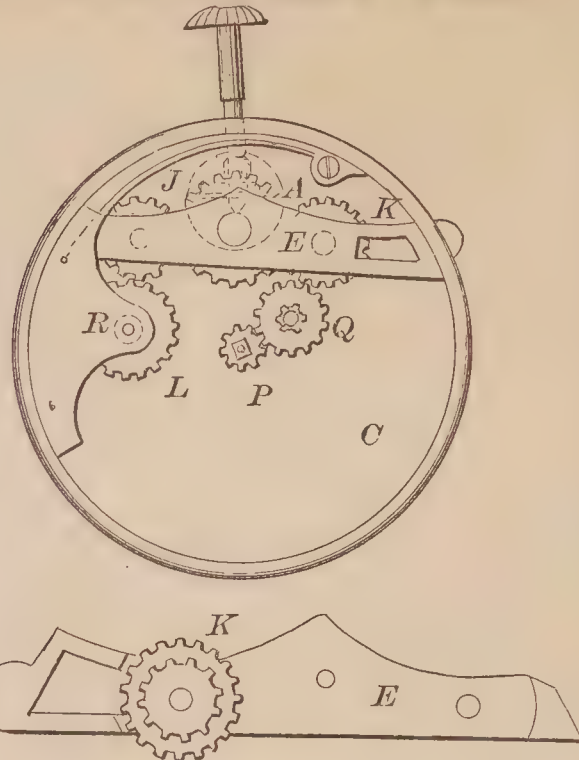
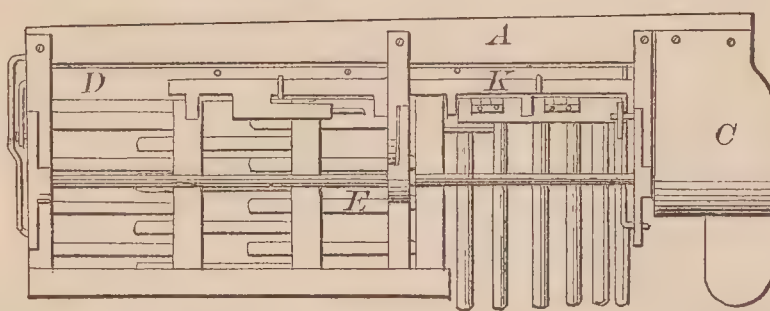
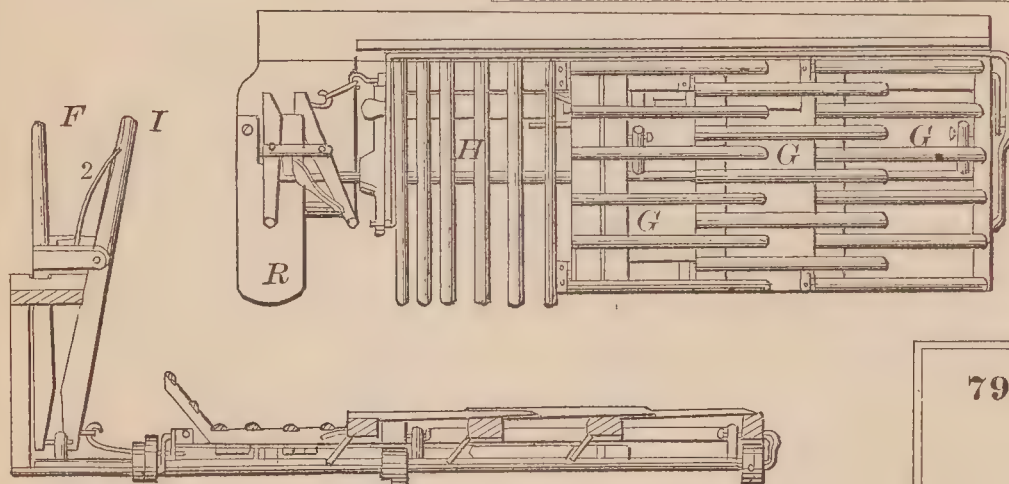
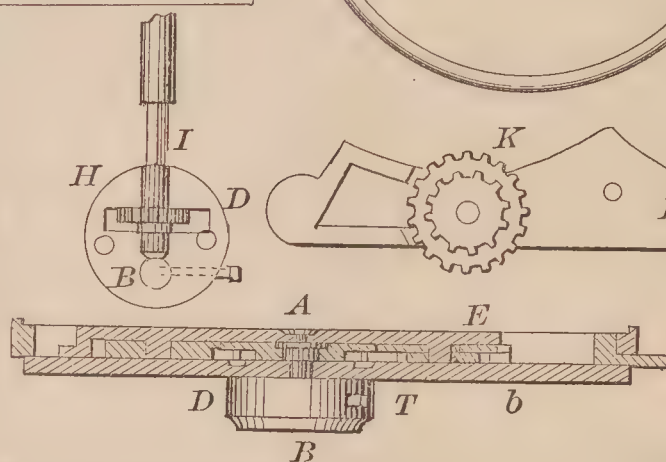
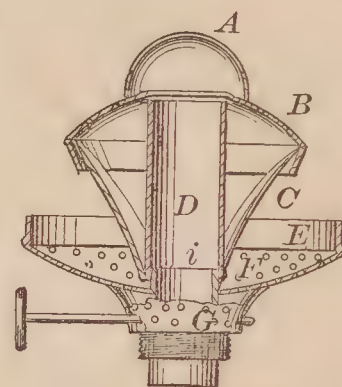
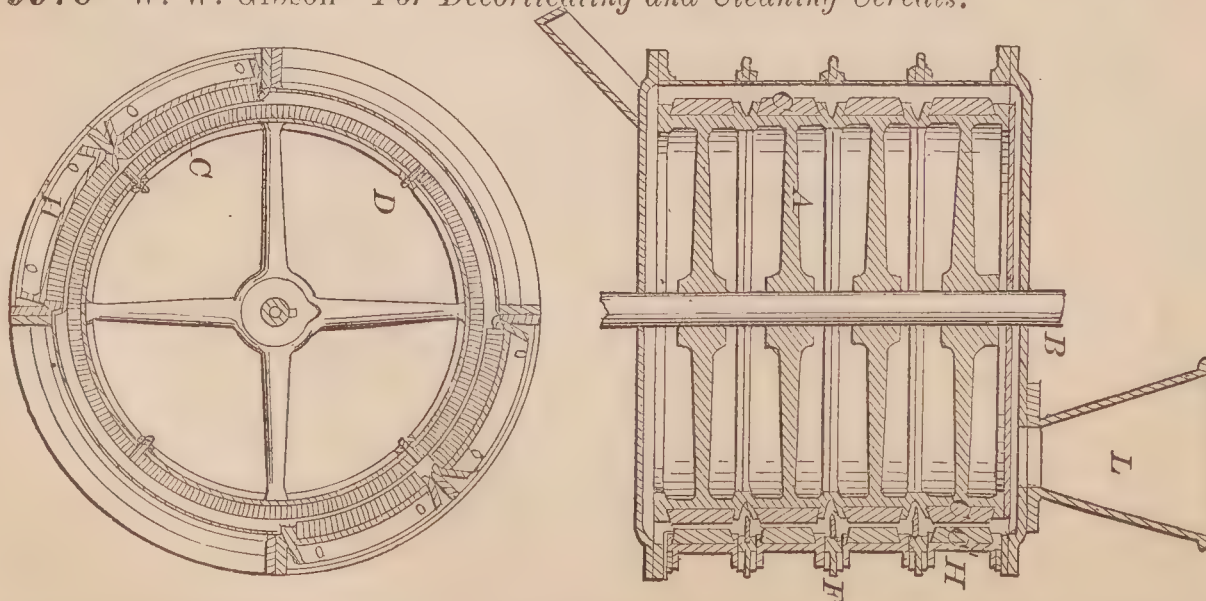
79960—J. P. Cummings—Fire Plug.



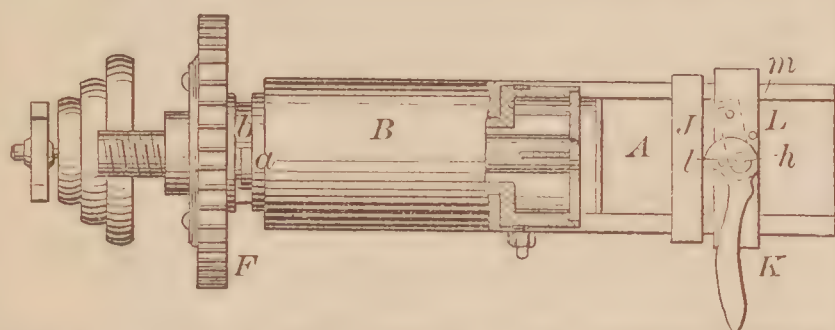
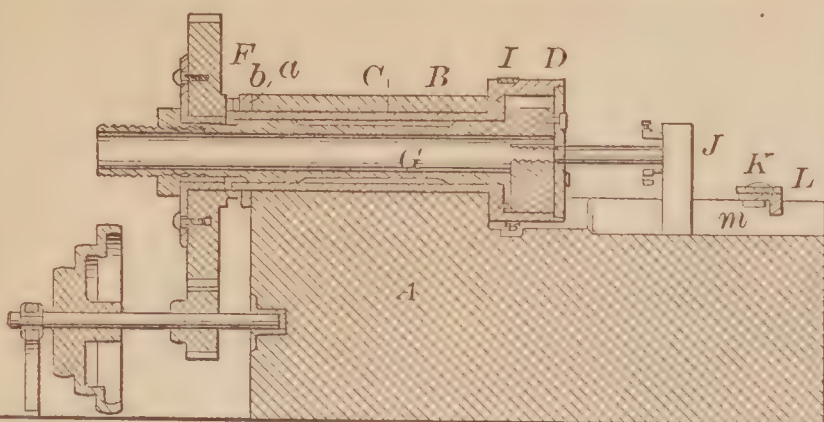
79962—M. Day—Corn Sheller.



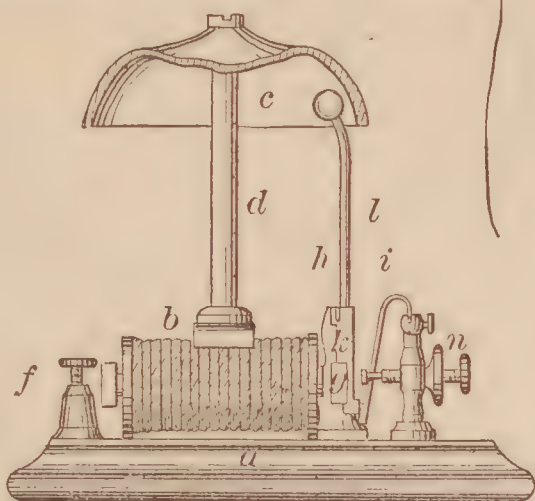
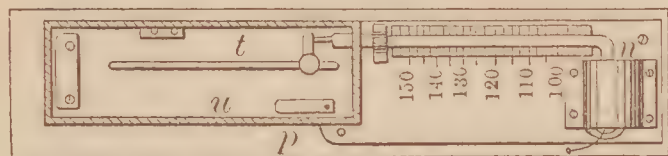


79966—R. Flynn—*Steak Masher.*79968—M. N. Frederick—*Watch.*79967—J. S. Fowler—*Discharging Apparatus for Harvesters.*79969—F. H. Fuller—*Lamp Burner.*79970—W. W. Gibson—*For Decorticating and Cleaning Cereals.*

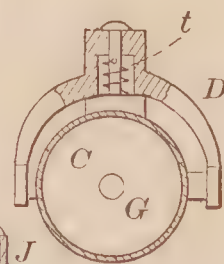
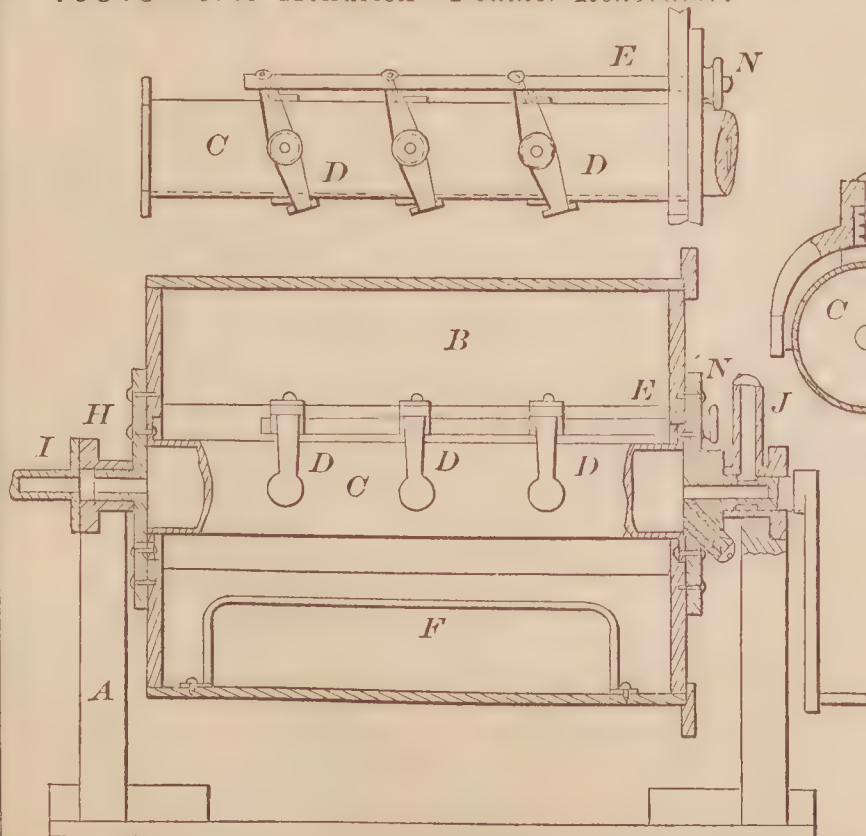
79971—E. Gould—Screw Threading Machine.



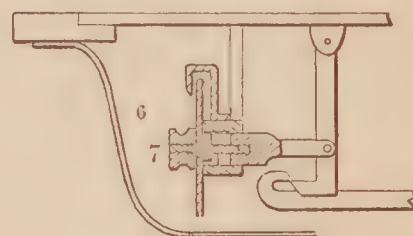
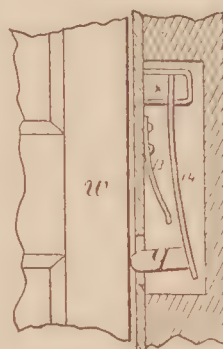
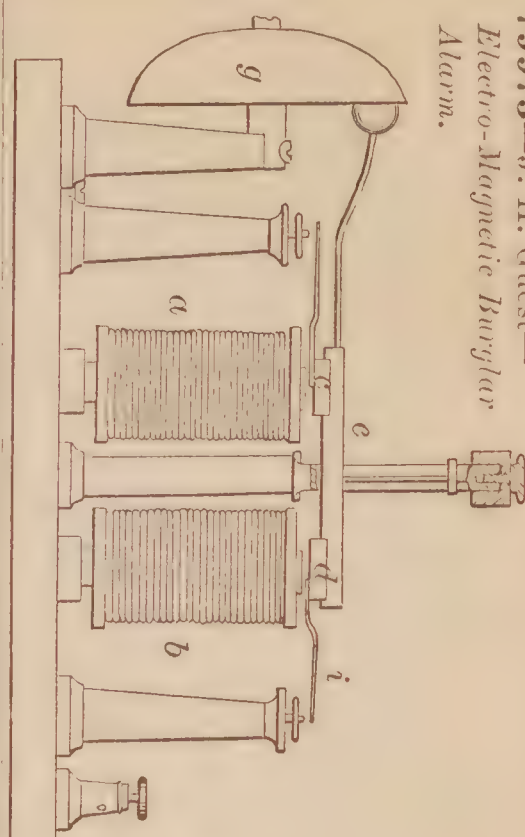
79972—J. H. Guest—Electro-Magnetic Temperature Alarm.



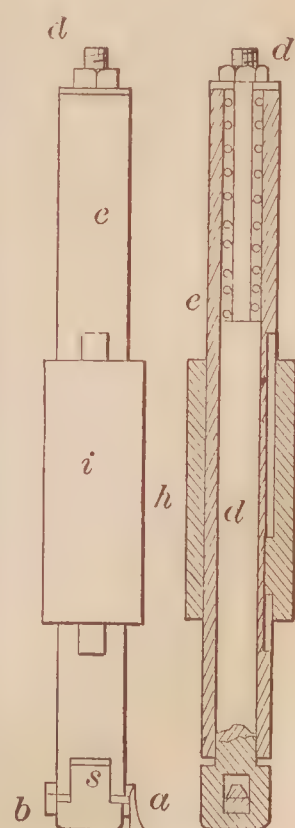
79975—C. E. Hendrick—Feather Renovator.



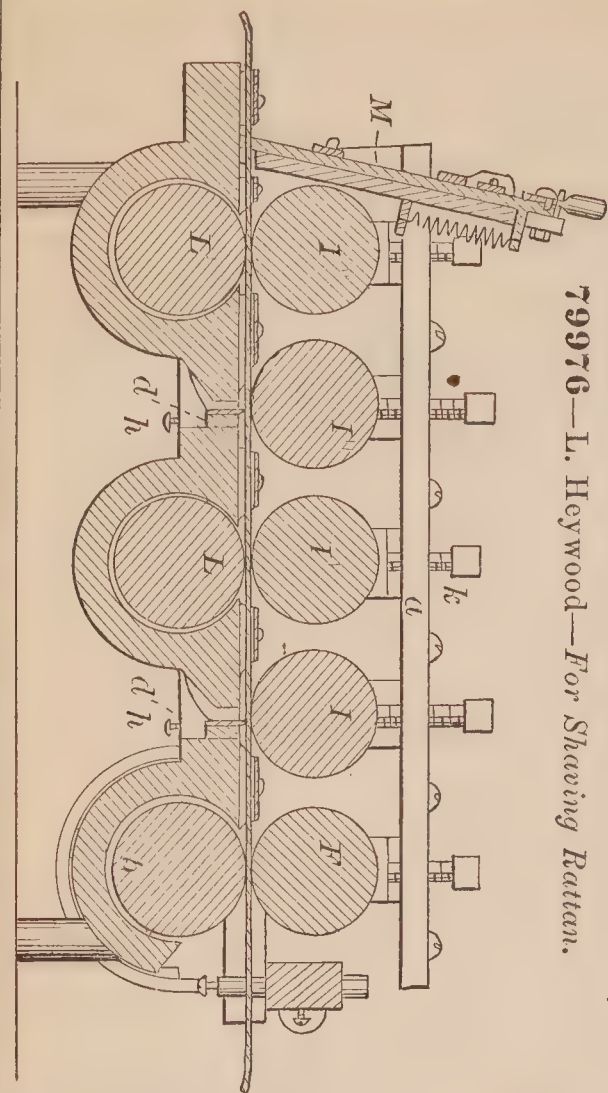
79973—J. H. Guest—  
Electro-Magnetic Burglar  
Alarm.



79974—J. W. Haskell—Tool Holder.

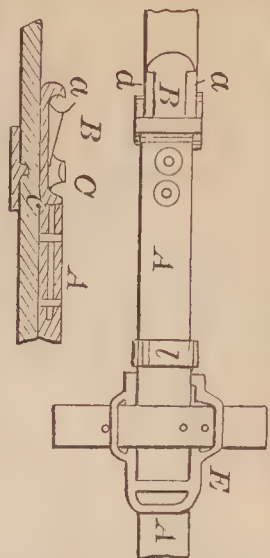
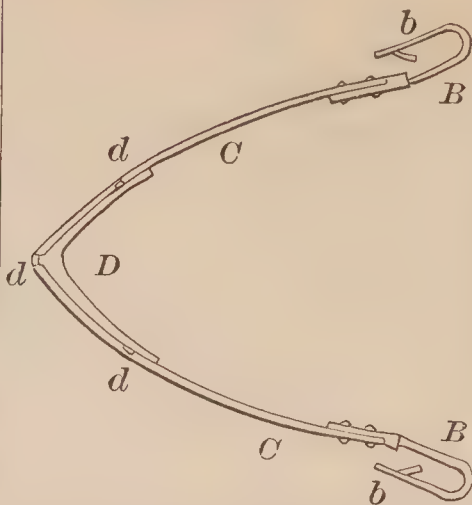






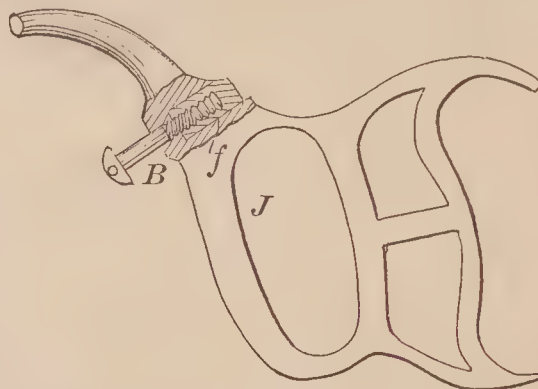
79976—L. Heywood—For Shaving Pattern.

79977—A. L. Hill—  
Breast Strap.

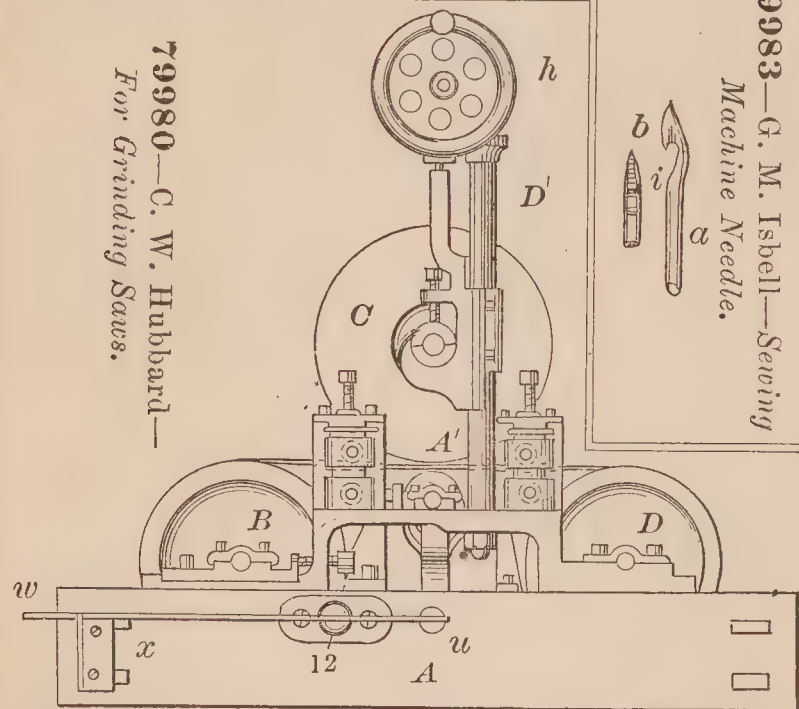


79978—H. Hise—Trace Buckle.

79979—C. W. Hubbard—Saw Handle.



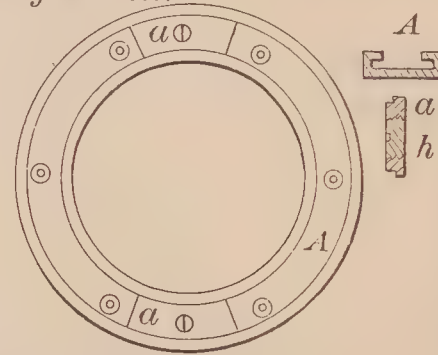
79980—C. W. Hubbard—  
For Grinding Saws.



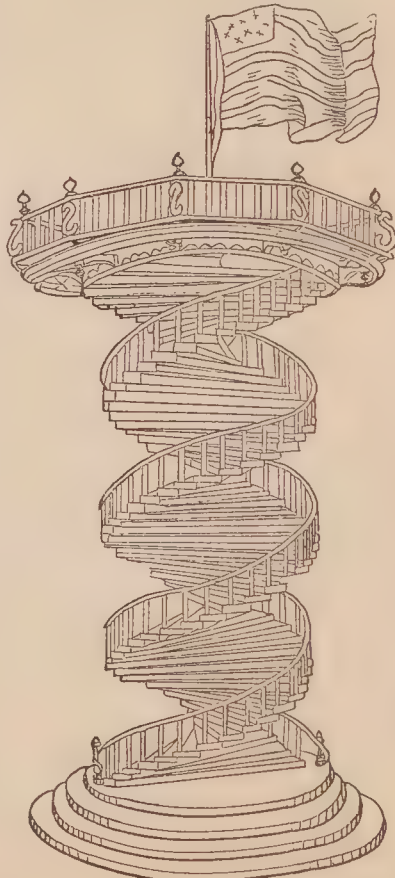
79983—G. M. Isbell—Sewing  
Machine Needle.



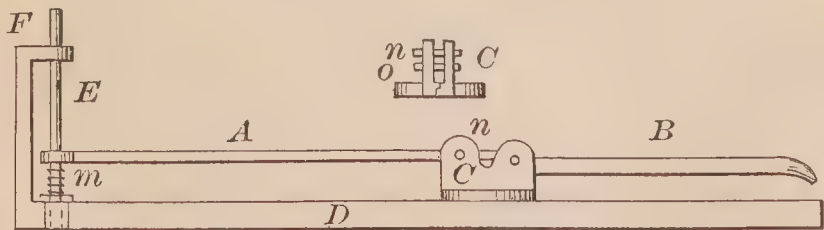
79984—H. K. Jones—For Balancing  
Polishing Wheels.



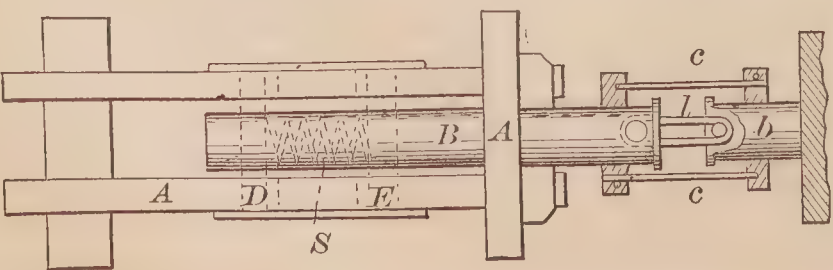
79985—W. J. Keim—  
Spiral Stair.



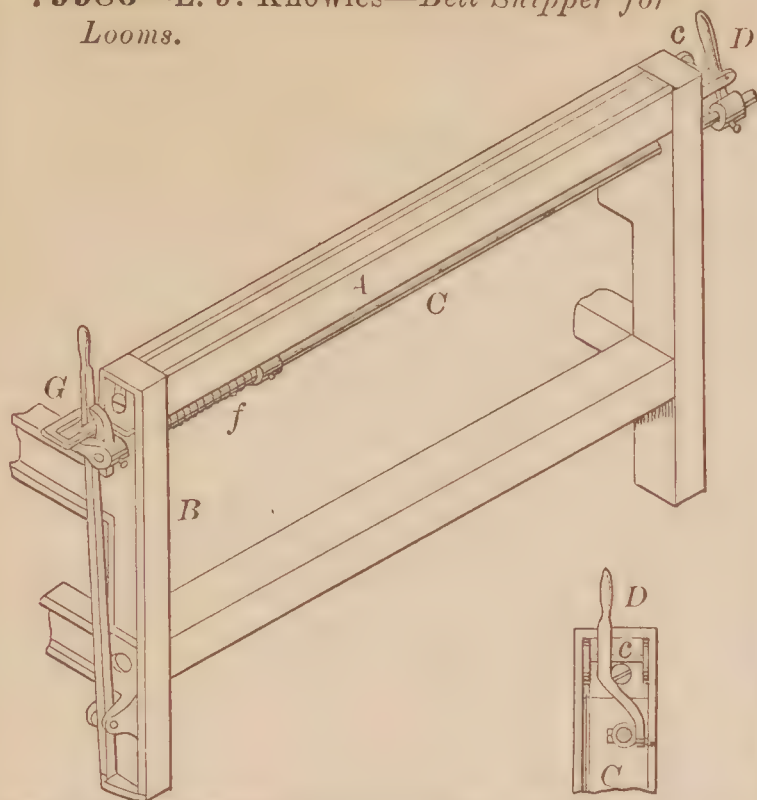
79981—S. Hubbell, Jr.—Money Drawer Catch.



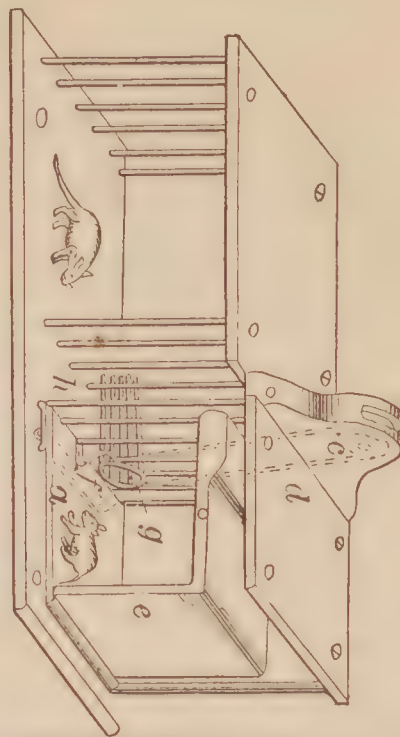
79982—F. A. Hull—Car Coupling.



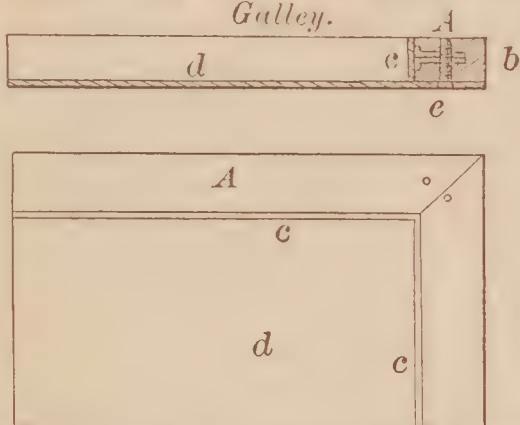
79986—L. J. Knowles—*Belt Shipper for Looms.*



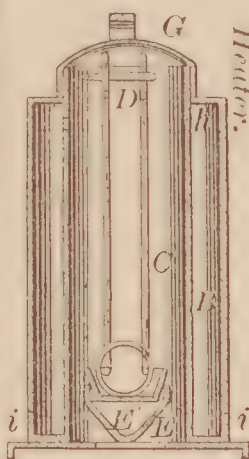
79987—A. T. Latta—*Animal Trap.*



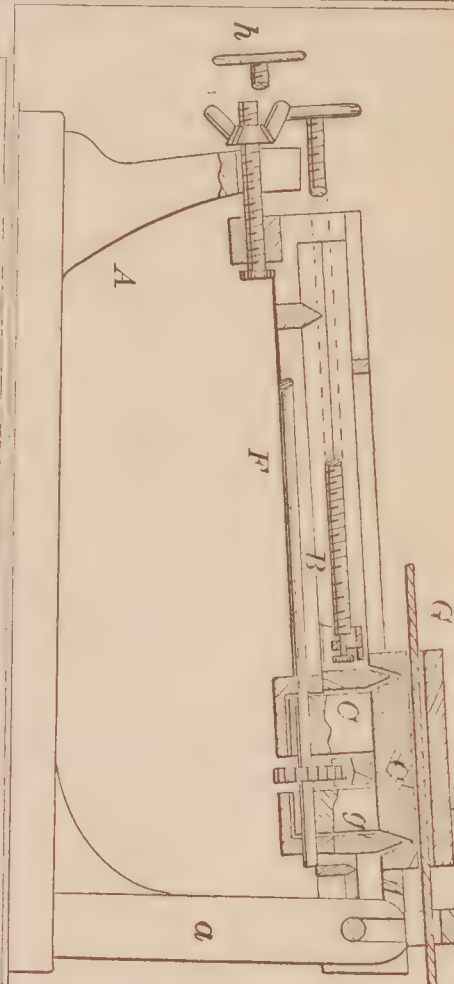
79988—C. H. Lawrence—*Printers' Galley.*



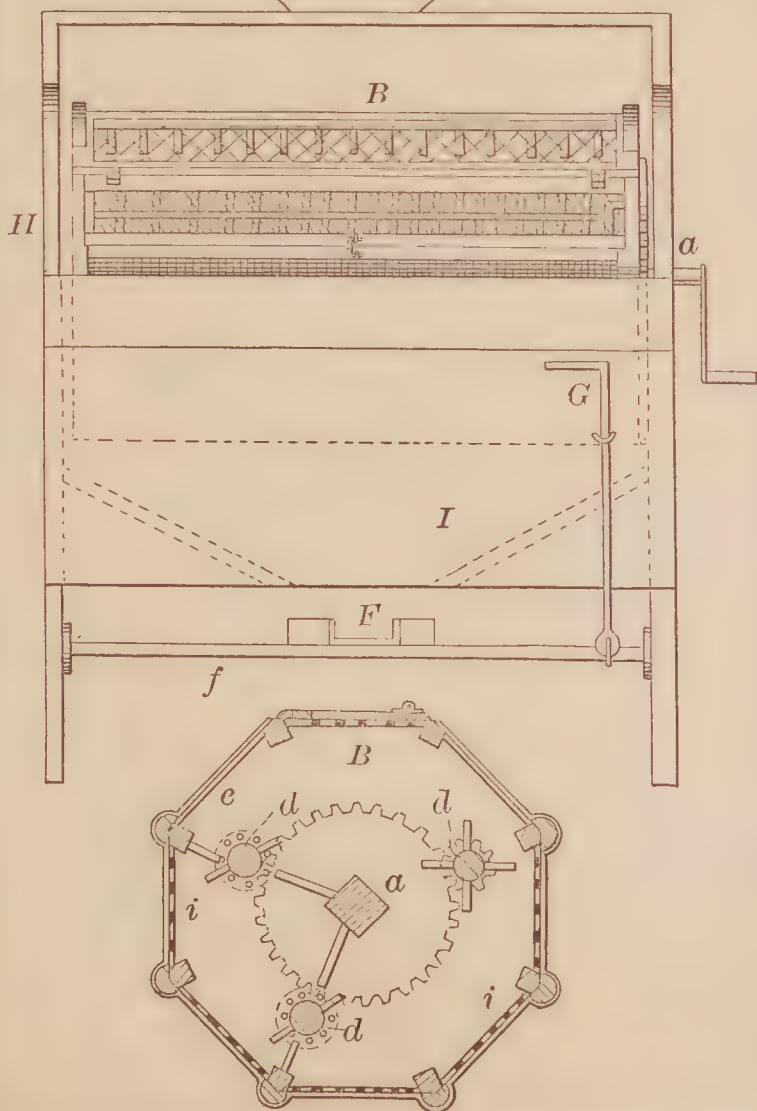
79989—H. Y. Lazear—*Gas Heater.*



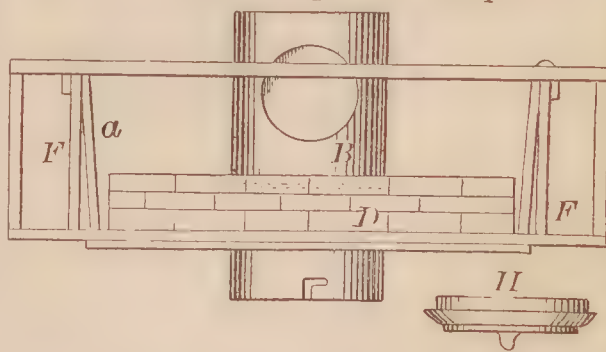
79990—P. Leonard—*For Dressing Grindstones, &c.*



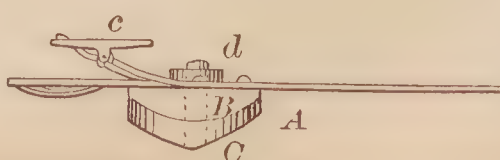
79993—E. Lucas—*Grain Separator.*



79992—J. C. Loup—*Store Pipe.*

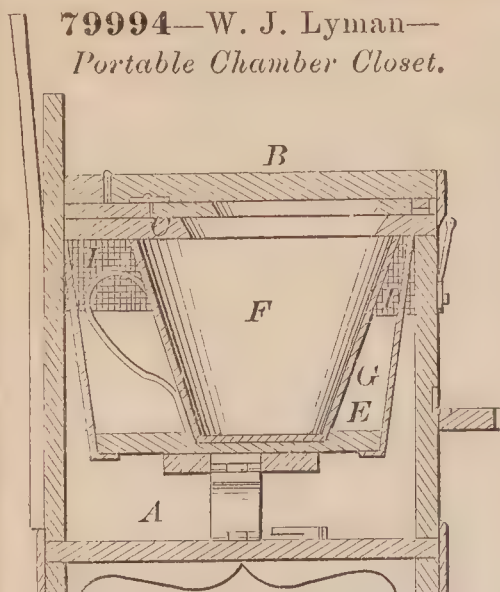


79991—T. J. Lindley—*Truss Pad.*

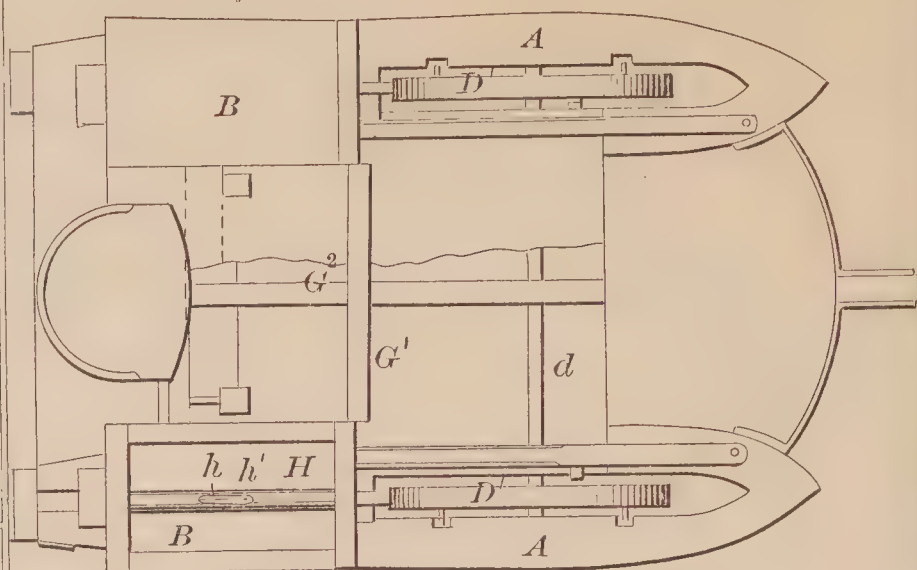




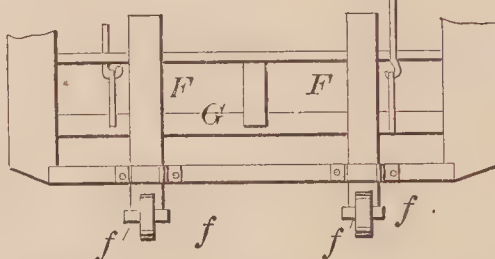
**79994**—W. J. Lyman—*Portable Chamber Closet.*



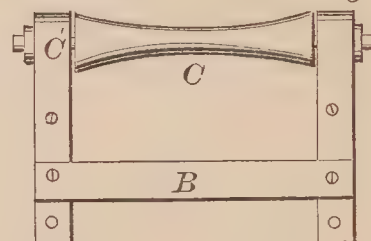
**79998**—W. McLucas—*Double Corn Planter.*



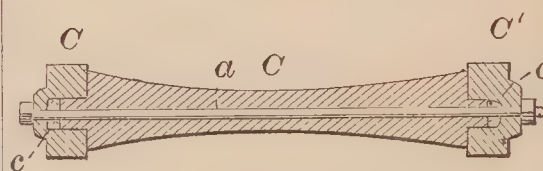
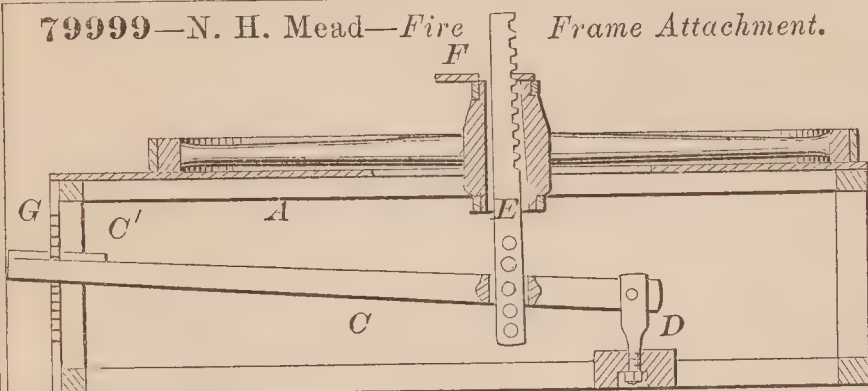
**79996**—J. W. Mayhew—*Shackle Bearer.*



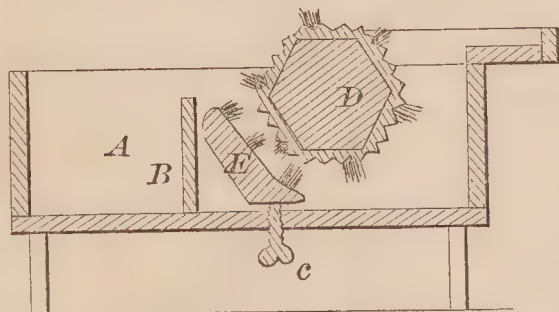
**79995**—J. M. Mayhew—*Chafing Roller for Wagons. C'*



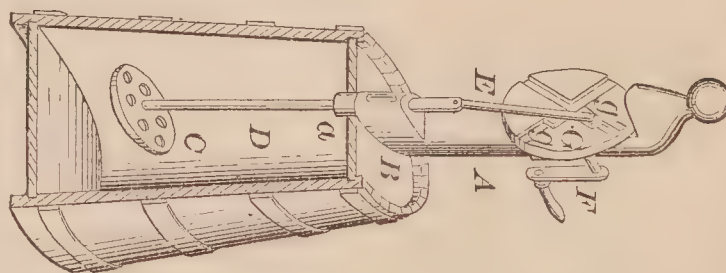
**79999**—N. H. Mead—*Fire Frame Attachment.*



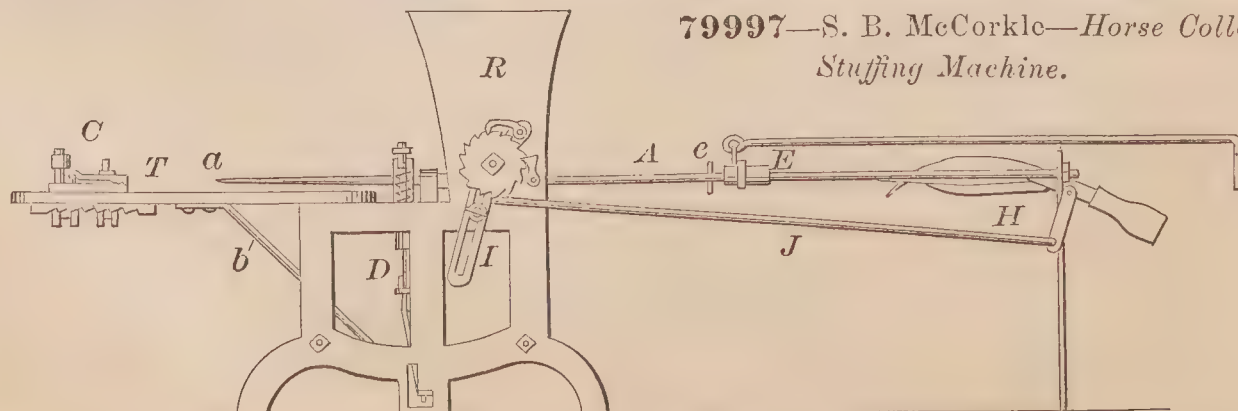
**80000**—C. Milner—*Washing Machine.*



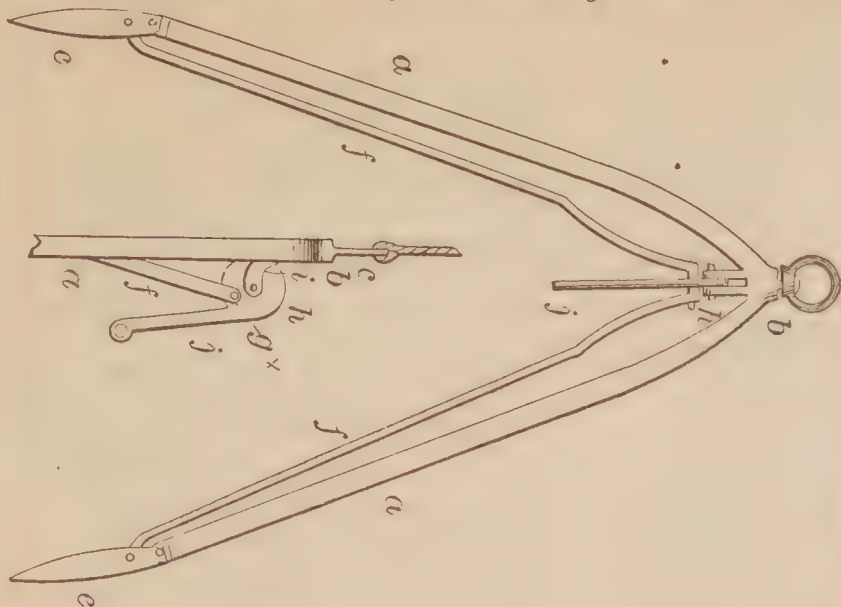
**80001**—D. Morris—*Churn Motion.*



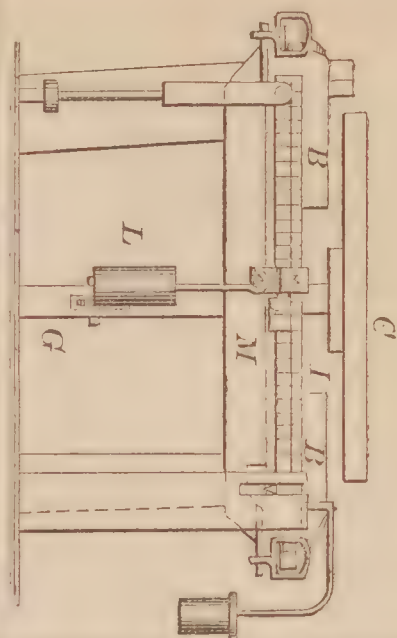
**79997**—S. B. McCorkle—*Horse Collar Stuffing Machine.*



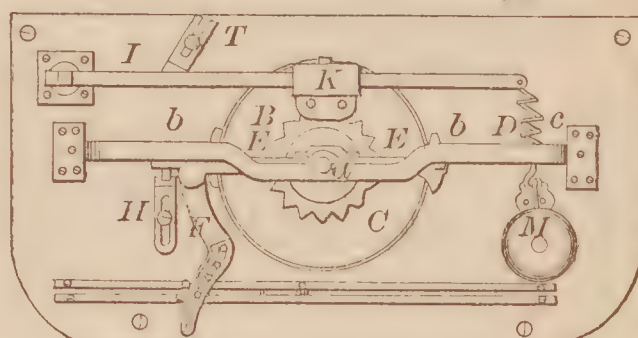
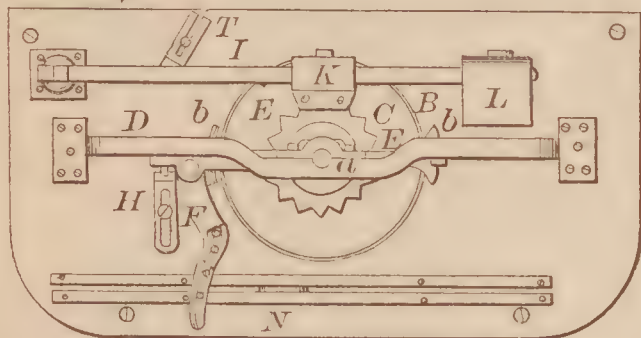
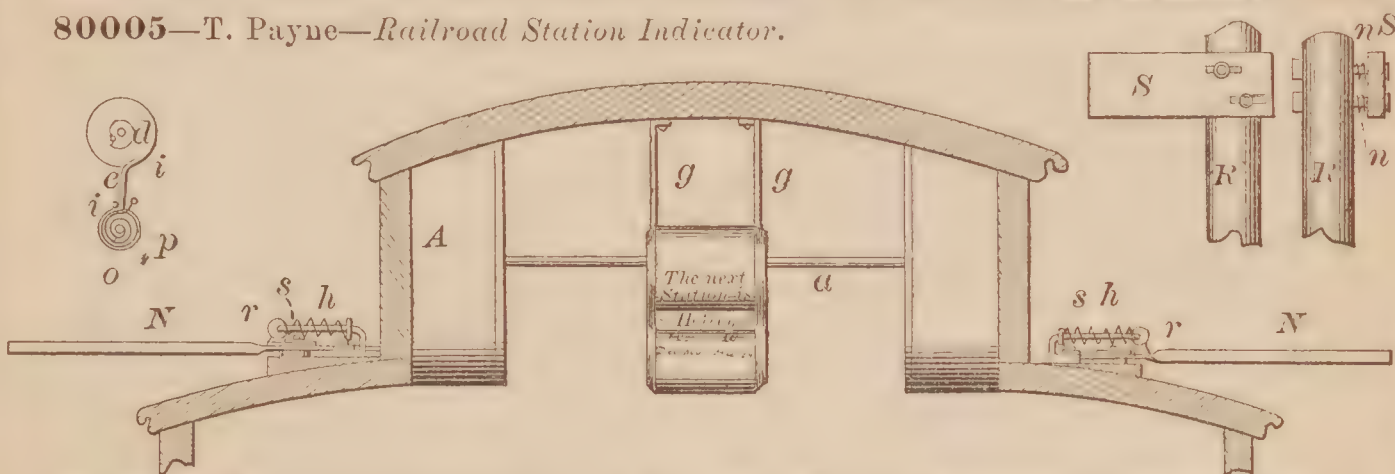
80002—C. E. Murray—Horse Hay Fork.



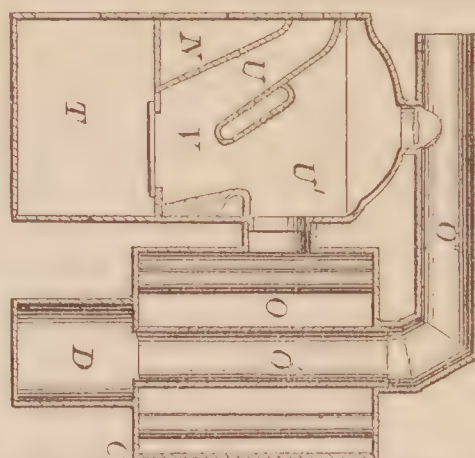
80003—B. W. Ogburn—Calculating Balance.



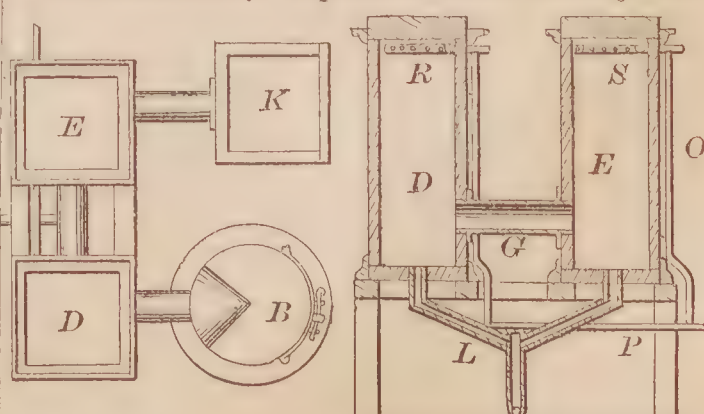
80005—T. Payne—Railroad Station Indicator.



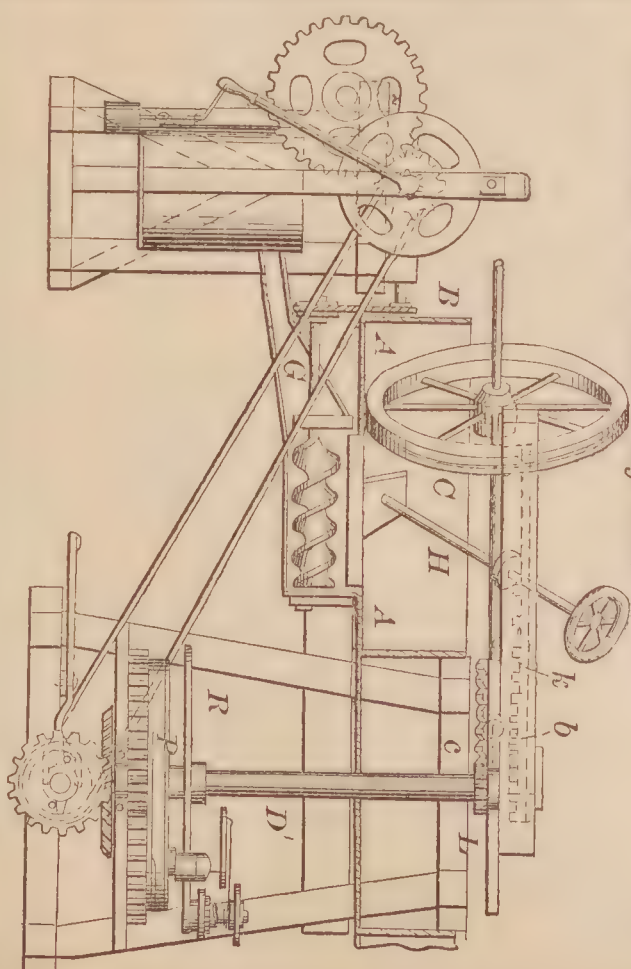
80007—S. Pierce—Store.



80006—C. C. & G. F. Peirson—For Condensation of Vapors in Lard Boiling, &c.

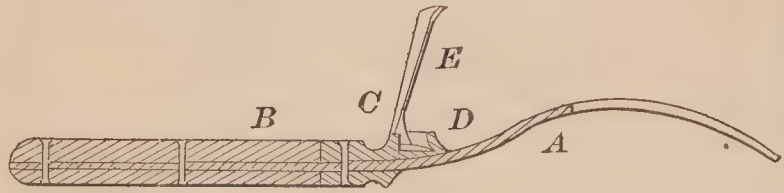


80008—N. F. Potter—Clay Mill.

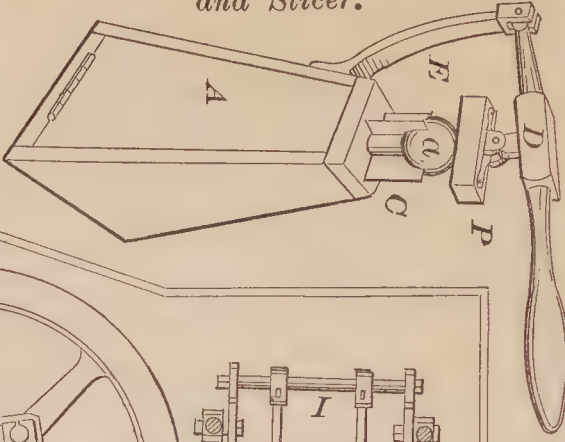




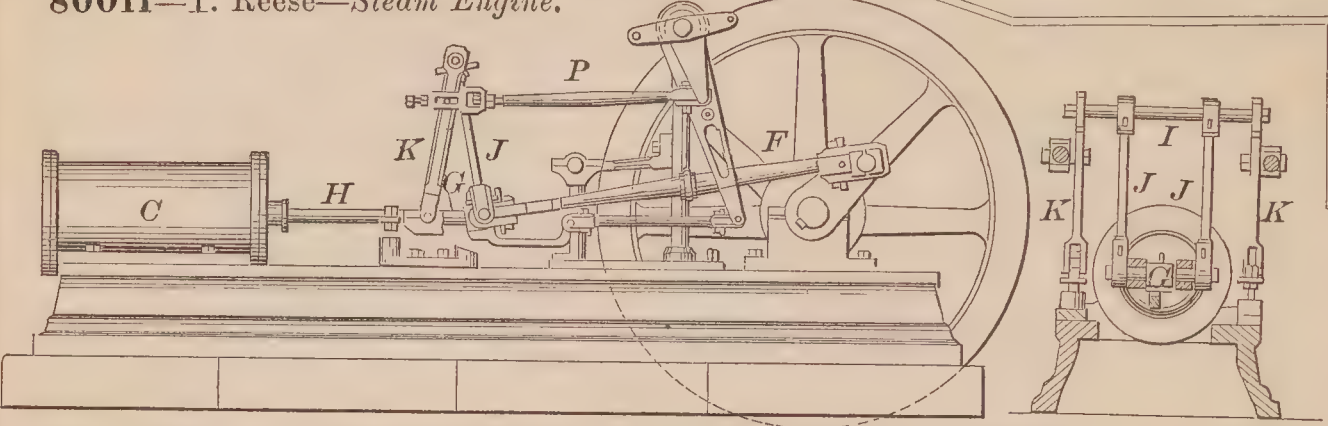
80009—L. A. Powers—*Table Fork.*



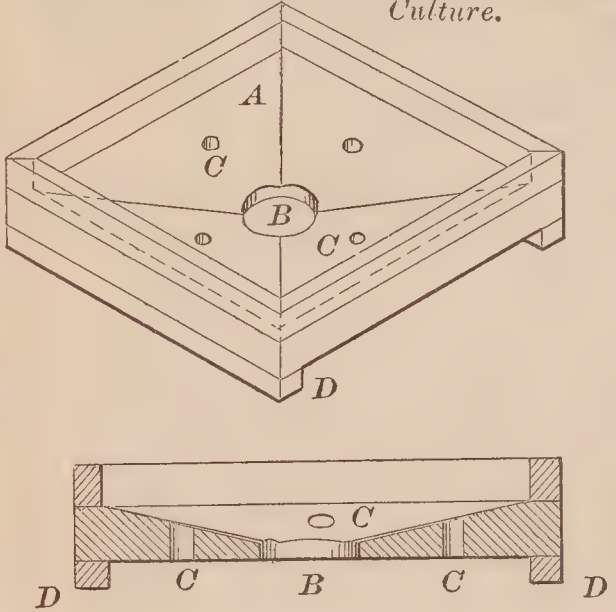
80010—D. R. Reed—*Apple Corer and Slicer.*



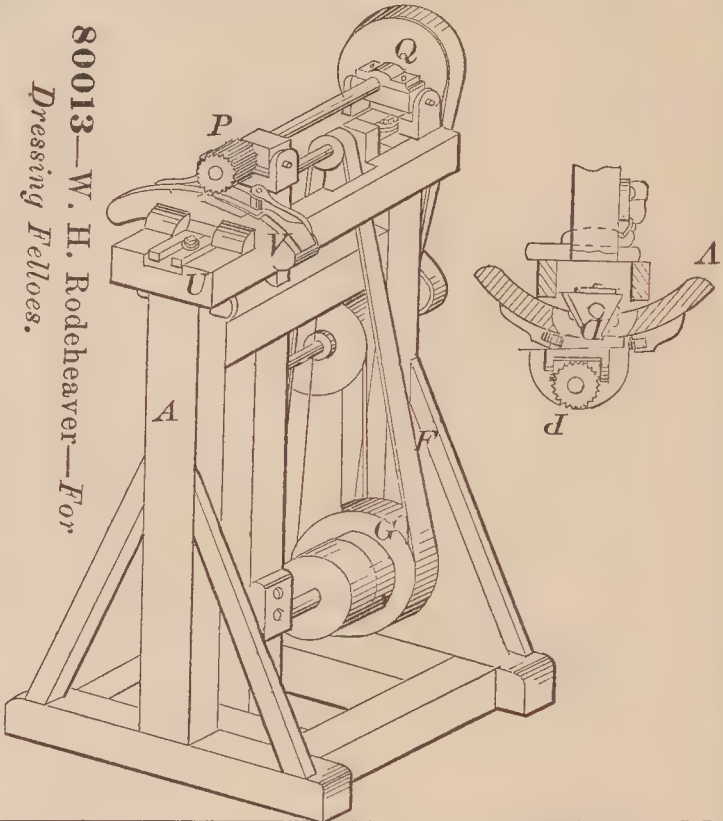
80011—T. Reese—*Steam Engine.*



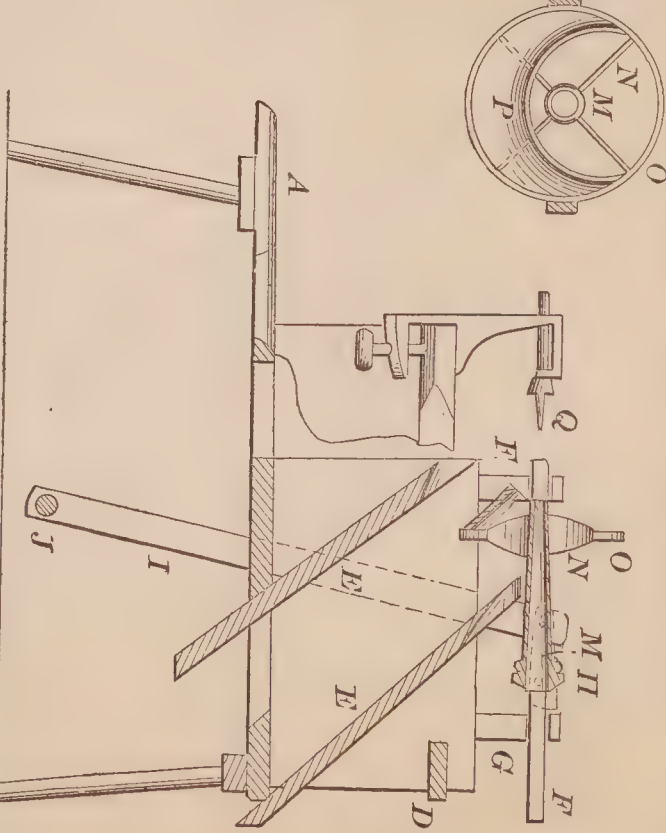
80012—H. S. Robbins—*For Strawberry Culture.*



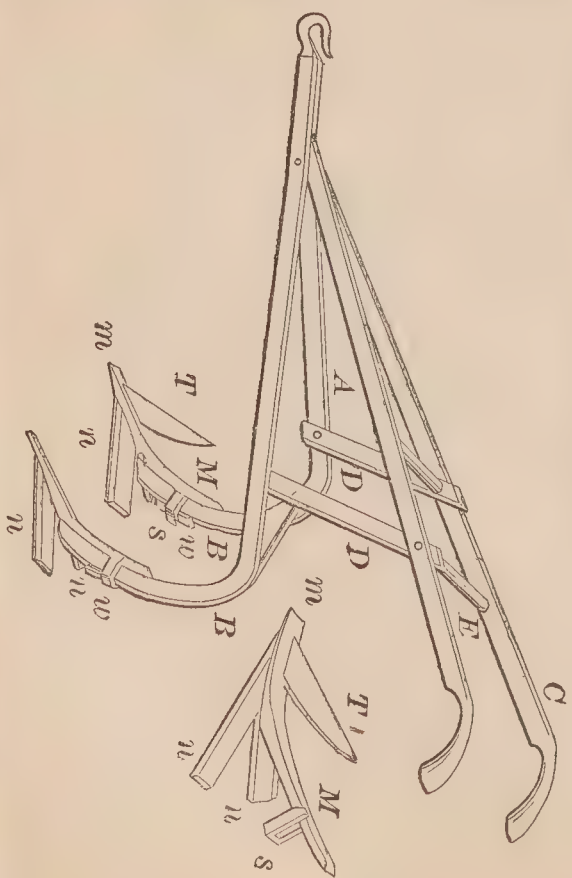
80013—W. H. Rodeheaver—*For Dressing Fellos.*



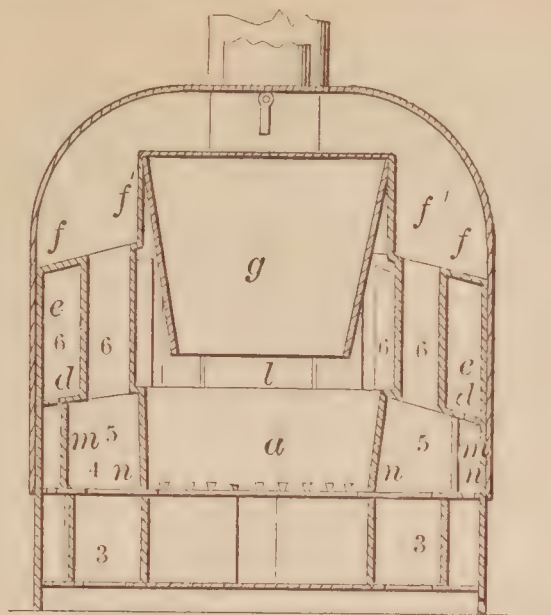
80014—I. Rogers—*Apple Corer and Slicer.*



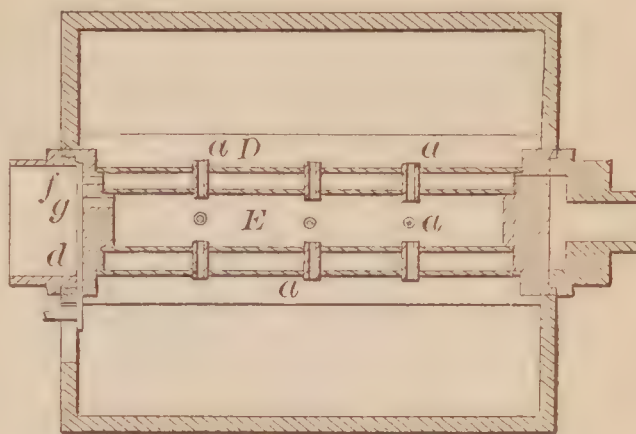
80015—A. P. Routt—*Cultivator.*



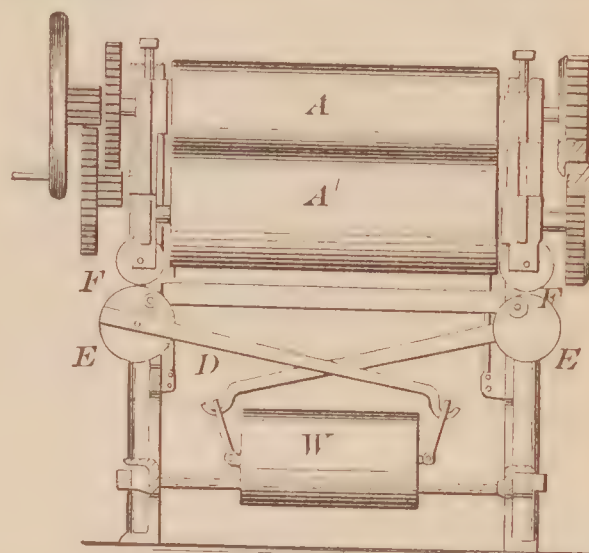
80016—A. K. Sanders—*Store.*



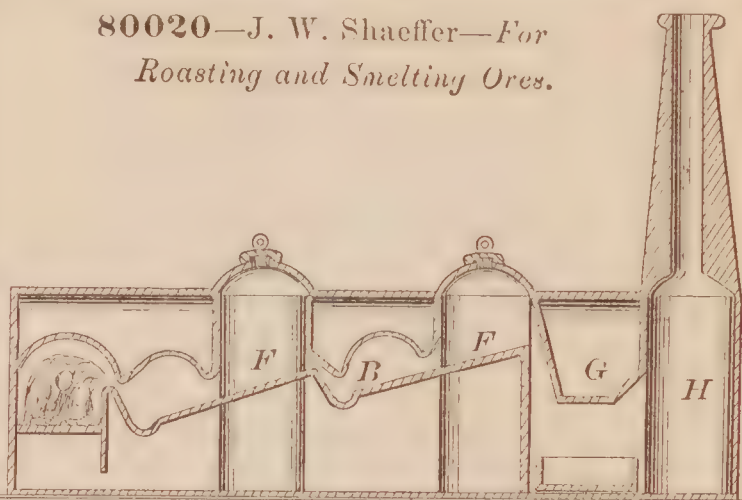
80017—A. C. Sanford—*Renovating Feathers.*



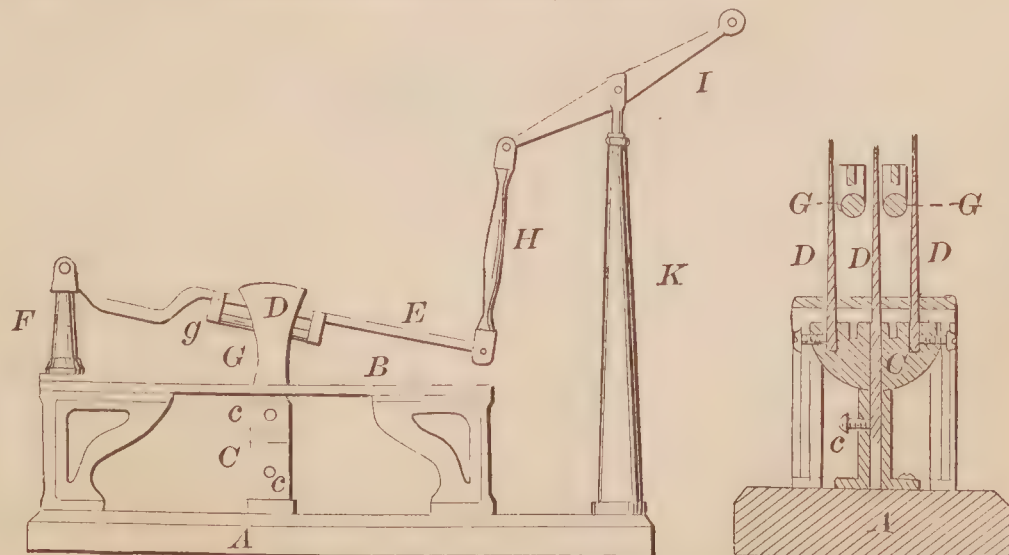
80019—J. Seaman—*Ironing Machine.*



80020—J. W. Shaeffer—*For Roasting and Smelting Ores.*

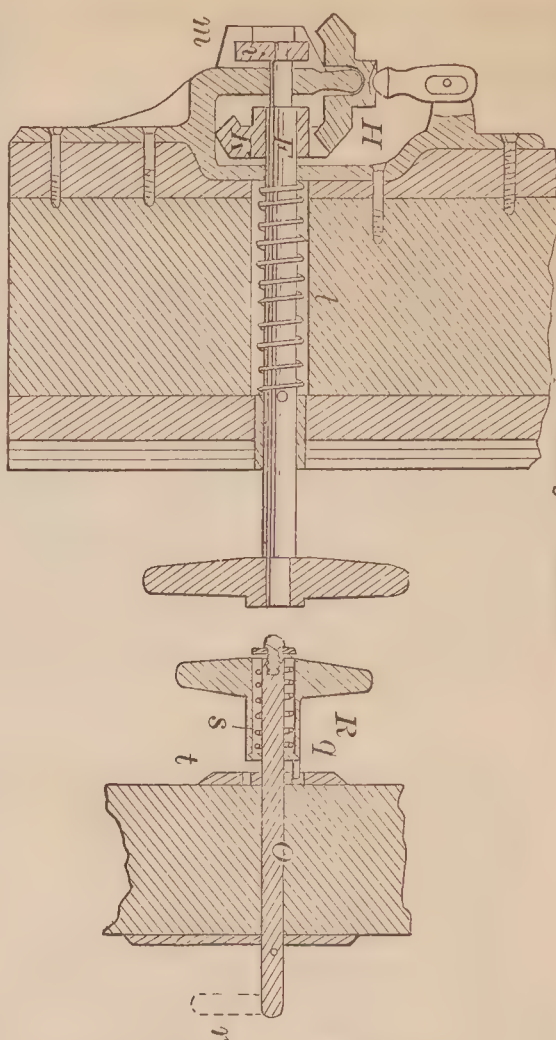


80018—C. Schmitz—*For Stretching and Softening Skins.*

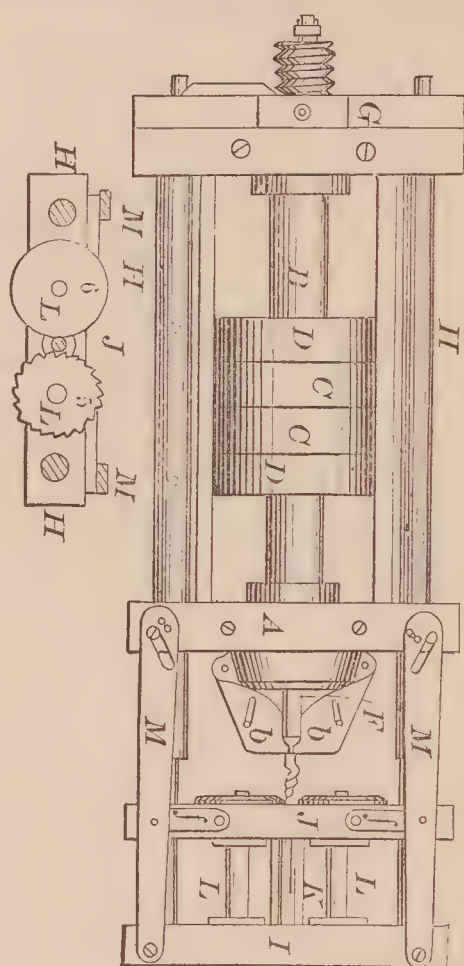




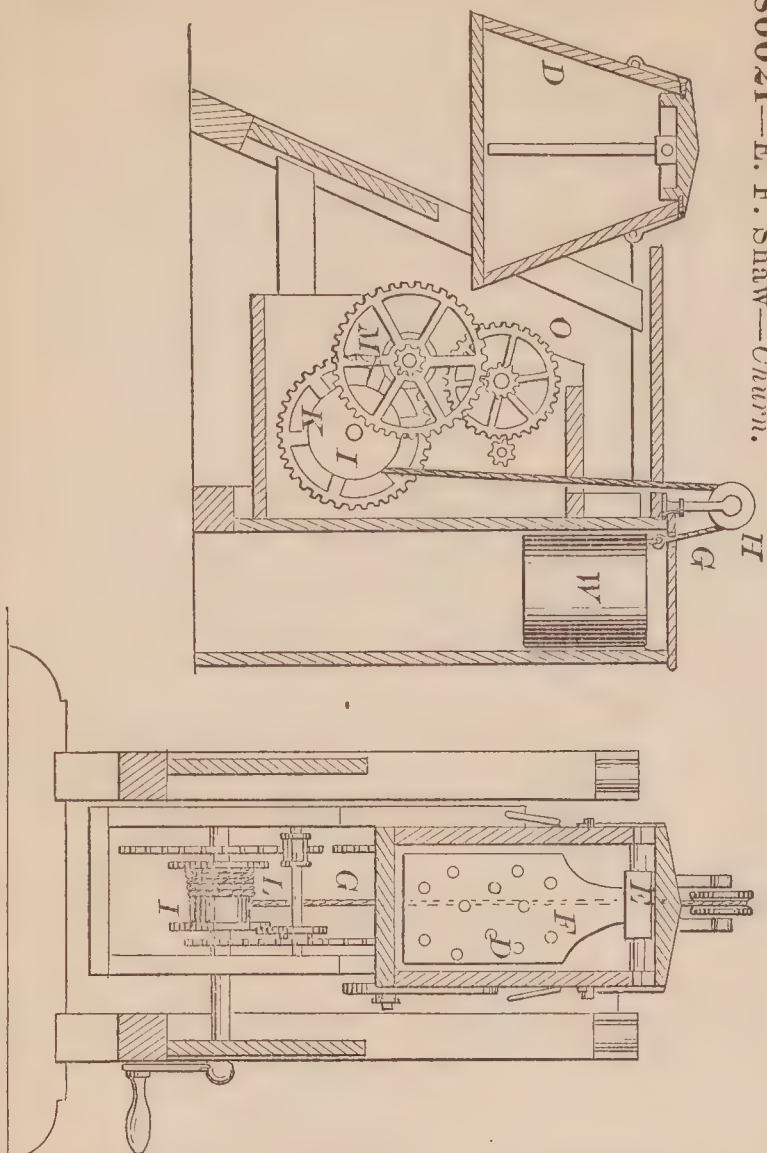
80023—T. J. Sloan—Operating Shutters.



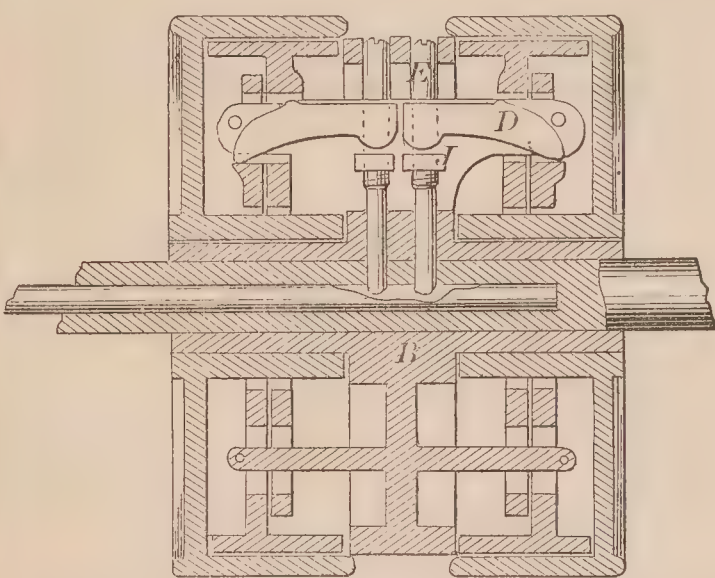
80022—G. V. Sheffield—Manufacturing Screws.



80021—E. F. Shaw—Churn.



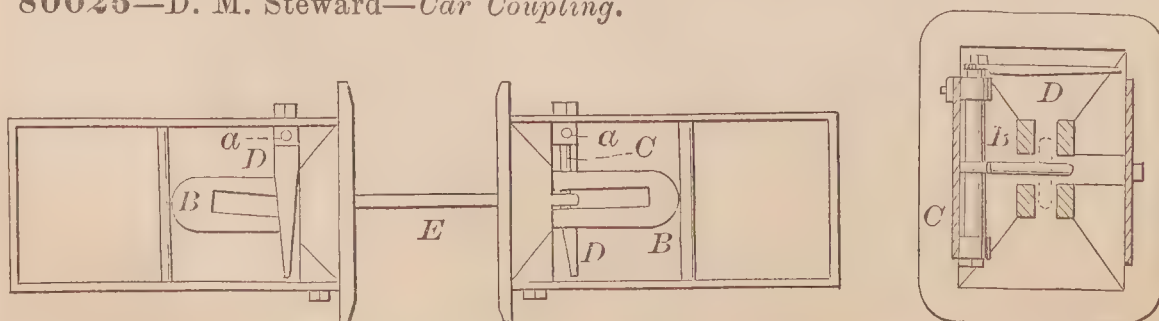
80024—H. K. Smith—Friction Clutch Pulley.



80027—J. Swan—Auger Bit.

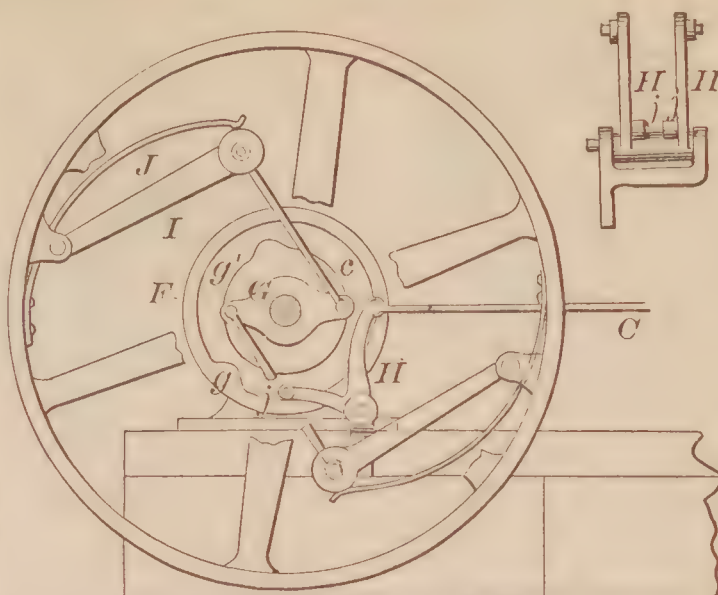
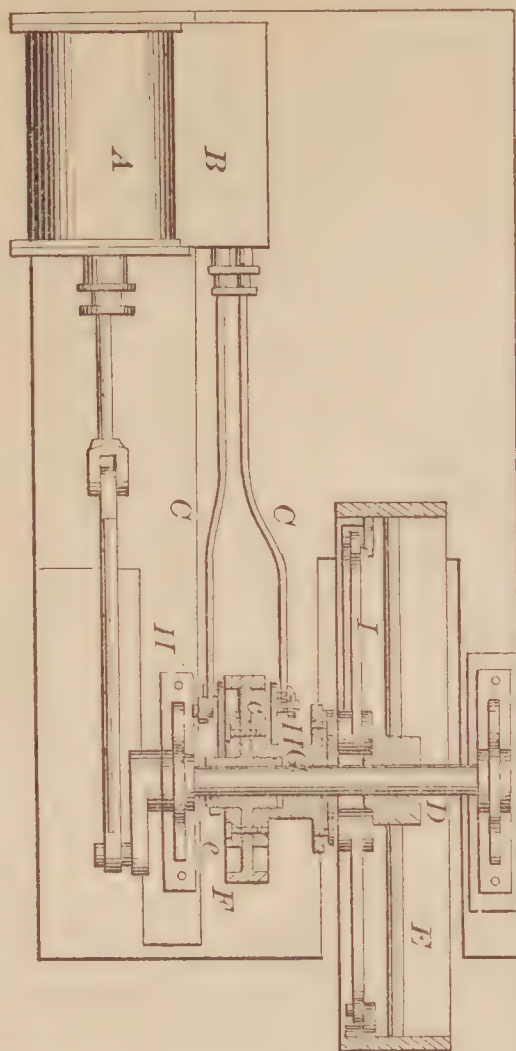


80026—D. M. Steward—Car Coupling.

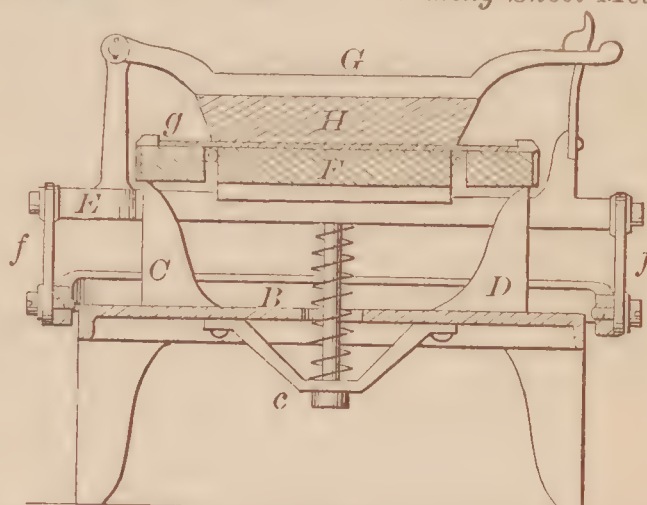




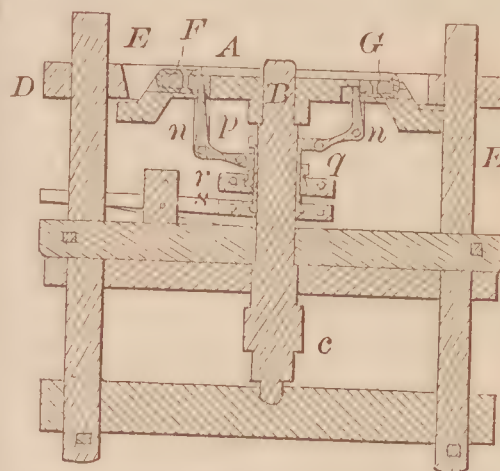
80025—S. Stanton—Cut-off Valve Gear.



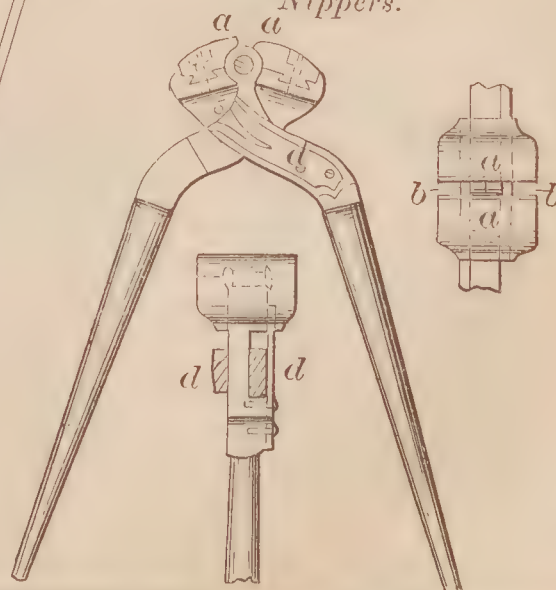
80028—W. H. Teal—For Forming Sheet Metal Pans.



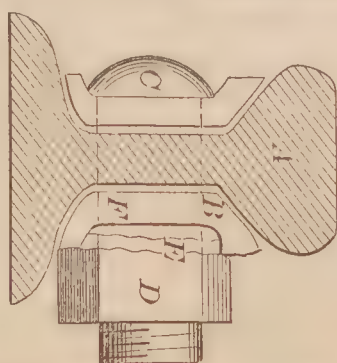
80032—C. Titus—Dressing Barrels.



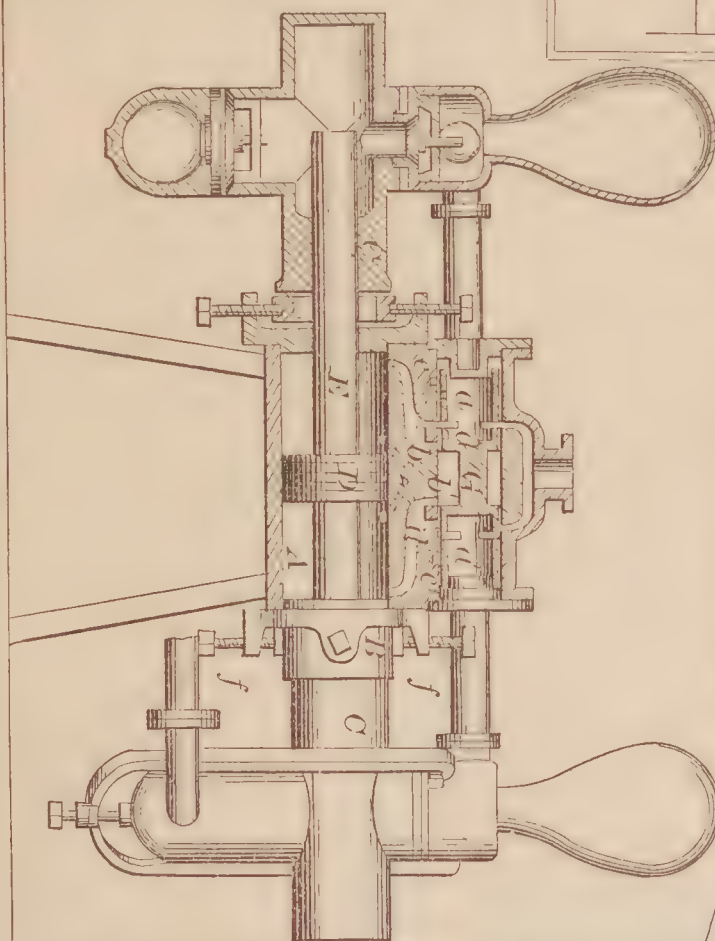
80031—N. Thompson—Cutting Nippers.



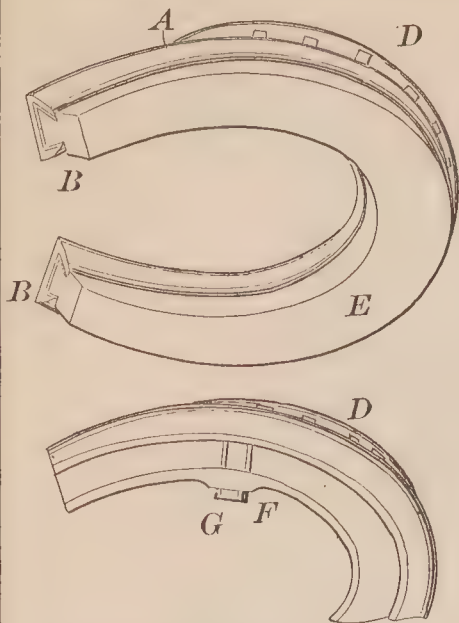
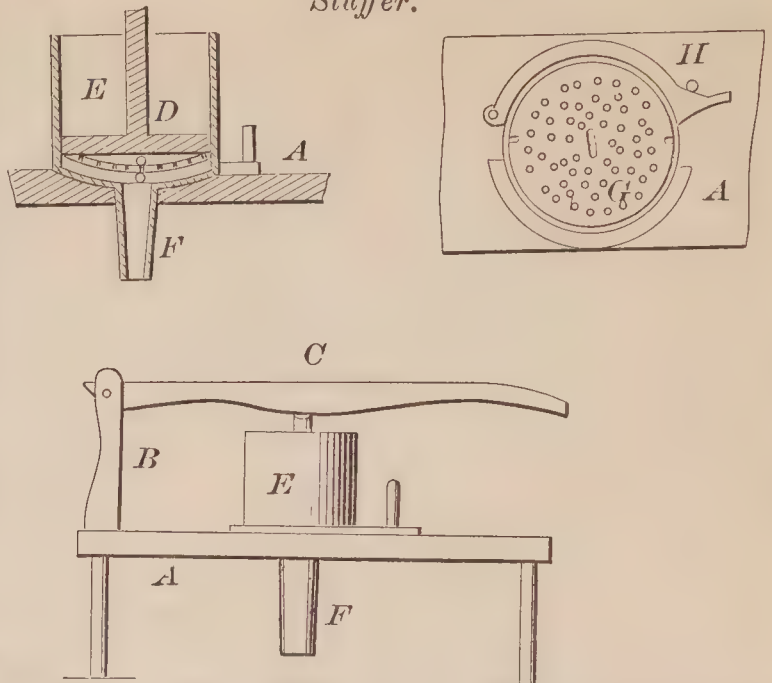
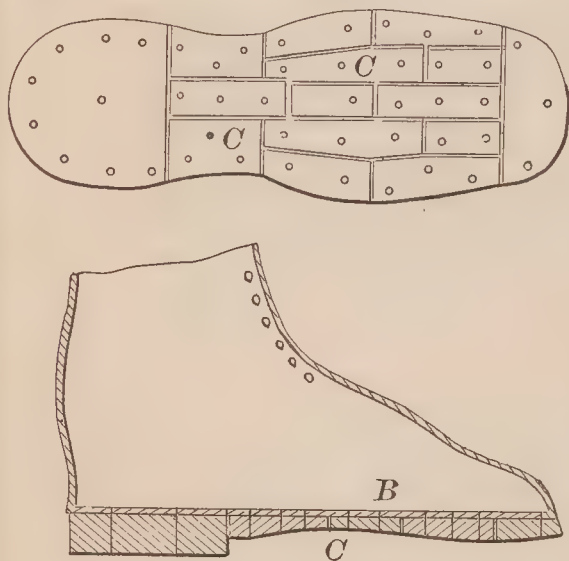
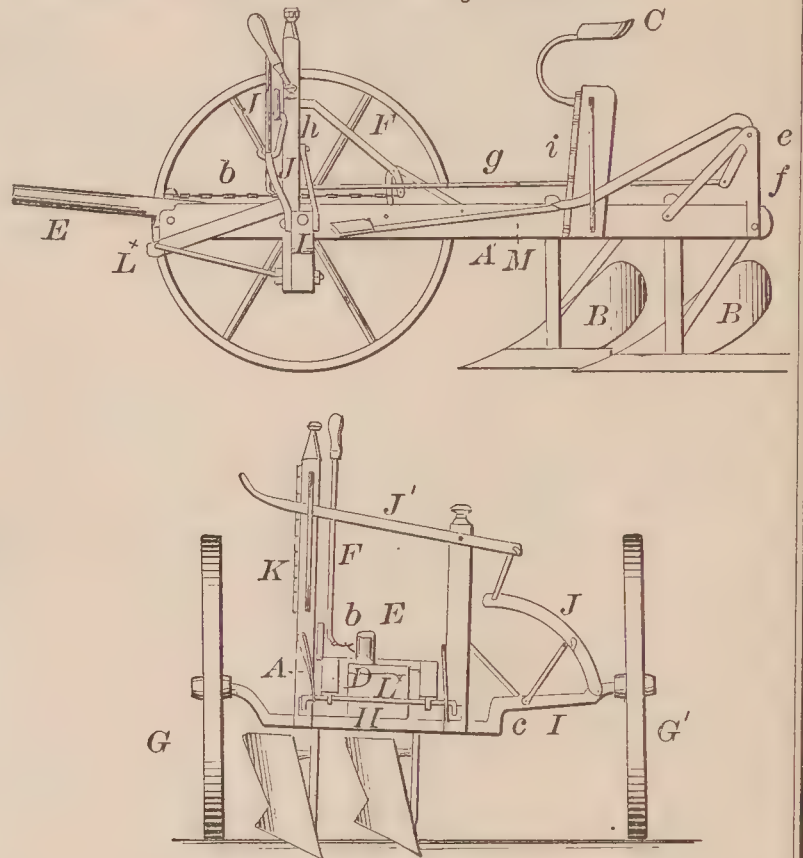
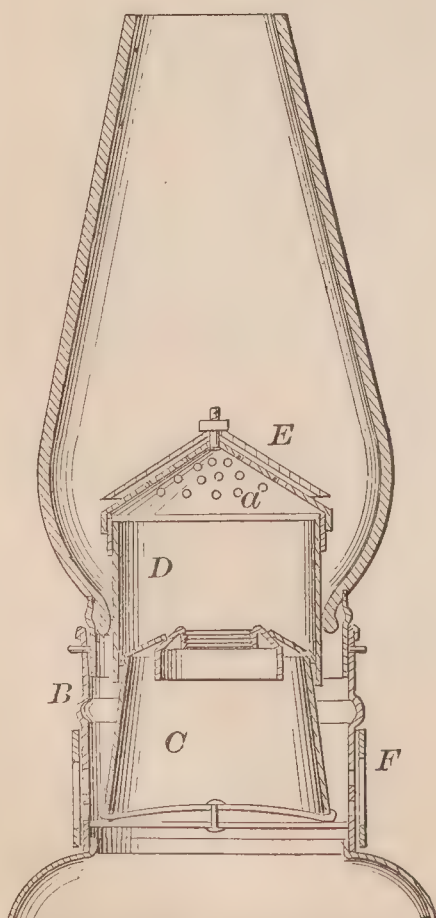
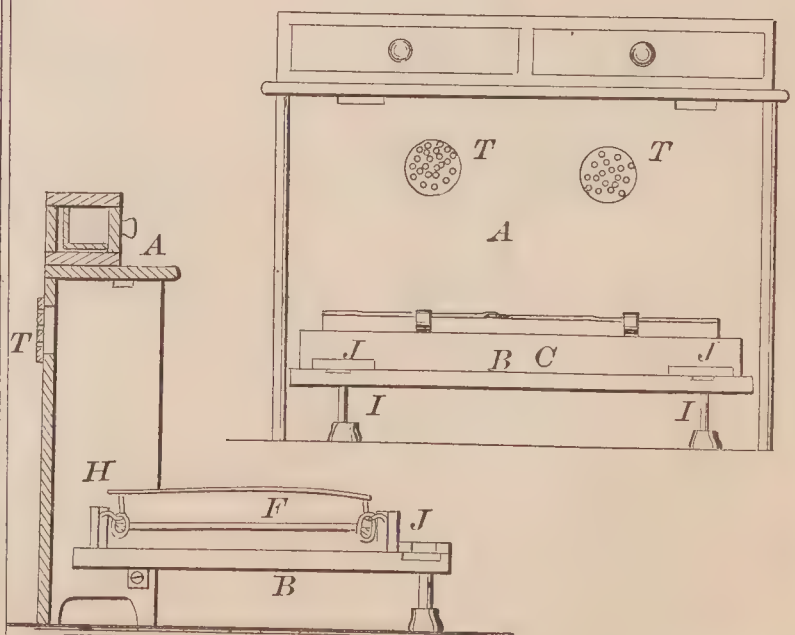
80034—A. N. Towne—Lock Nut.



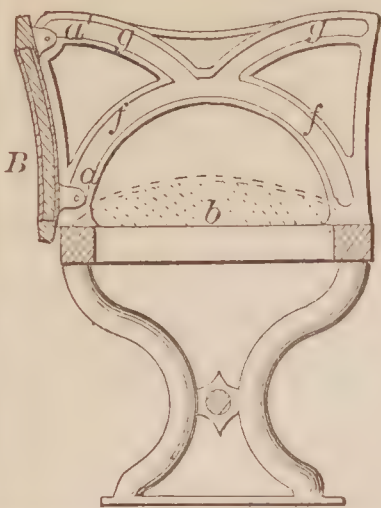
80030—W. R. Thomas—Steam Pump.



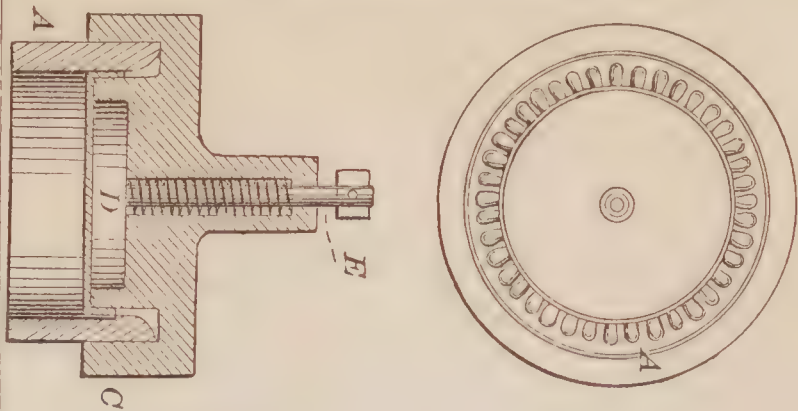


80033—J. S. Toan—*Horse Shoe.*80035—A. J. Truxell—*Lard Press and Sausage Stuffer.*80037—B. Van Ausdall—*Boot Sole.*80039—G. Wharton—*Gang Plow.*80040—A. Whelden—*Lantern.*80038—A. J. Vawter—*Office Bed.*

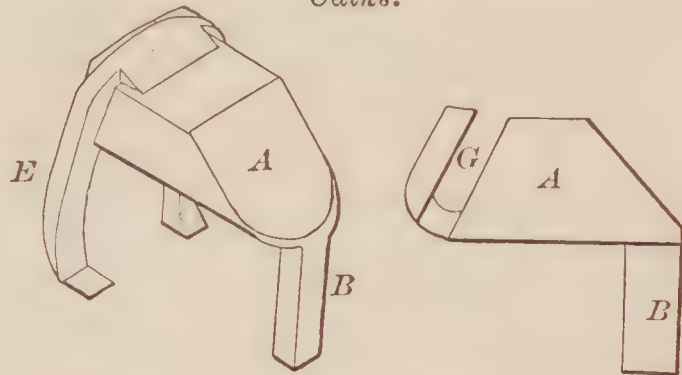
80041—A. M. White—*Railway Car Seat.*



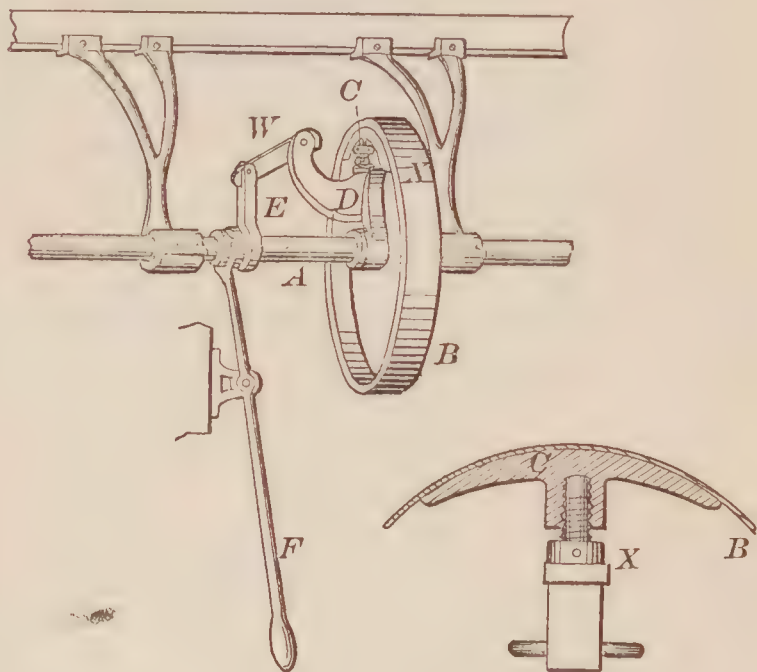
80042—H. G. Williams—*Die and Plunger.*



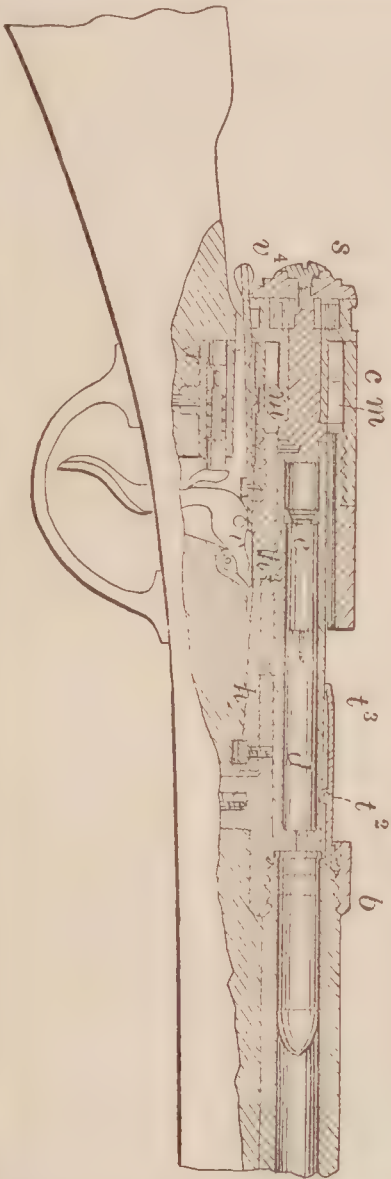
80044—P. Wineyard—*For Sharpening Horse Shoe Calks.*



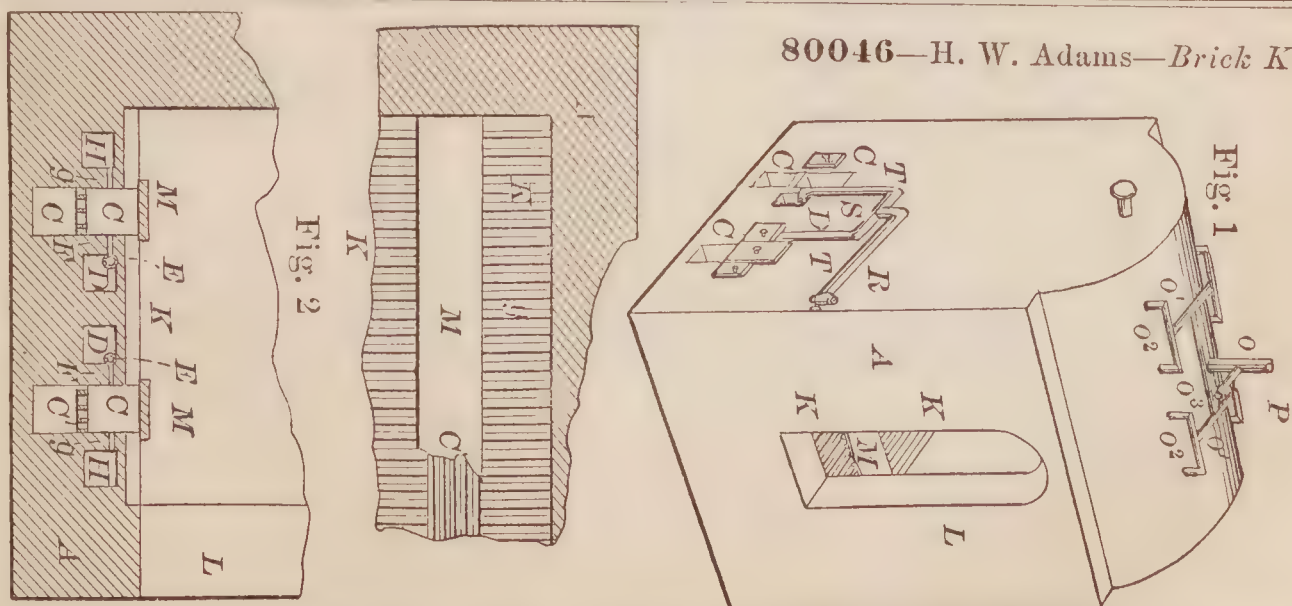
80045—C. Wright—*Friction Clutch Pulley.*



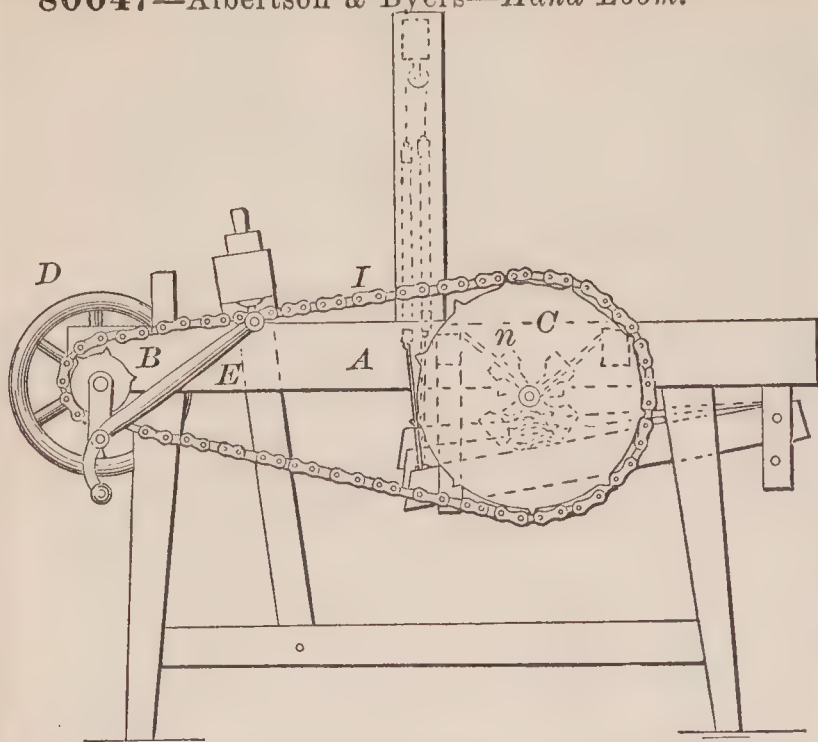
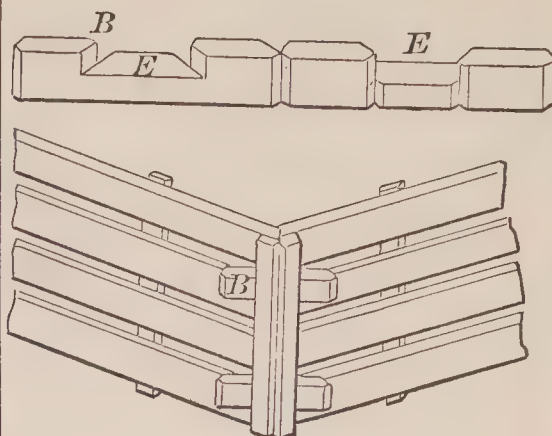
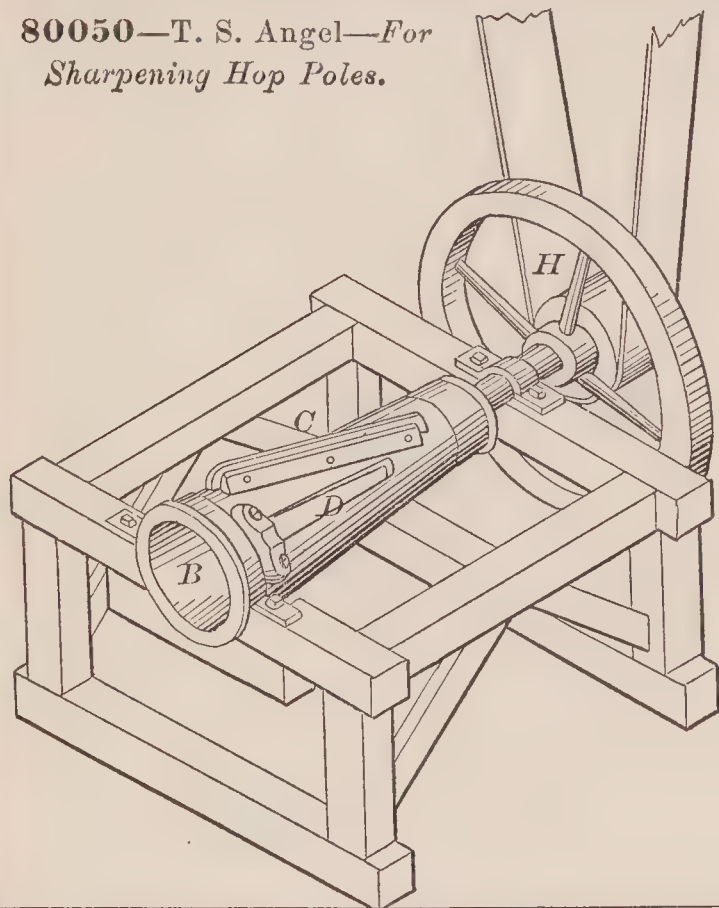
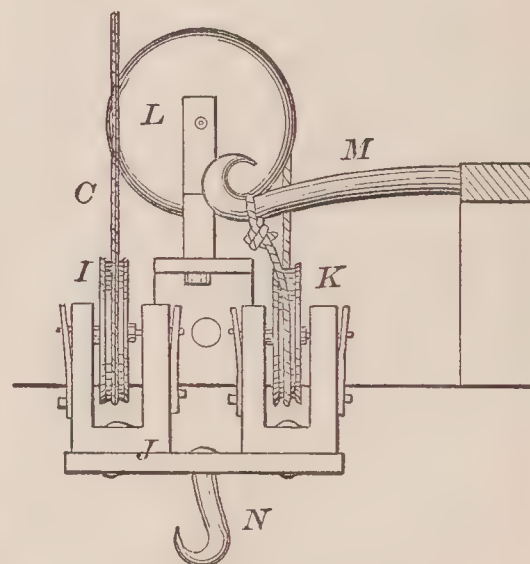
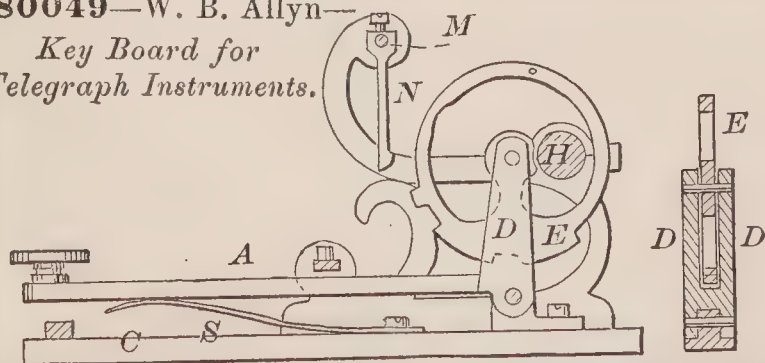
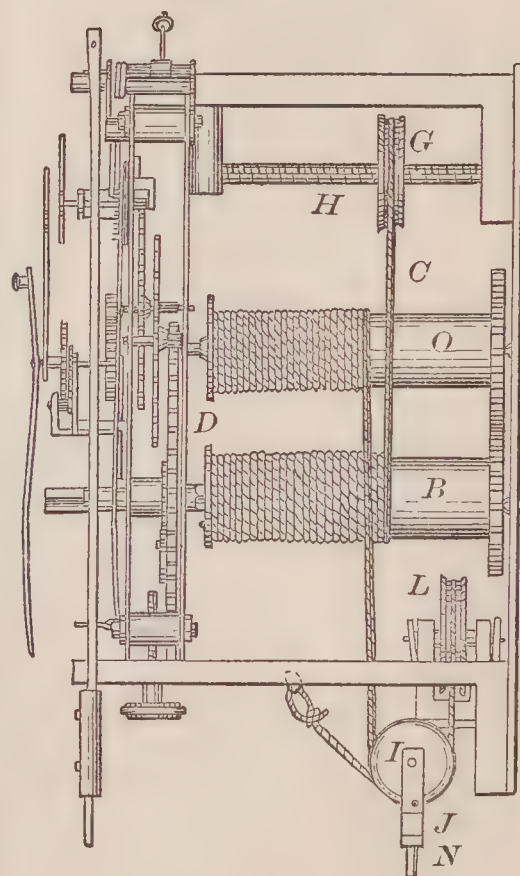
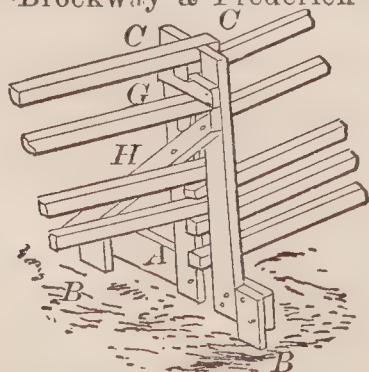
80043—T. Wilson—*Breech-Loading Fire Arm.*



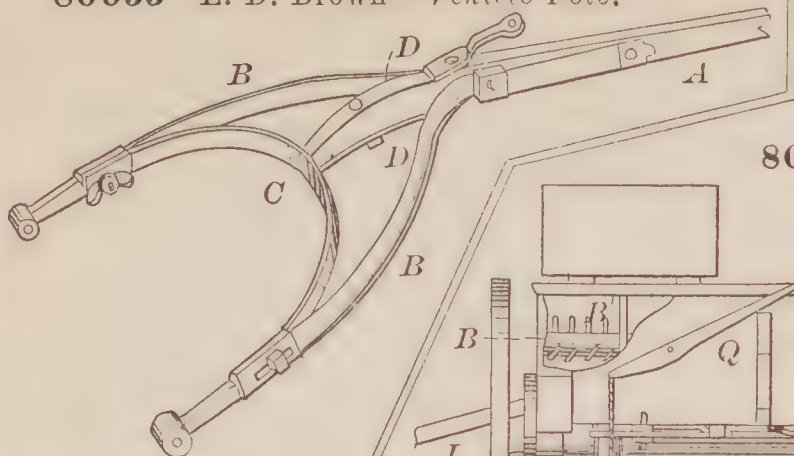
80046—H. W. Adams—*Brick Kiln.*



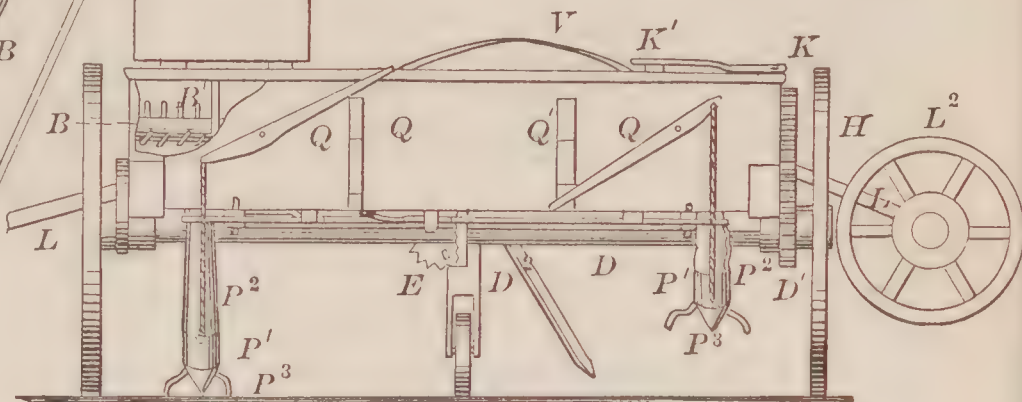


80047—Albertson & Byers—*Hand Loom.*80052—B. F. Brattain—*Fence.*80050—T. S. Angel—*For Sharpening Hop Poles.*80051—P. Bantel—*Chronometer.*80049—W. B. Allyn—*Key Board for Telegraph Instruments.*80054—Brockway & Frederick—*Fence.*

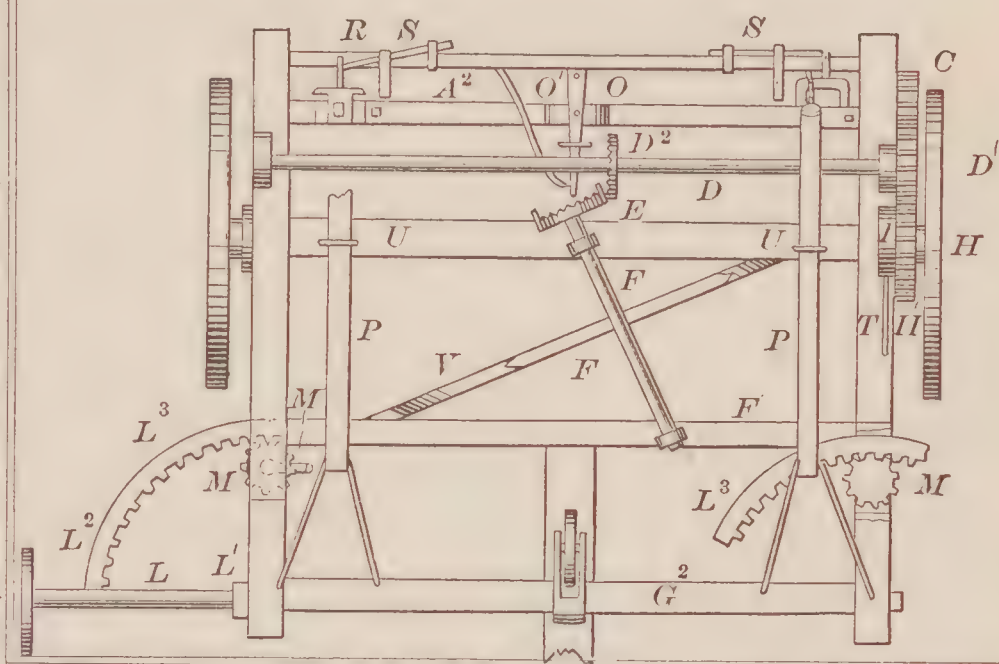
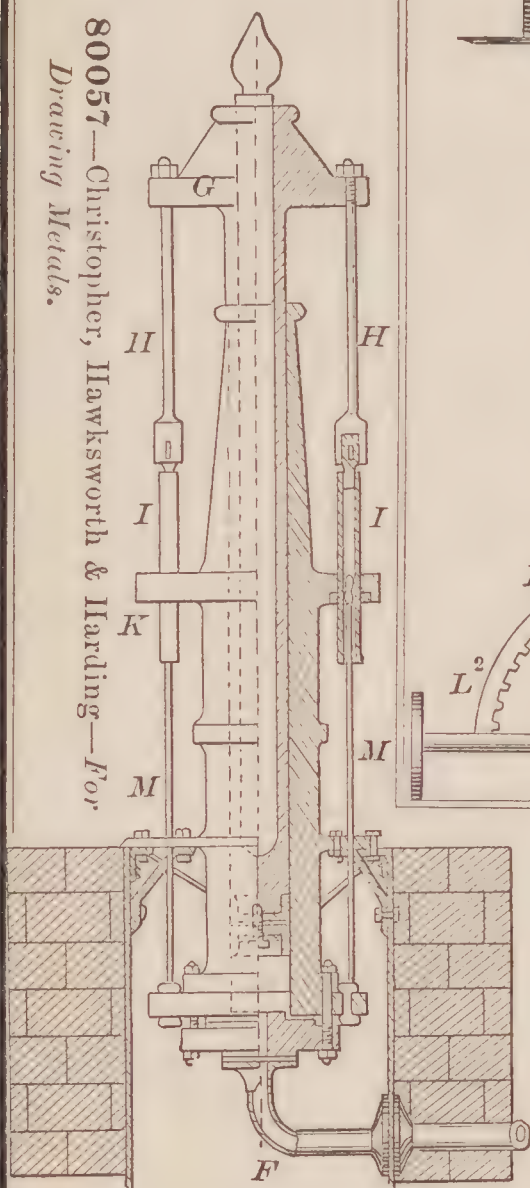
80055—E. D. Brown—Vehicle Pole.



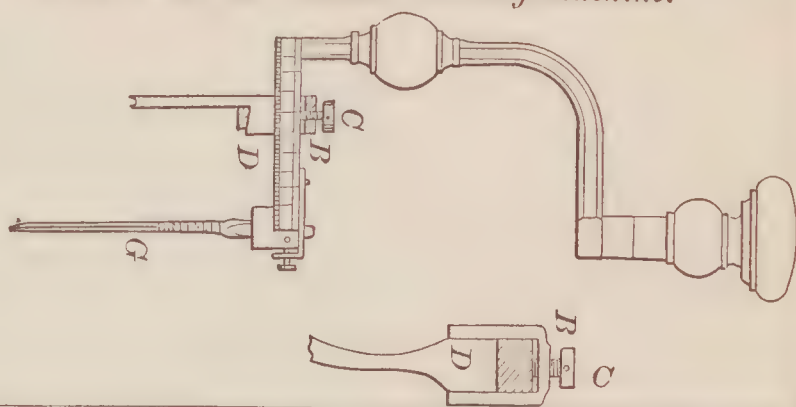
80058—Z. T. Clagett—Corn Planter.



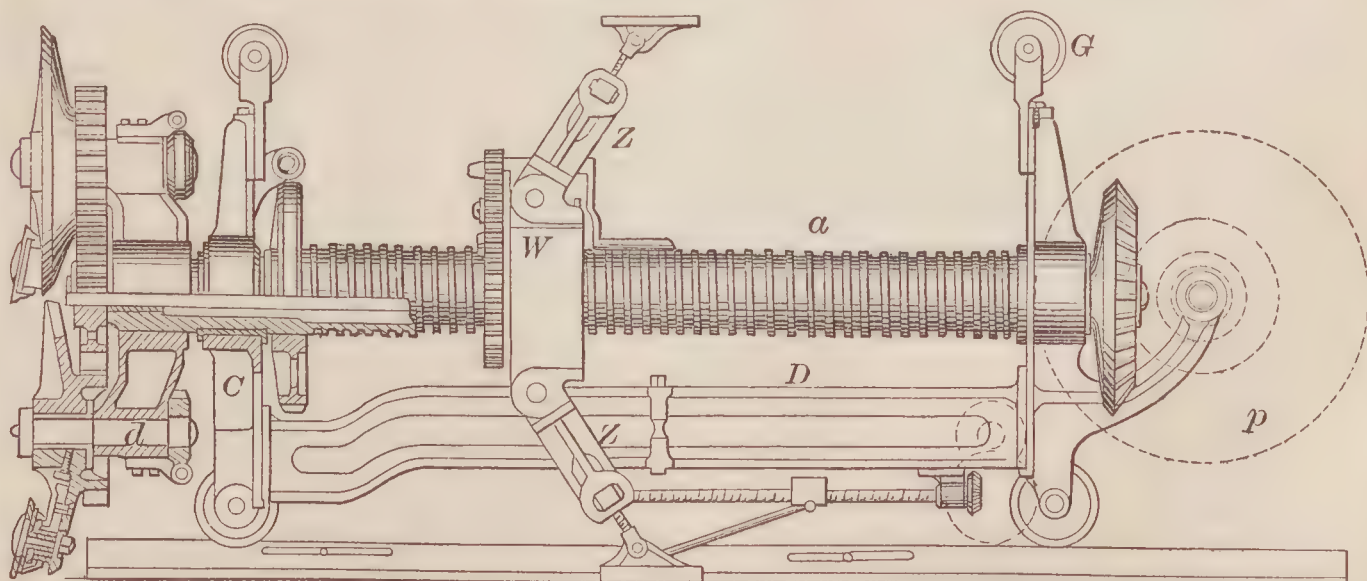
80057—Christopher, Hawksworth & Harding—For Drawing Metals.



80059—A. M. Connett—Boring Machine.

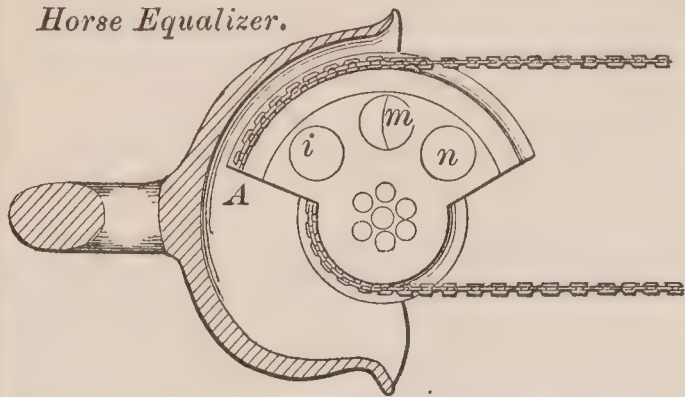


80056—J. D. Brunton—For Sinking Shafts.

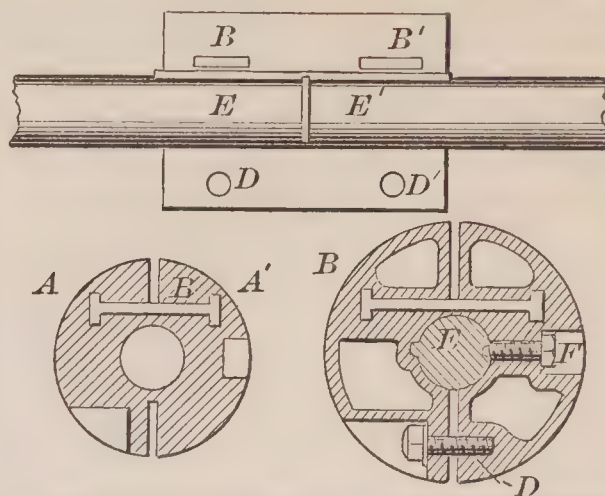




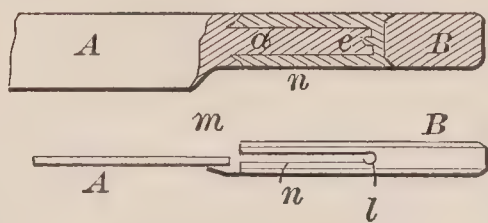
**80060**—Cramton & Spicer—*Three Horse Equalizer.*



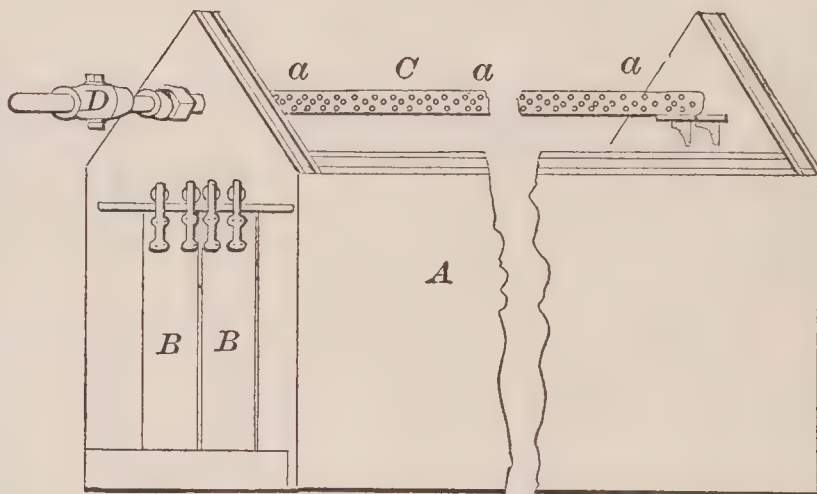
**80061**—W. Crandell—*Shaft Coupling.*



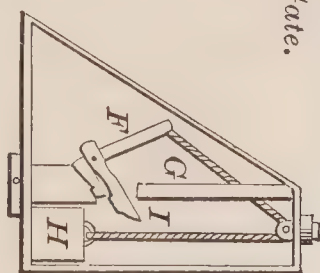
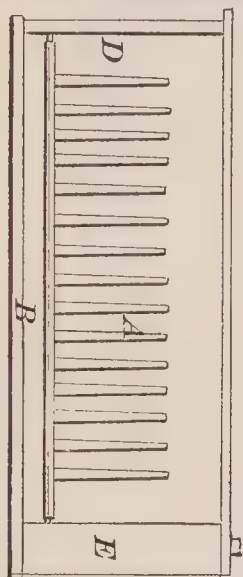
**80062**—E. Day—*Cutlery.*



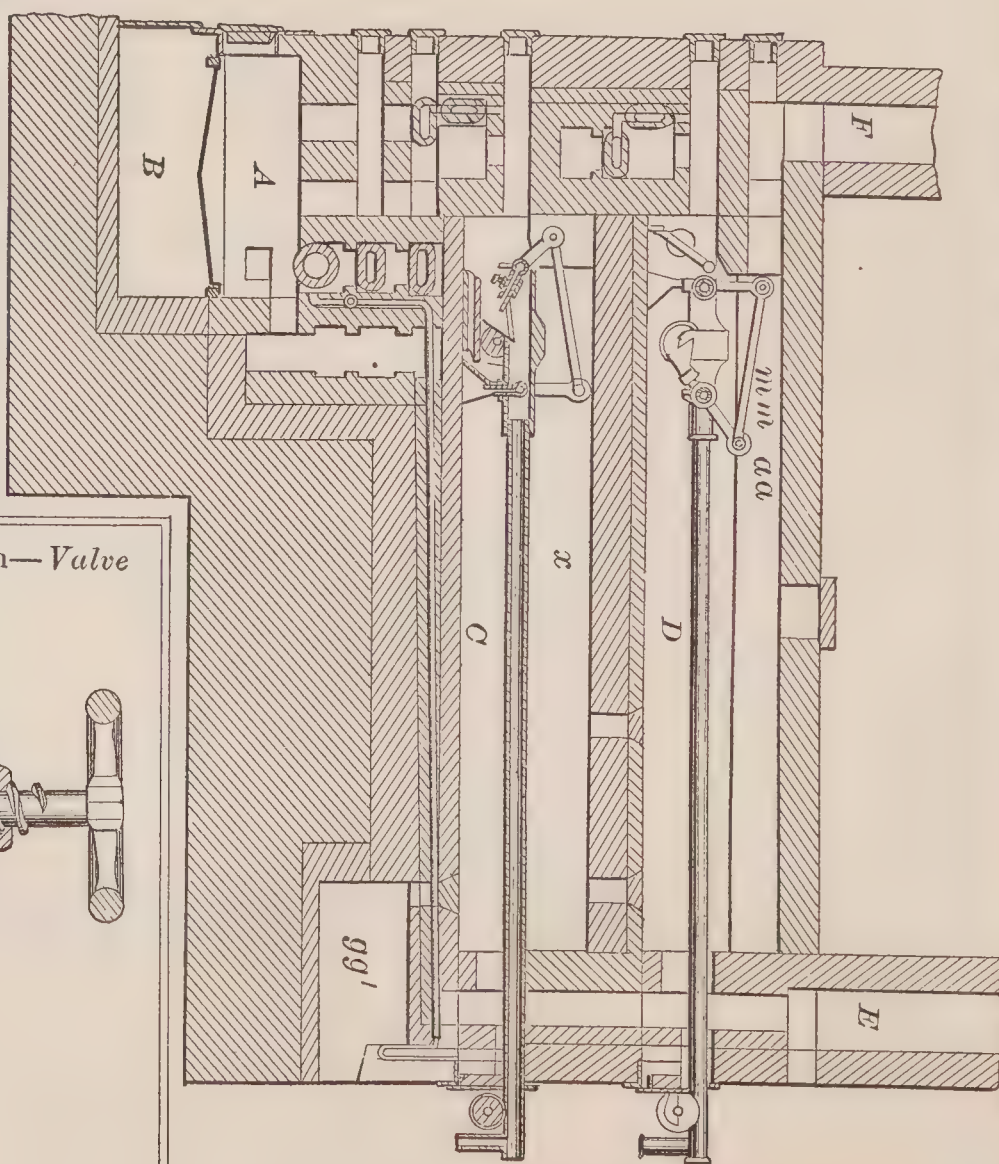
**80063**—R. S. Egbert—*Manufacture of Ice.*



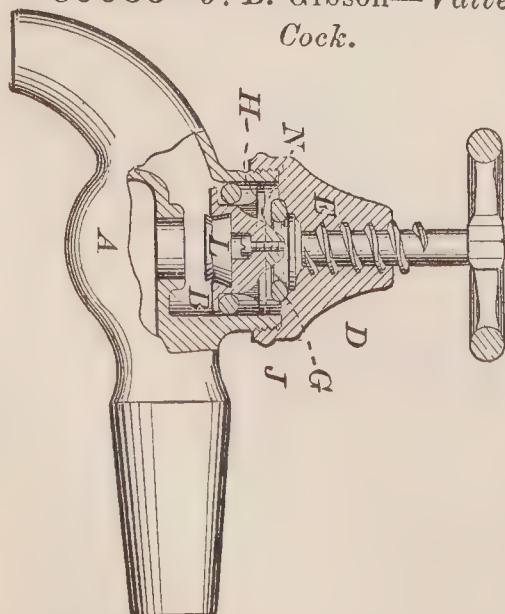
**80064**—W. C. Gault—*Stock Guard Gate.*



**80065**—R. George—*For Treating Ores.*

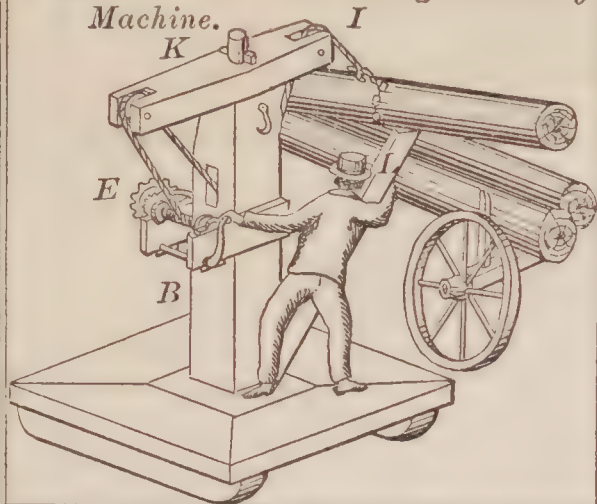


**80066**—J. B. Gibson—*Valve Cock.*

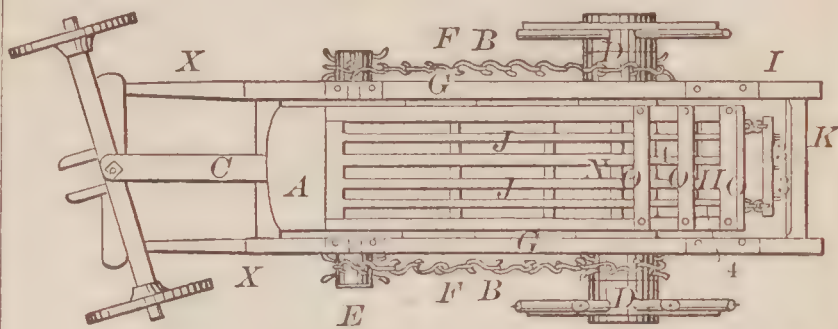




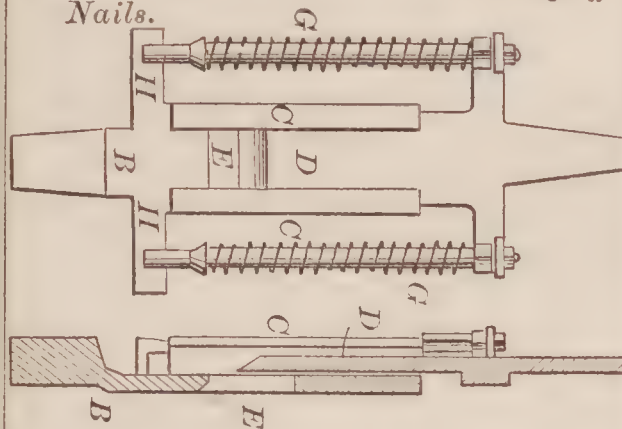
80067—H. T. Goodling—*Hoisting Machine.*



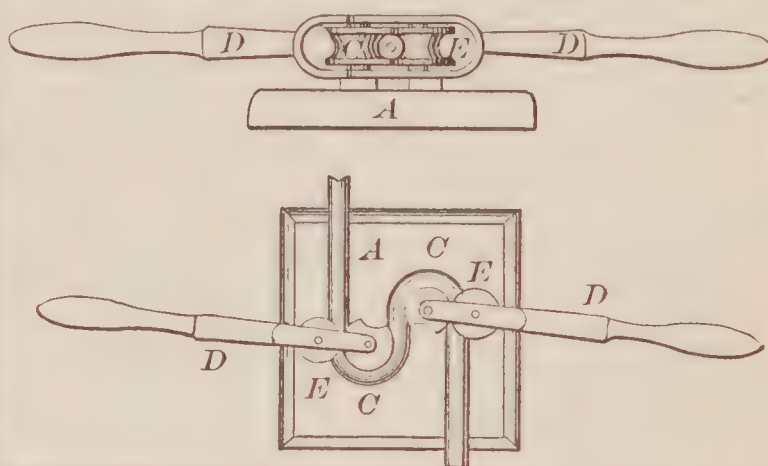
80070—M. Henderson—*Potato Digger.*



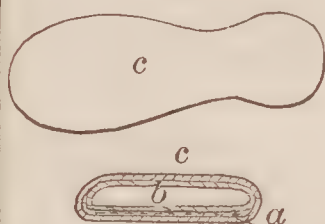
80068—M. Gormley—*For Cutting off Nails.*



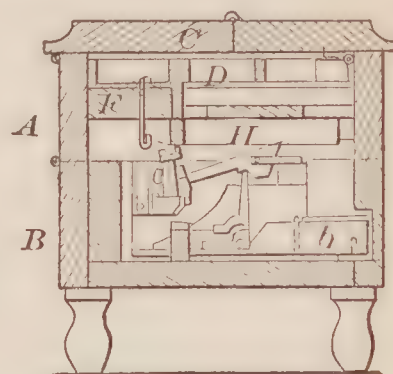
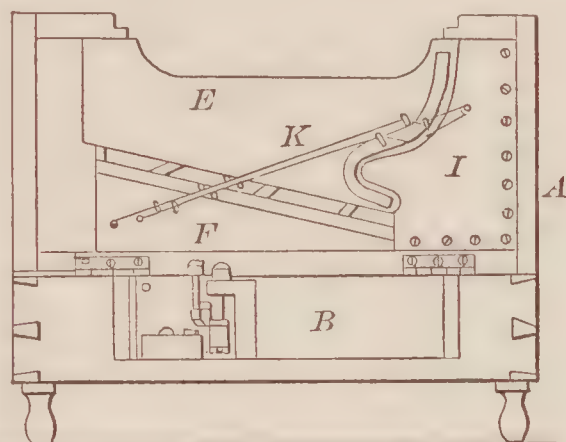
80069—T. J. Harrison—*For Bending Pipe.*



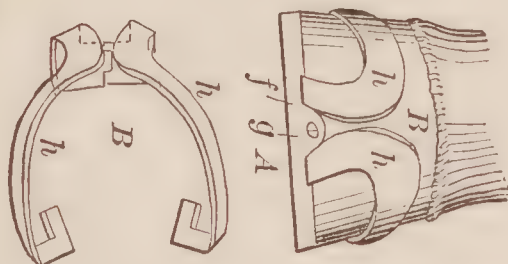
80071—R. Heneage—*Insole.*



80073—H. Herrick—*Piano Forte.*



80074—J. A. Heyl—*Horse Shoe.*



80075—J. M. Kilner—*For Towing Vessels.*

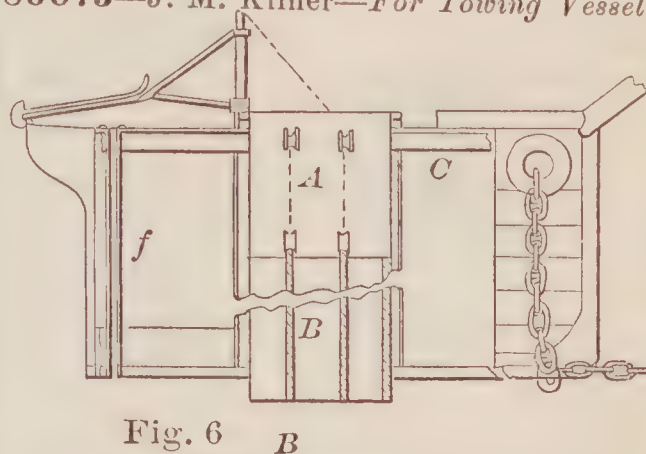
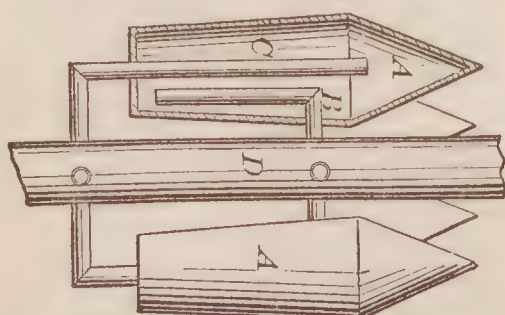
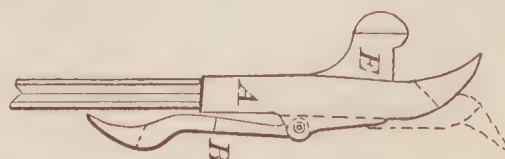


Fig. 6 B

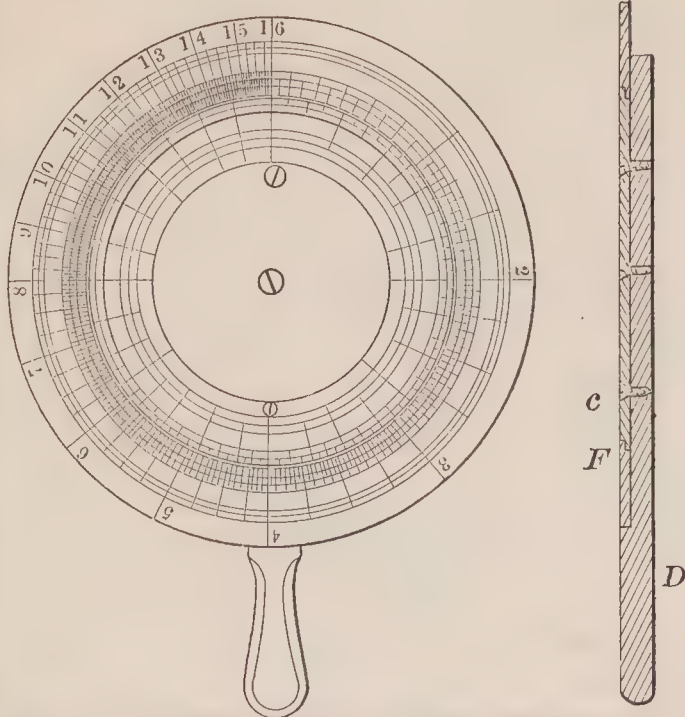
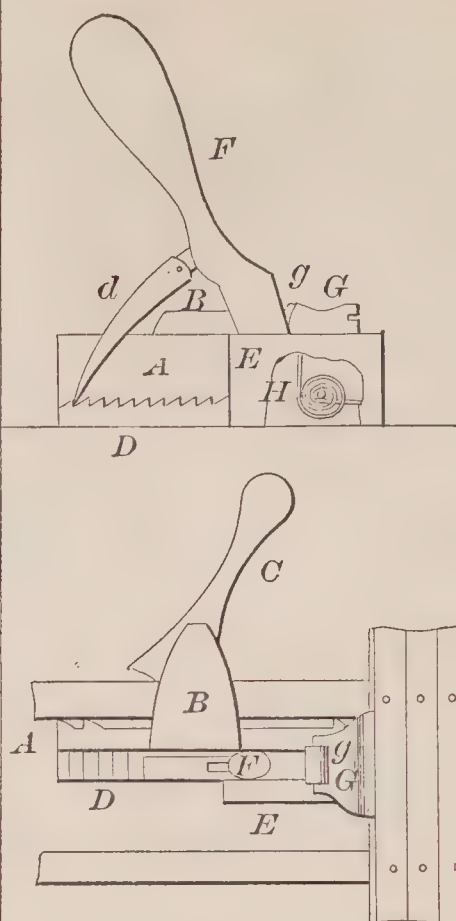
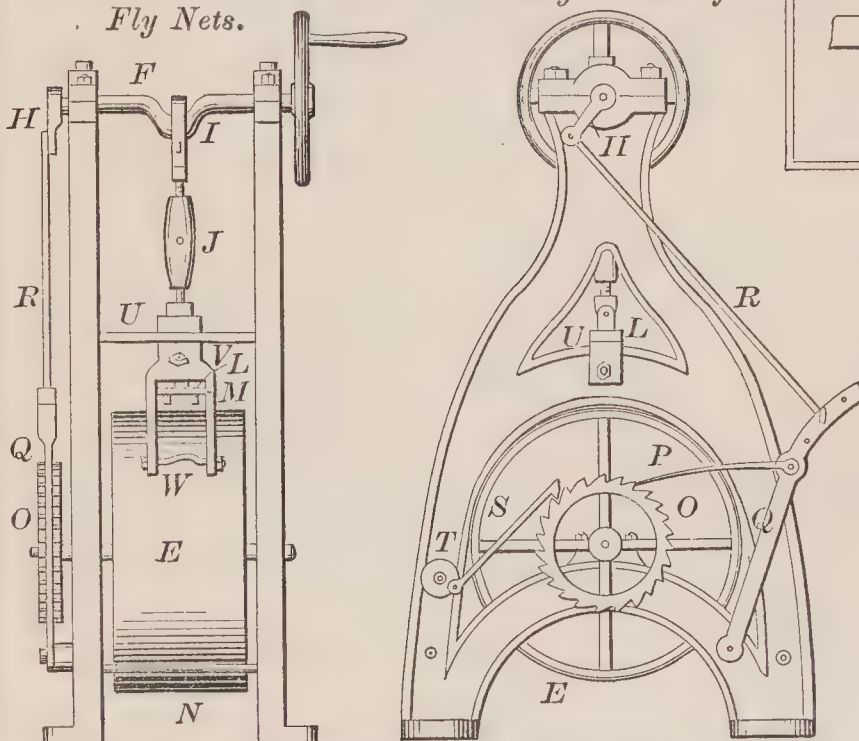
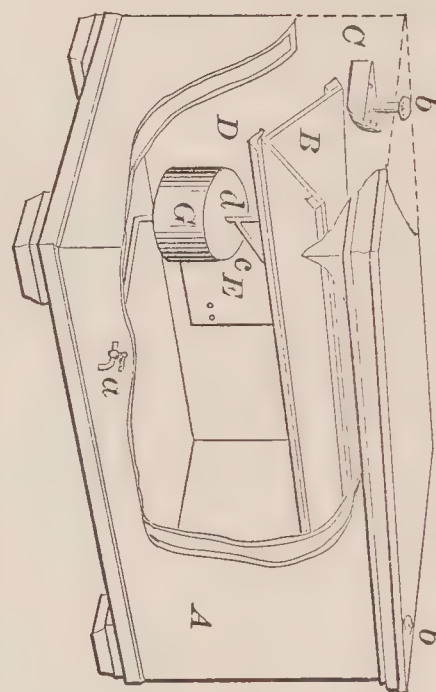
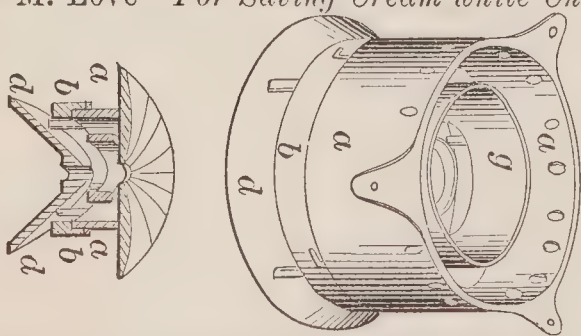
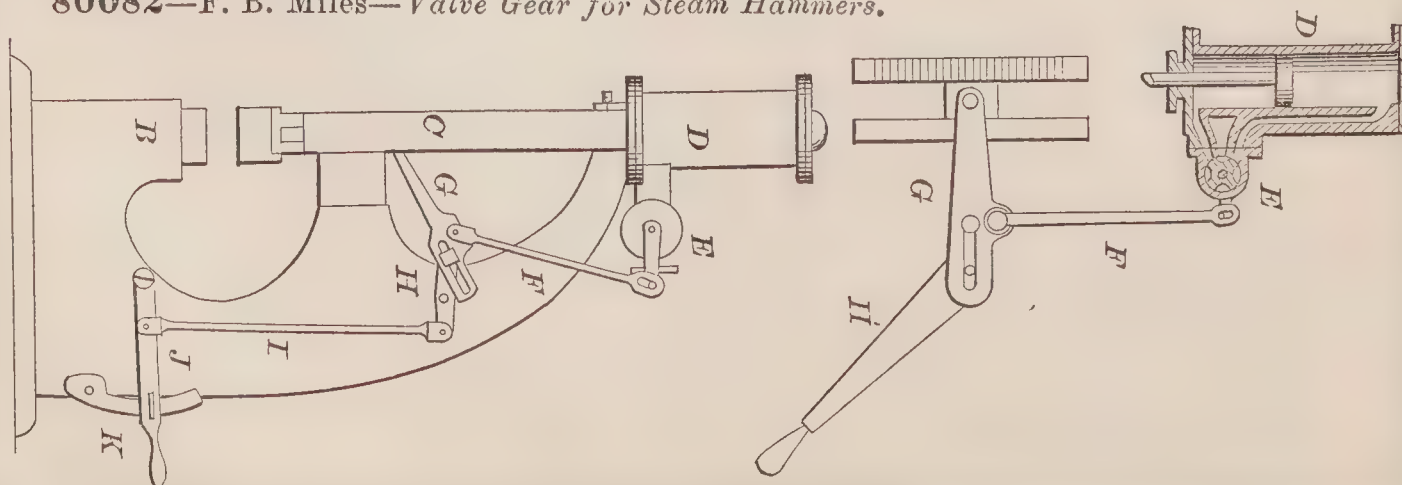
80076—J. A. Lakin—*Stove Pipe Drum.*



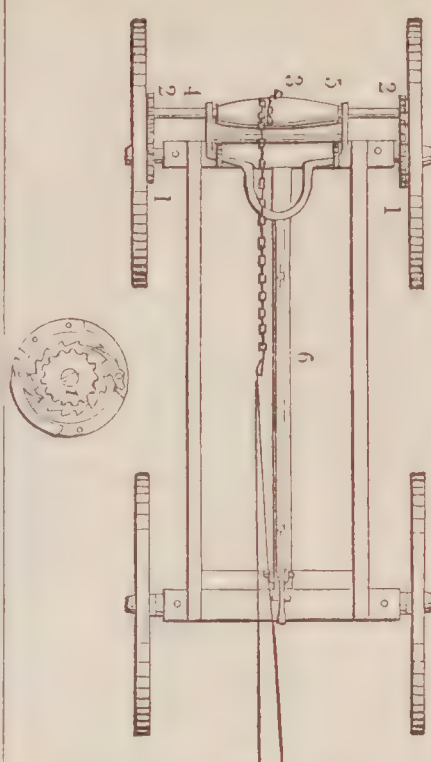
80072—M. Hennasy—*Claw Bar.*



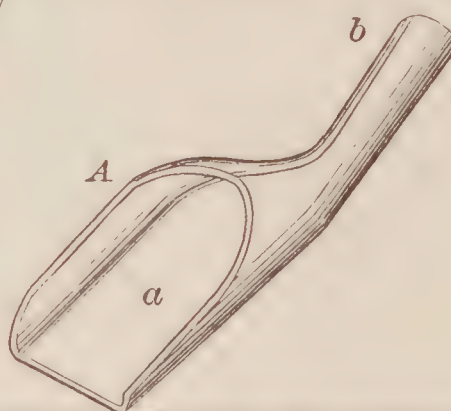


80077—C. Littlefield—*For Measuring Lumber.*80079—F. S. Mack—*Floor Clamp.*80081—J. Matheis—*For Punching Leather for Fly Nets.*80080—J. Martin—*Refrigerator.*80078—M. Love—*For Saving Cream while Churning.*80082—F. B. Miles—*Valve Gear for Steam Hammers.*

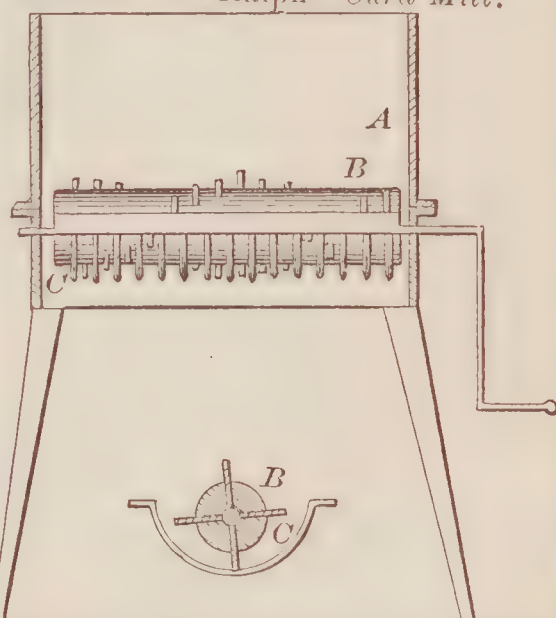
80085—M. O'Connell—*for Checking Horses.*



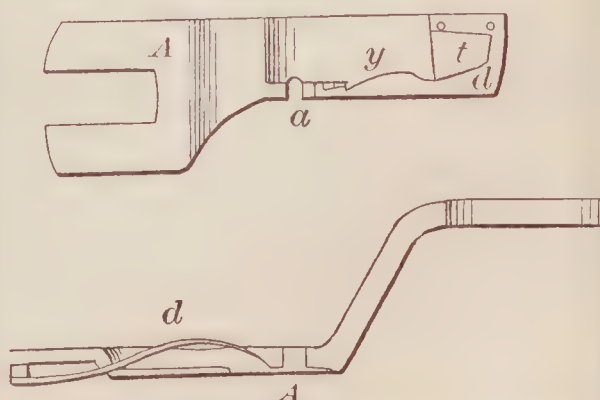
80087—J. T. Page—*Scoop.*



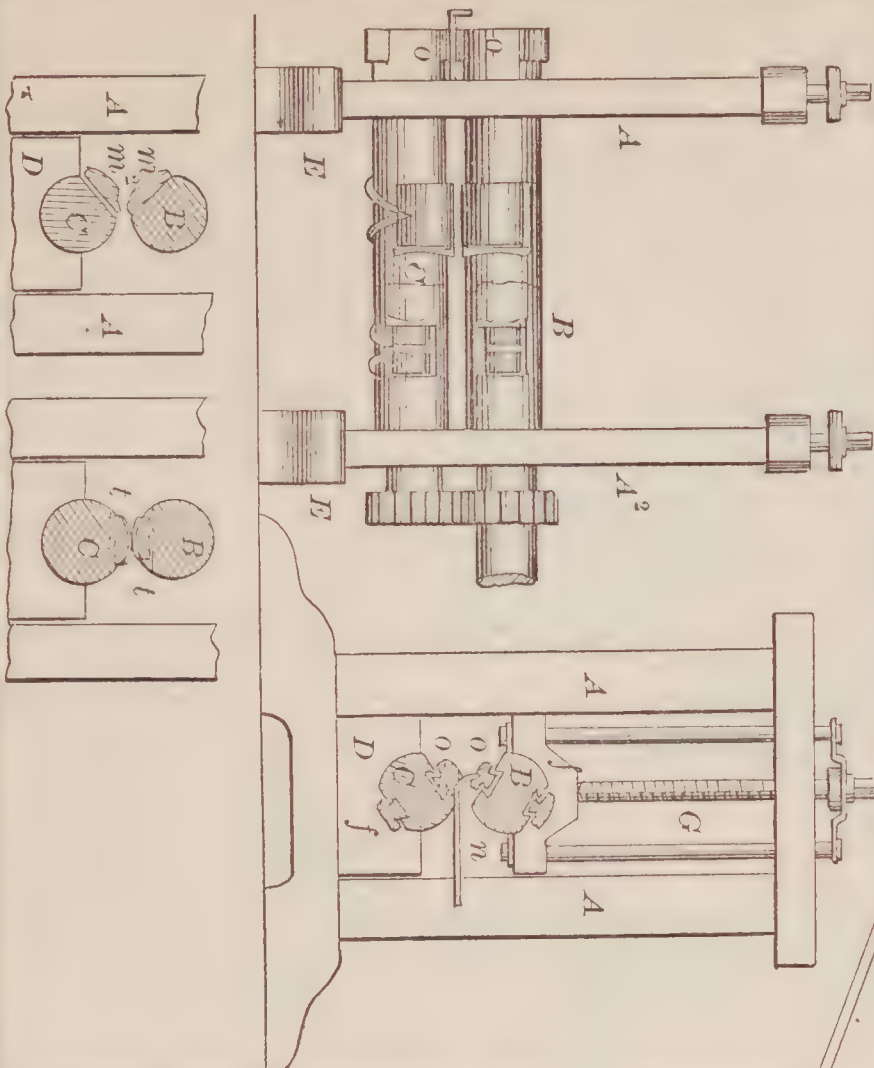
80089—W. Ralph—*Curd Mill.*



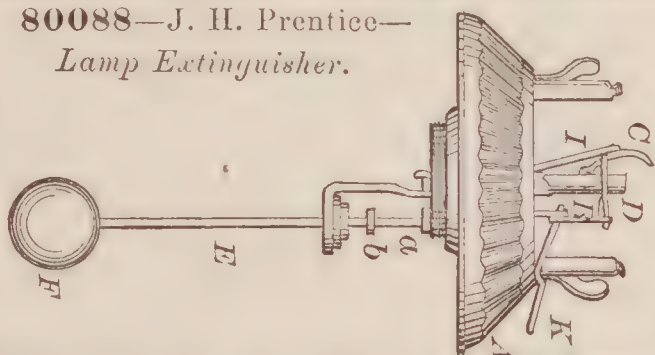
80090—G. Rehfuß—*Sewing Machine Hemmer.*



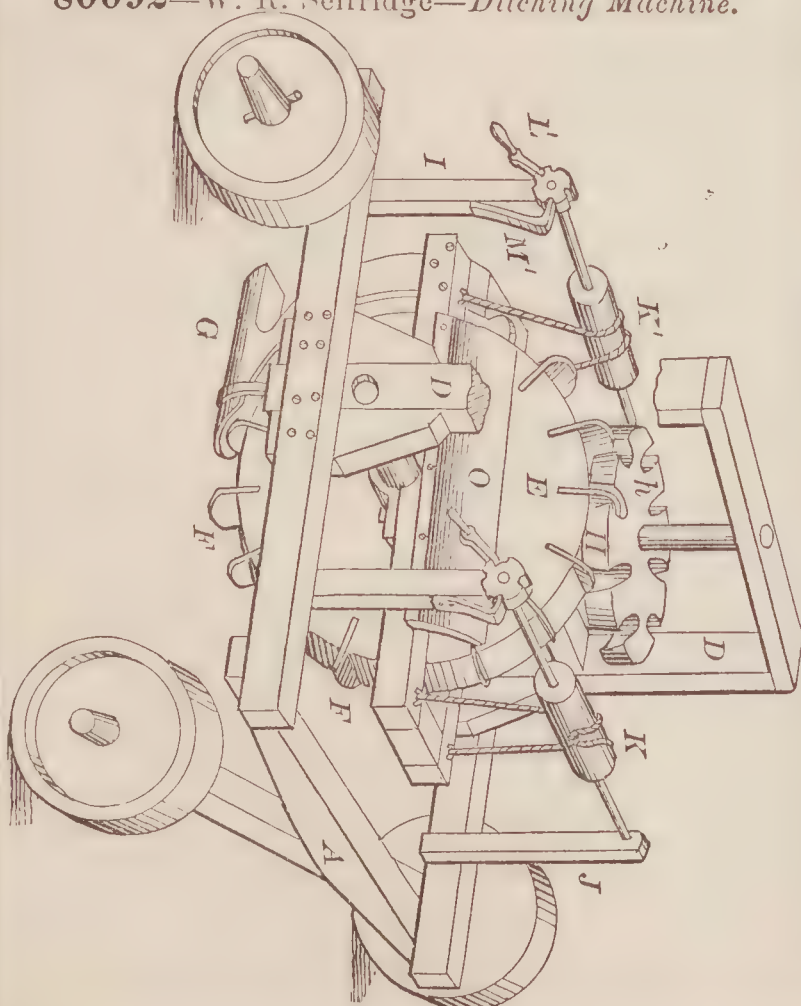
80083—S. A. Millard—*for Rolling Hoe Blanks.*



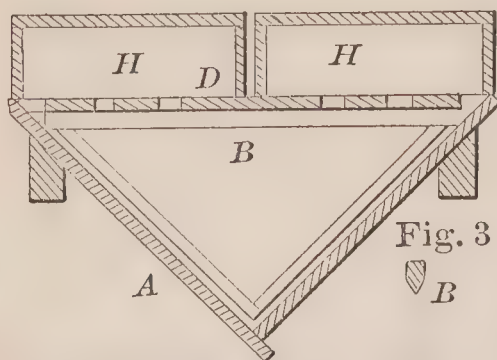
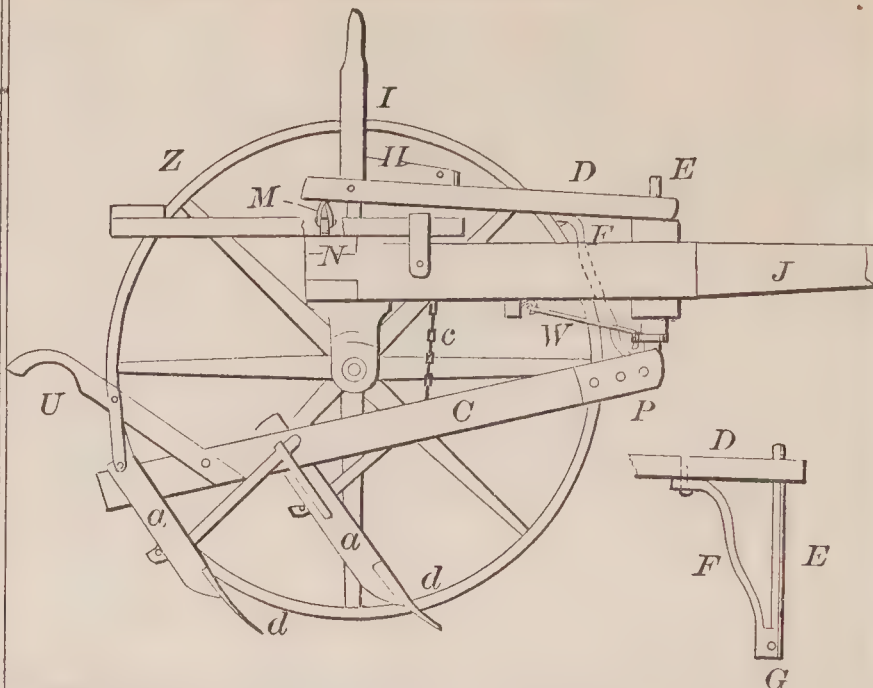
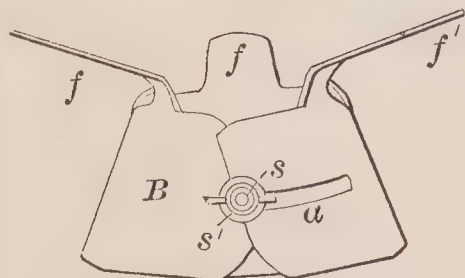
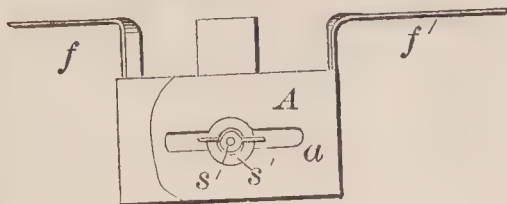
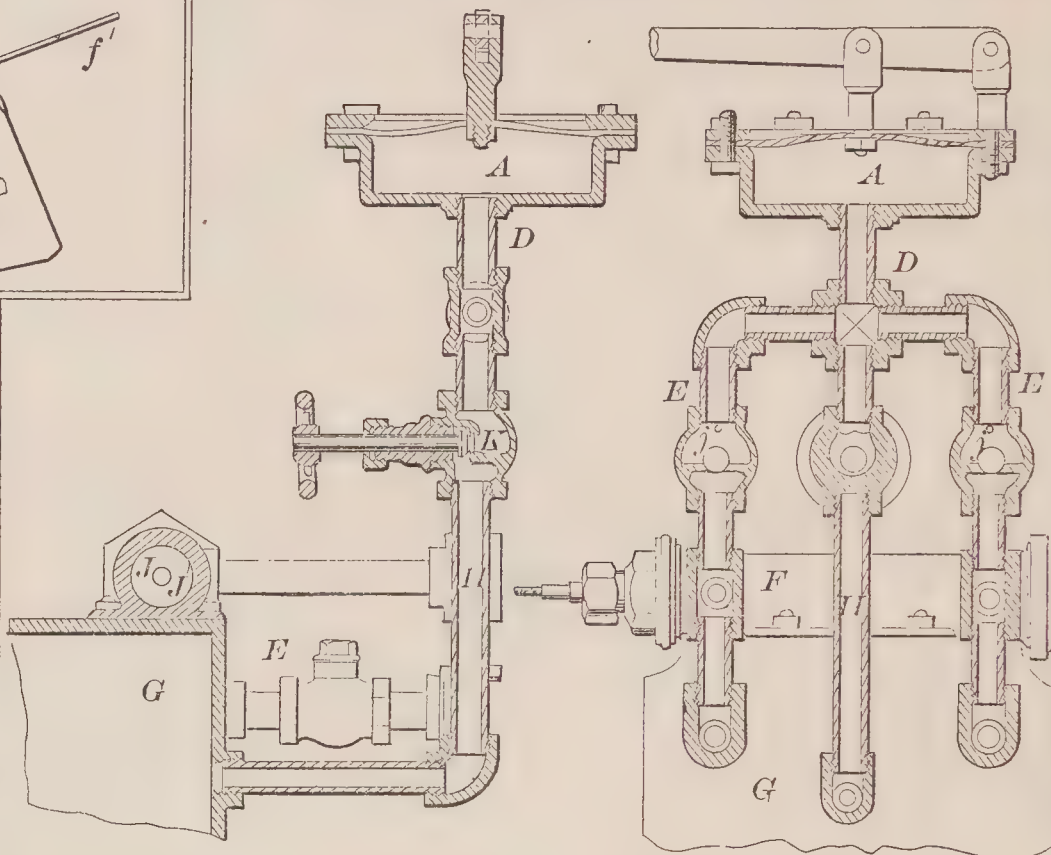
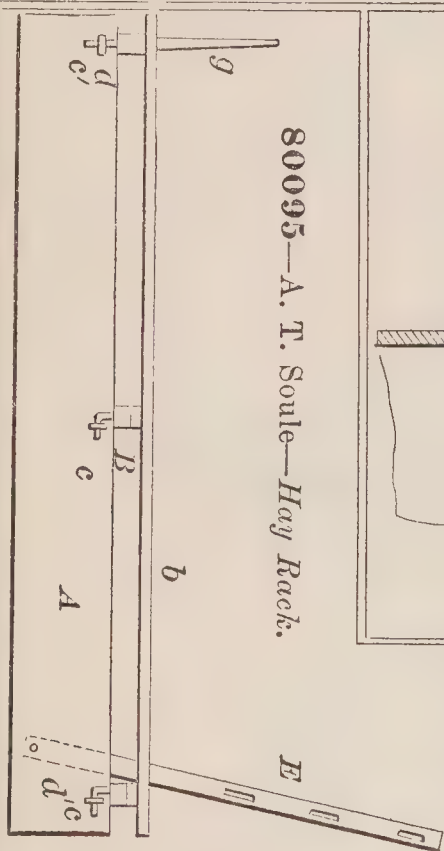
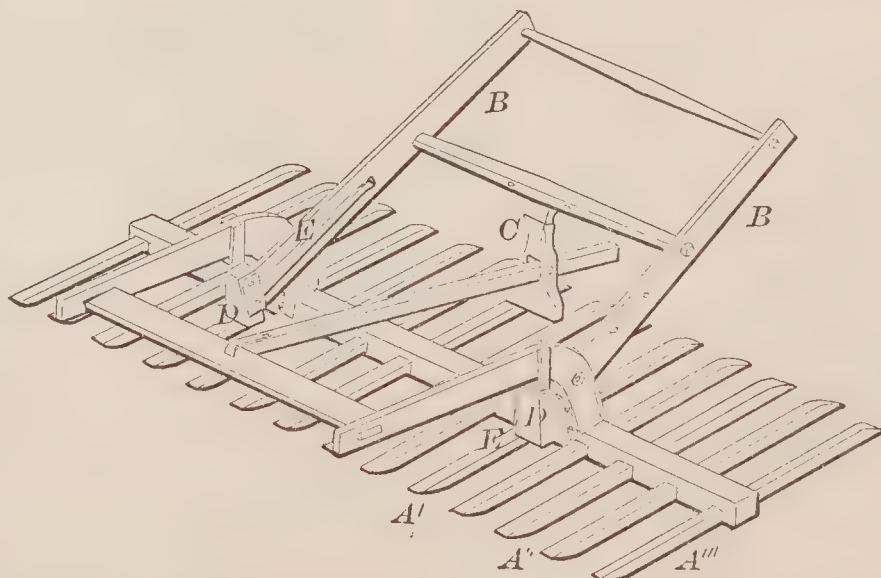
80088—J. H. Prentice—*Lamp Extinguisher.*



80092—W. R. Selfridge—*Ditching Machine.*

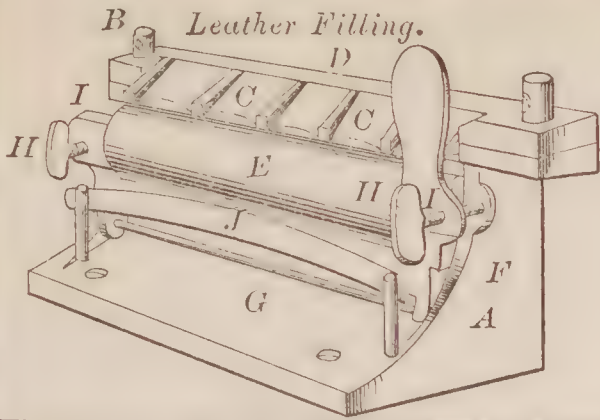




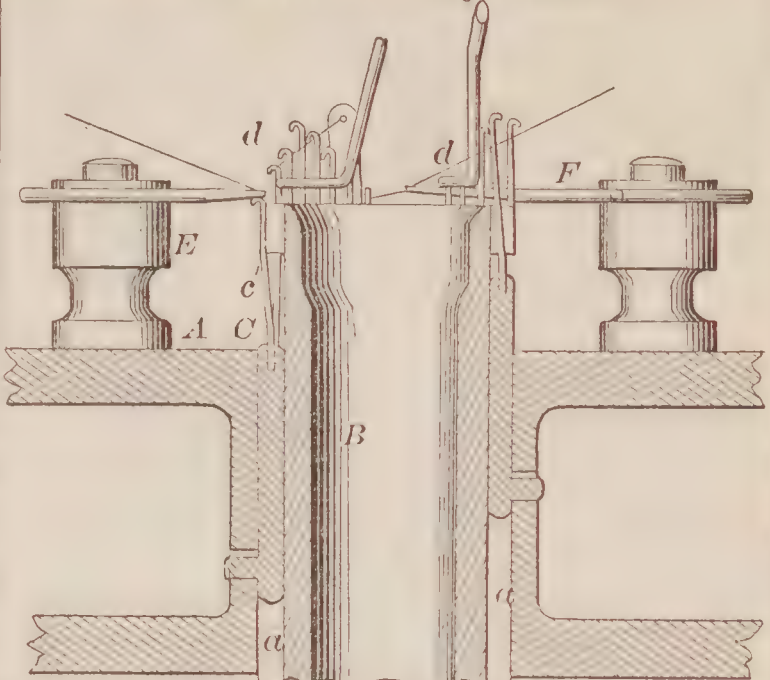
80091—S. B. Replogle—*Beehive*.80094—J. H. Skelly—*Cultivator*.80093—P. M. Shea—*Lamp Chimney Attachment*.80096—J. H. Springer—*Steam Engine Governor*.80095—A. T. Soule—*Hay Rack*.80097—C. Starrett—*Horse Rake*.

80098--R. C. Turner--For Cutting

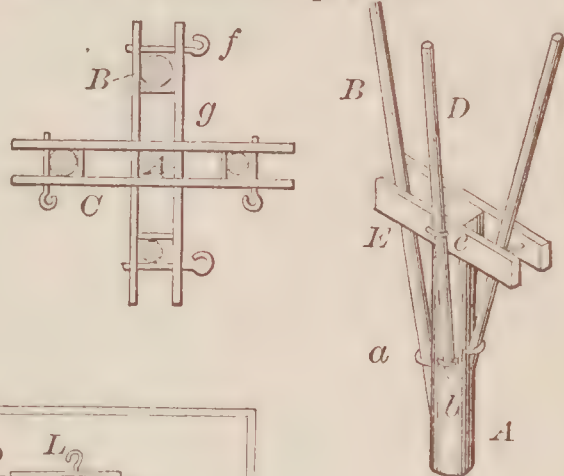
Leather Filling.



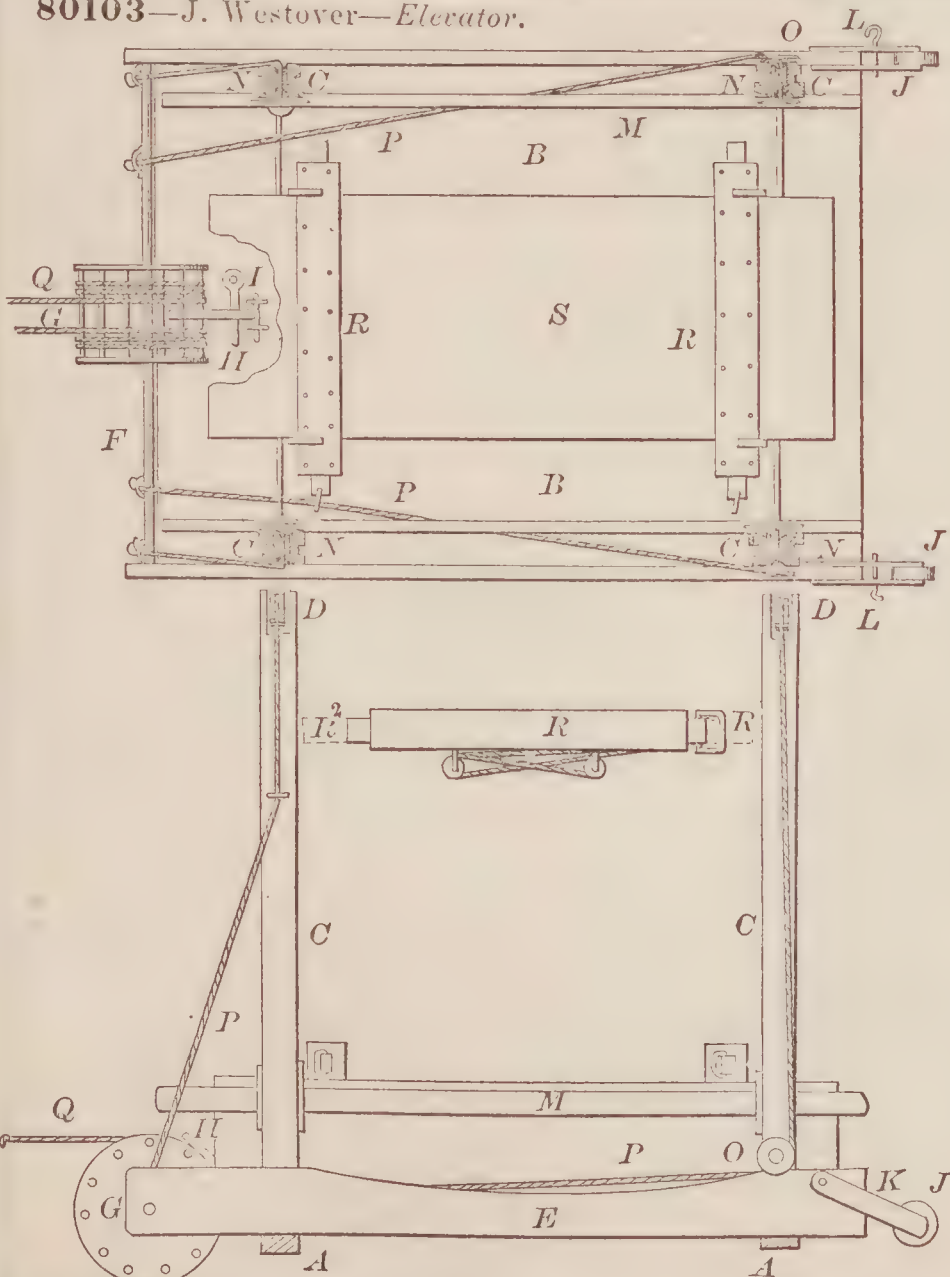
80099--A. J. Wale--Knitting Machine.



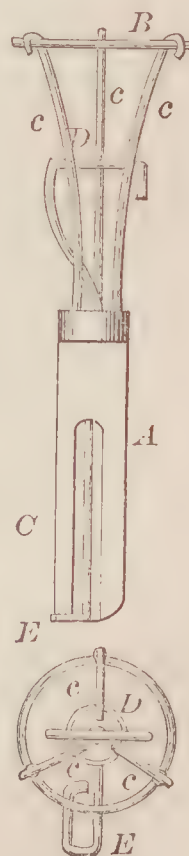
80104--J. G. Wilber--Hop Pole.



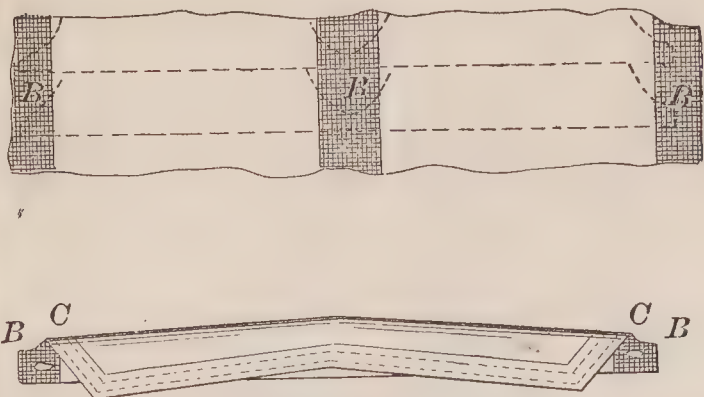
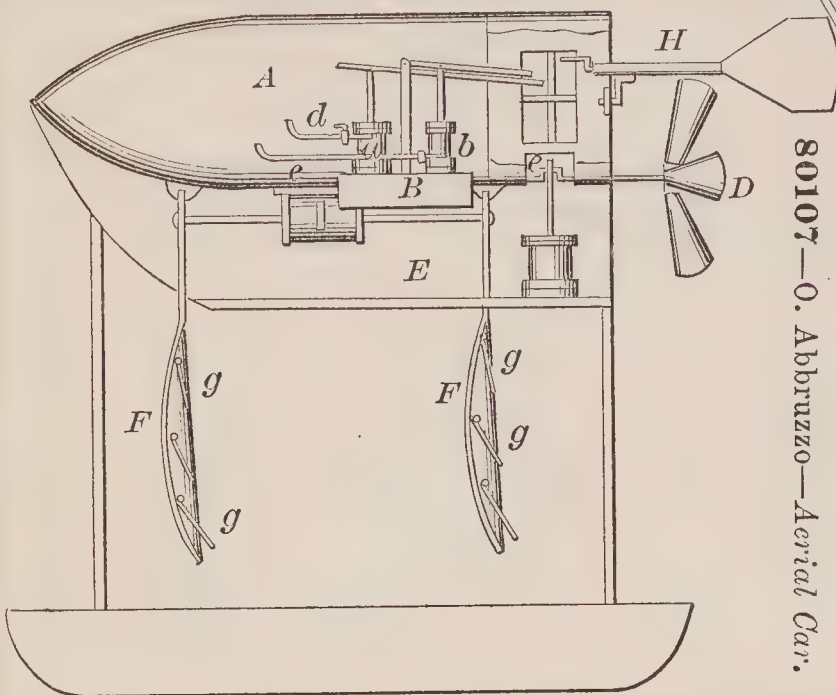
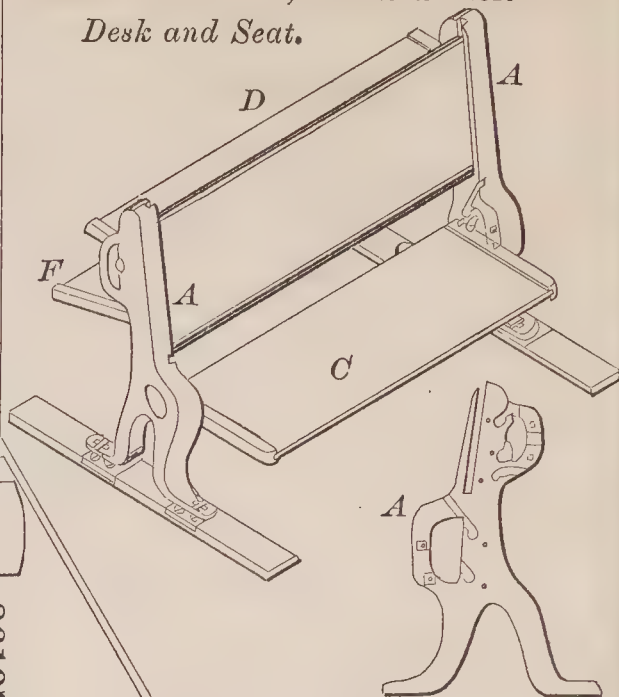
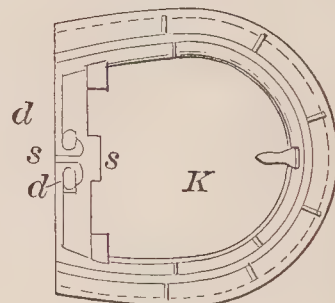
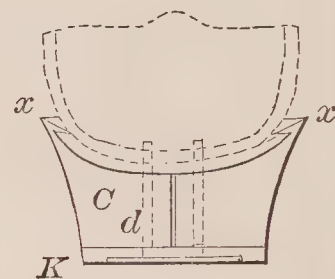
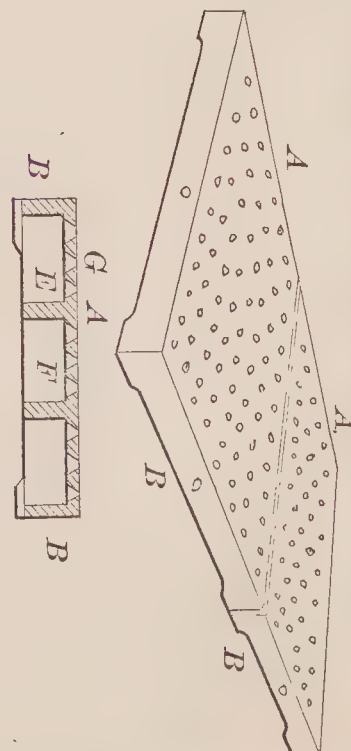
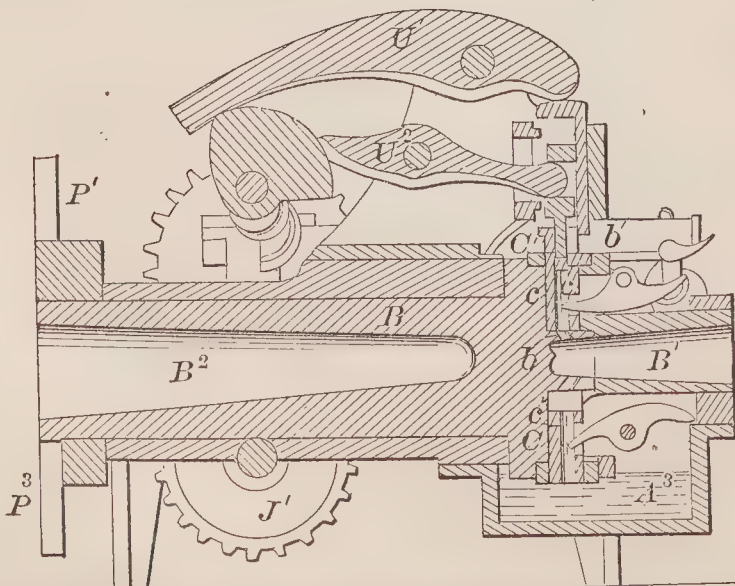
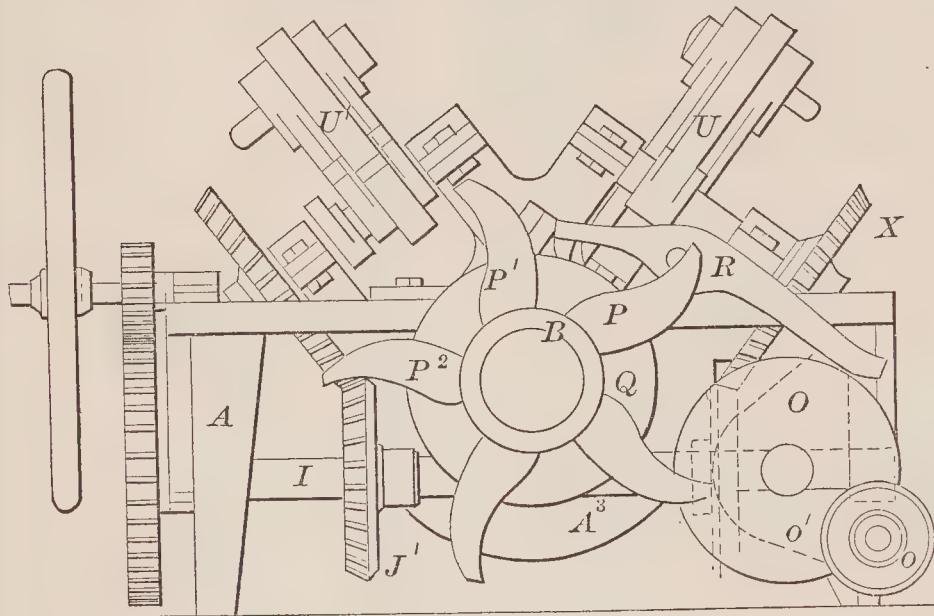
80103--J. Westover--Elevator.



80100--J. T. Walker--Dish Cloth Holder.





80105—J. M. Willcox—*Manufacture of Paper.*80106—Abbott, Tuttle & Holt—*Desk and Seat.*80107—O. Abbruzzo—*Aerial Car.*80109—Allen & Ryerson—*For Boots and Shoes.*80108—E. R. Addison—*For Making Nuts.*80110—T. G. Arnold—*Malt Kibb Tile.*

80111—L. J. Atwood—*Lamp.*

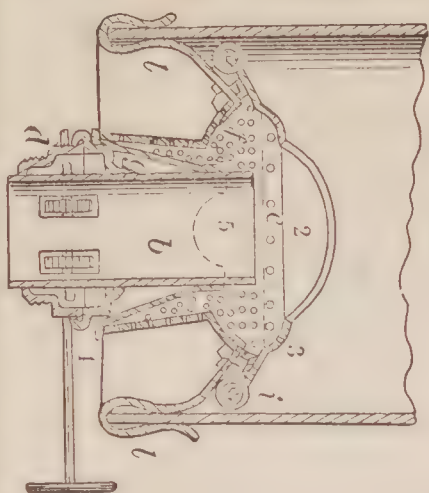
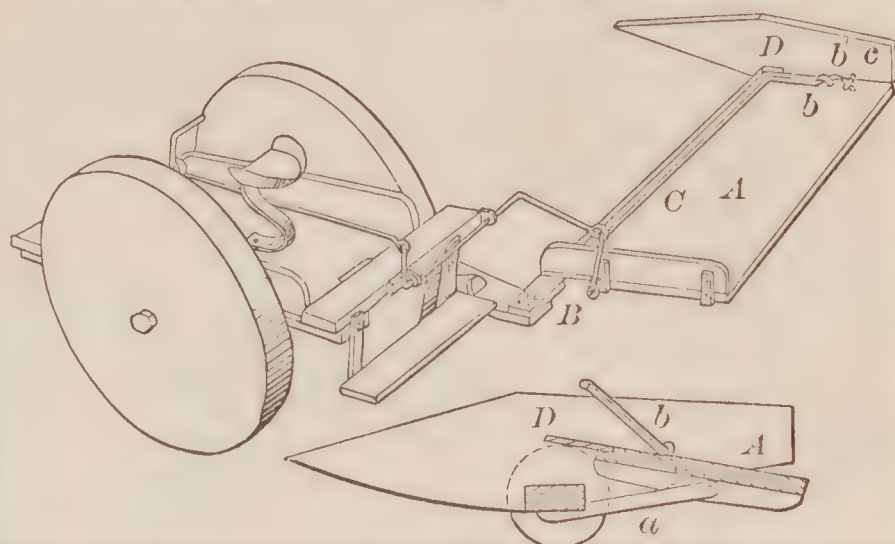
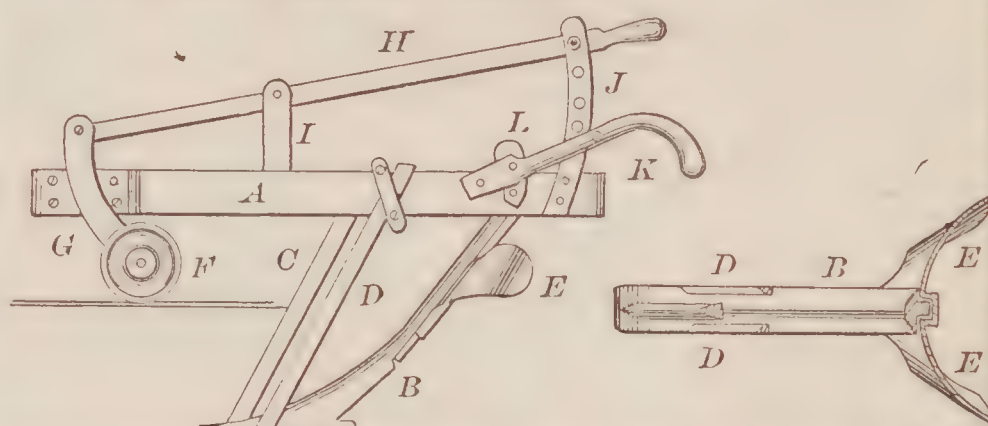


Fig. 1

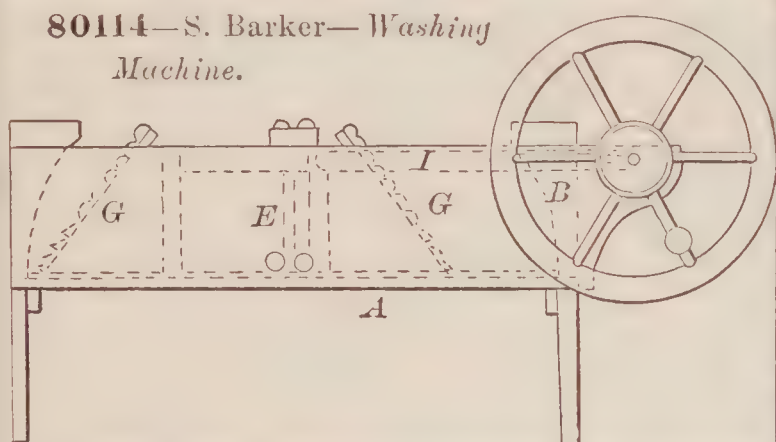
80112—E. & M. Ball—*Dropping Platform for Harvesters.*



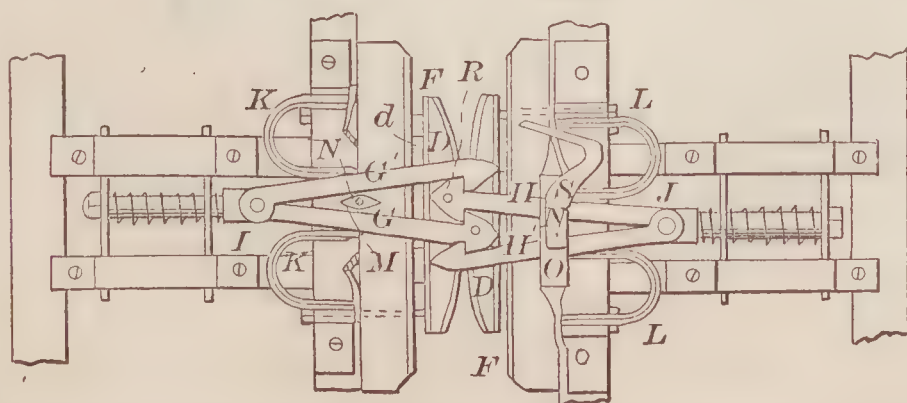
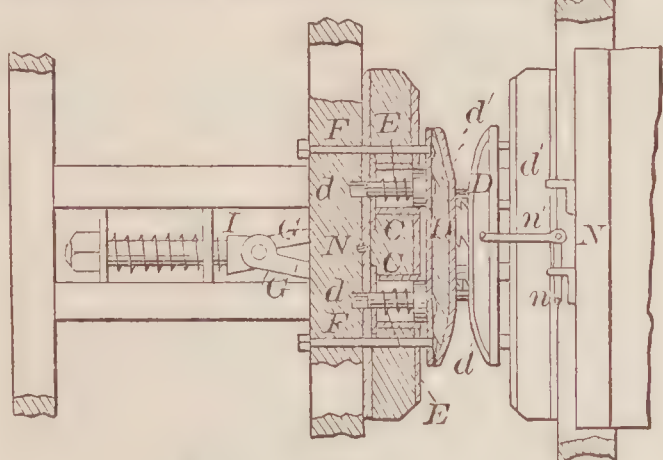
80113—P. Ballard—*Drain Plow.*



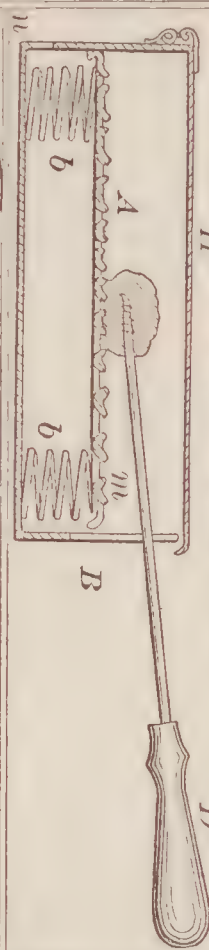
80114—S. Barker—*Washing Machine.*



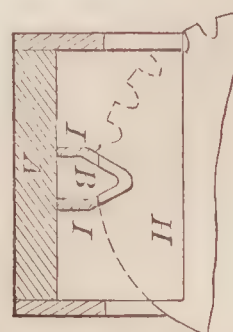
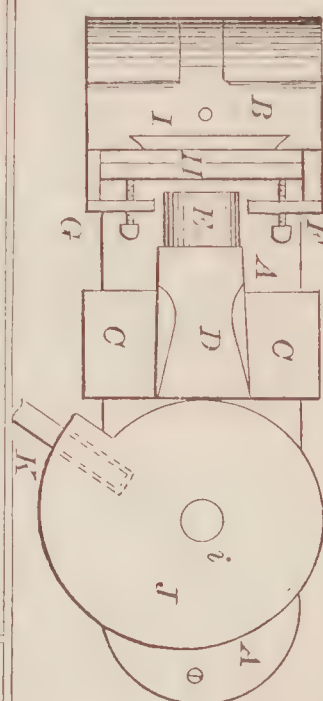
80117—D. S. Beals—*Car Coupling*



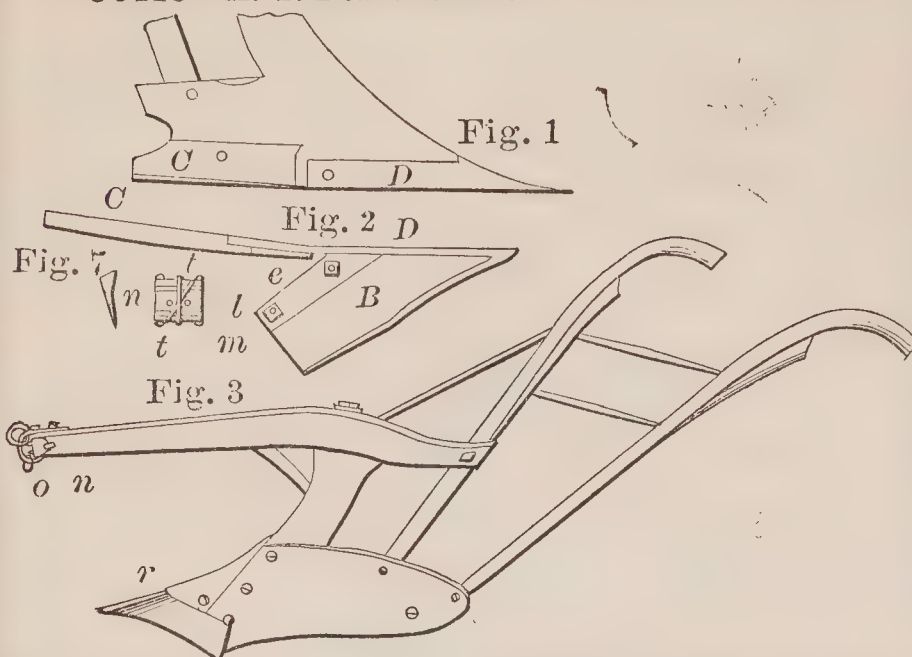
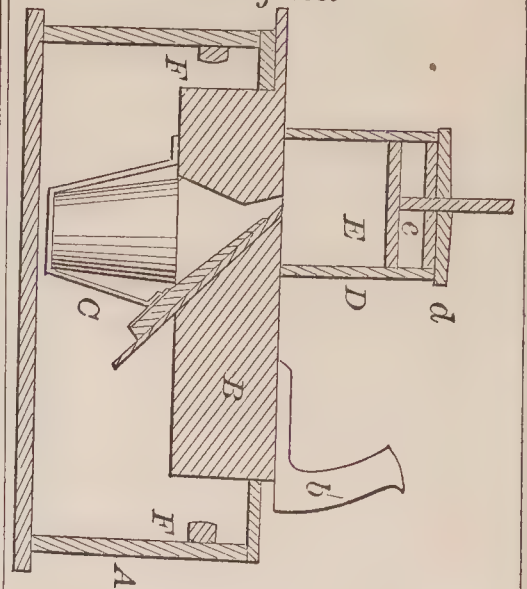
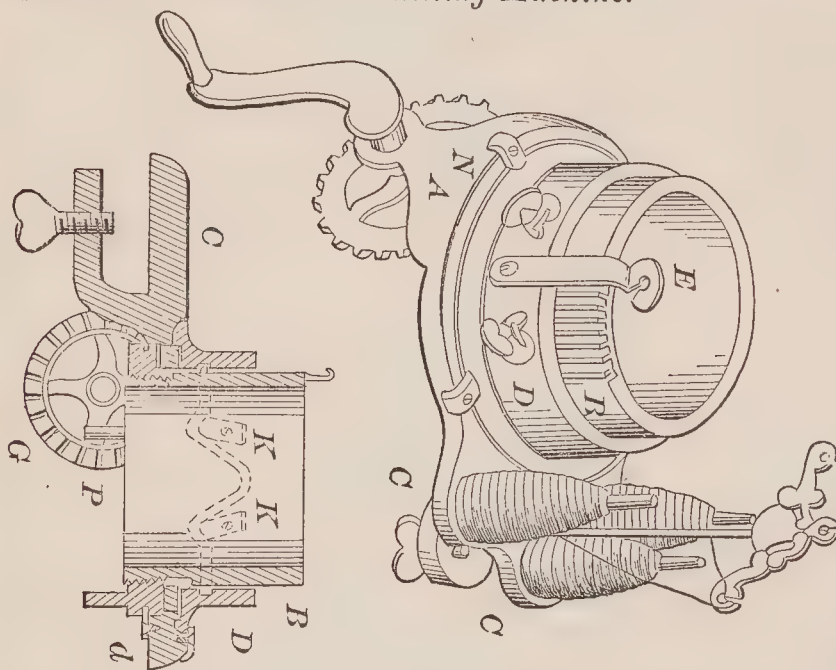
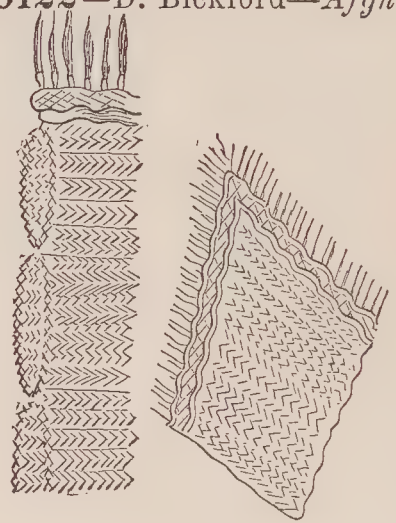
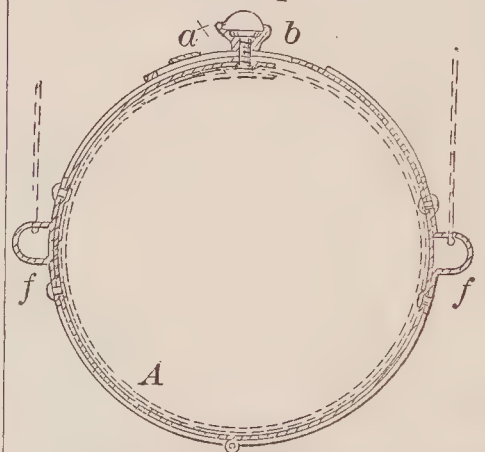
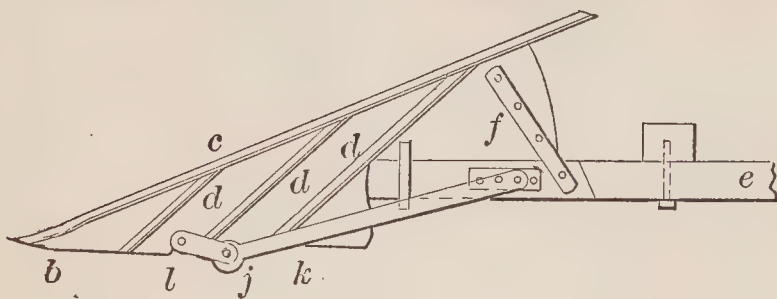
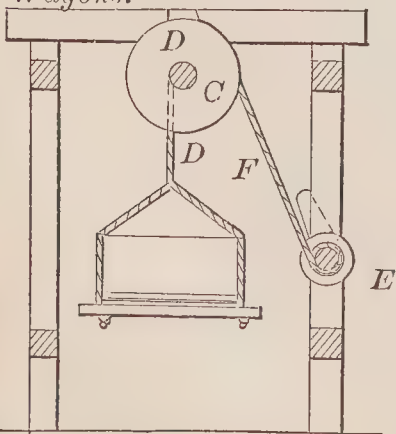
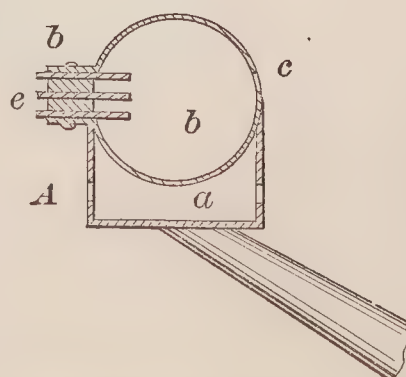
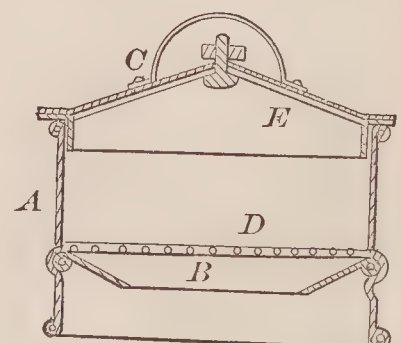
80116—H. H. Barstow—*Kitchen Grater.*



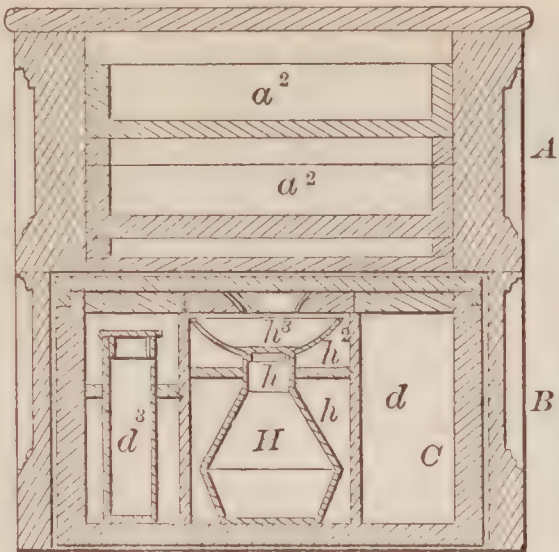
80115—D. J. Barnett—*Saw Gunning Device.*



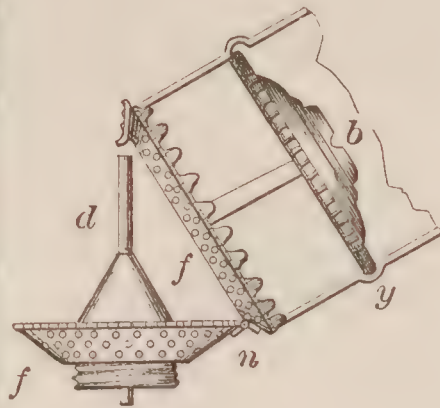


80118—H. T. Beam—*Plow.*80119—C. & G. Beatty—*For Cutting Ice.*80121—D. Bickford—*Knitting Machine.*80122—D. Bickford—*Afghan.*80126—G. W. Bradford—*Stove Pipe Suspenders.*80124—O. Bonney, Jr.—*Harvester.*80127—S. S. Brewster—*For Removing Boxes from Wagons.*80128—R. M. Brooks—*Scrubbing Brush.*80125—S. Bowers—*Broiler.*

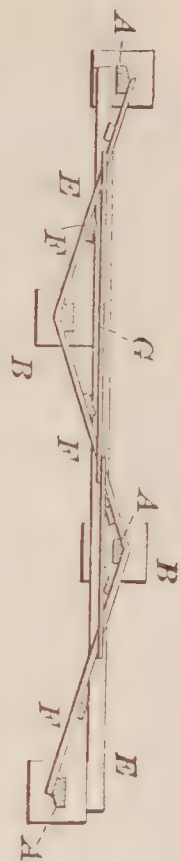
80129—A. J. Brown—*Washstand and Water Closet.*



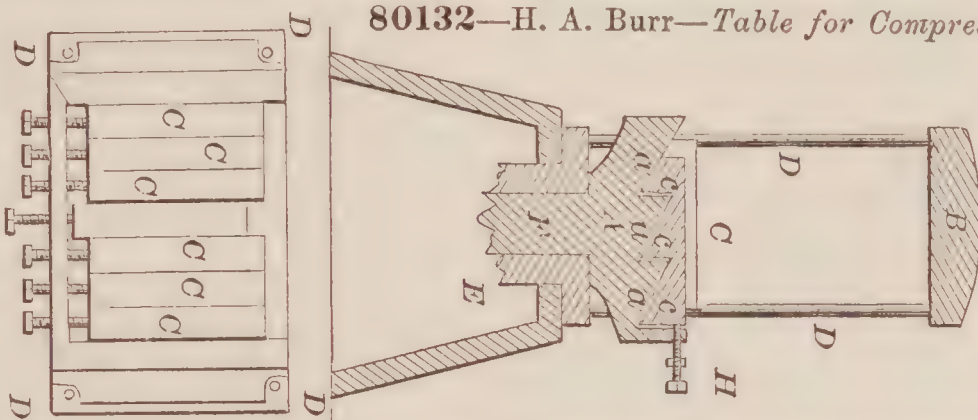
80133—C. W. Cahoon—*Lamp.*



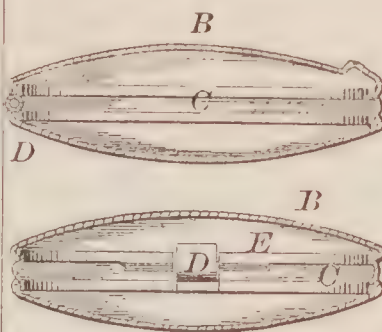
80131—T. L. Burk—*Fence.*



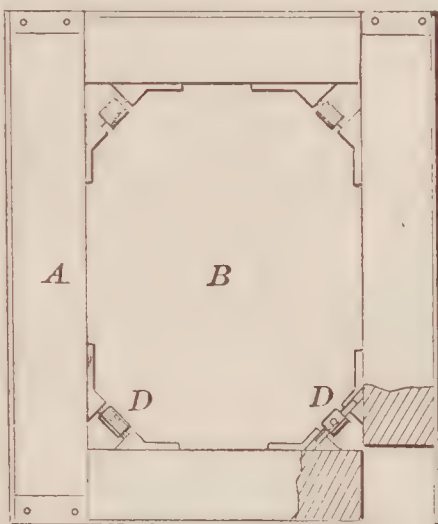
80132—H. A. Burr—*Table for Compresses.*



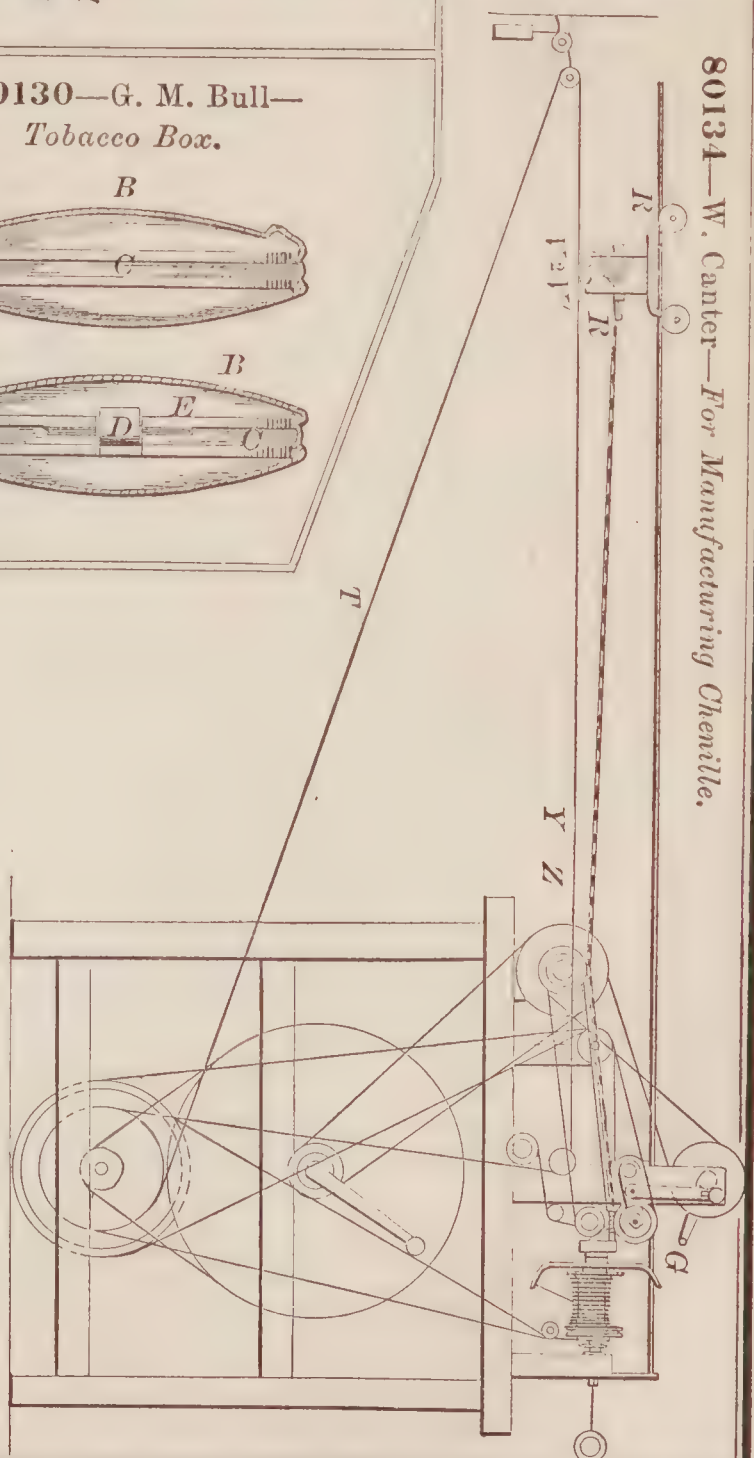
80130—G. M. Bull—*Tobacco Box.*



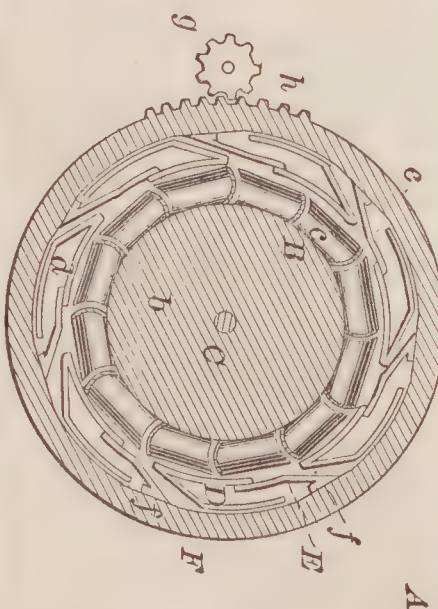
80135—J. F. Carroll—*Artists' Stretching Frame.*



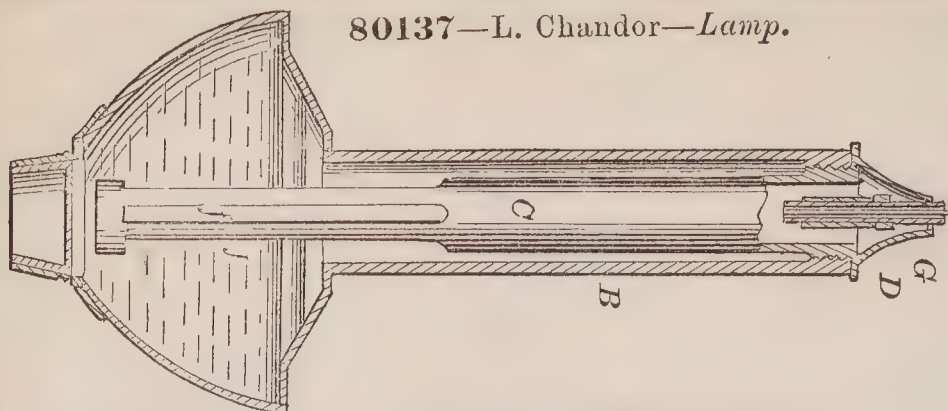
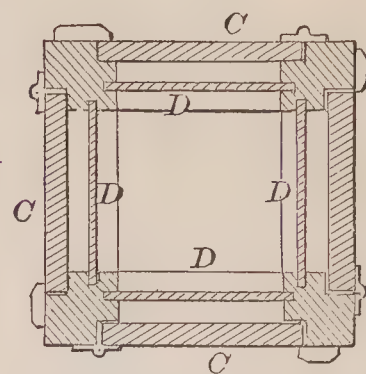
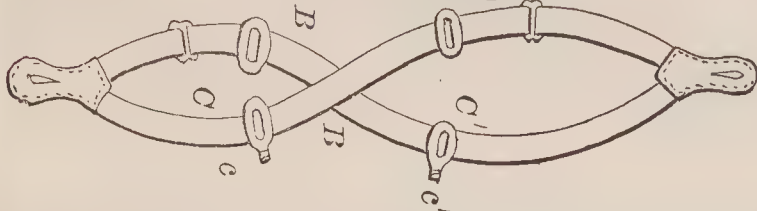
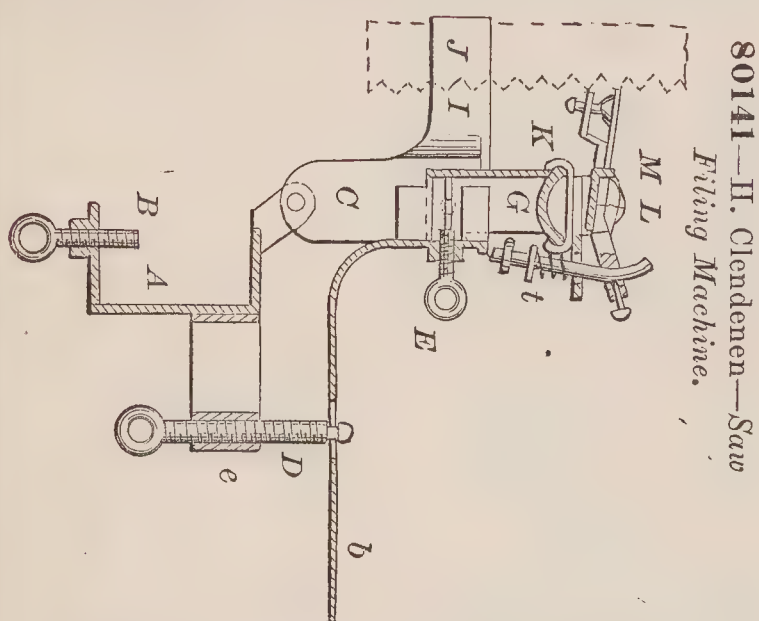
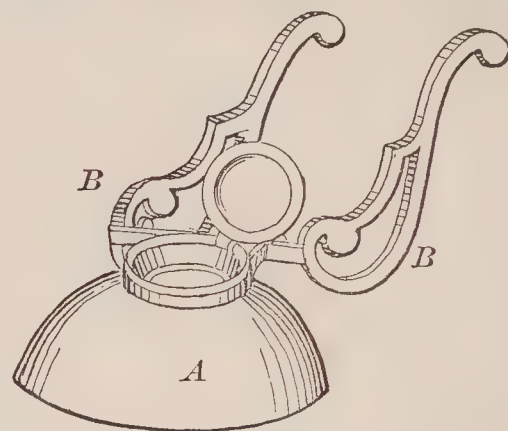
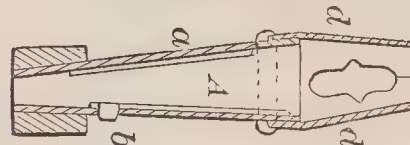
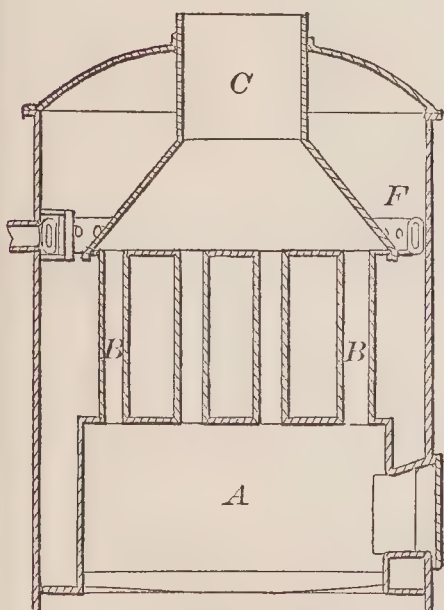
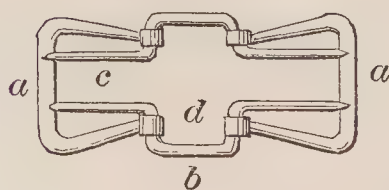
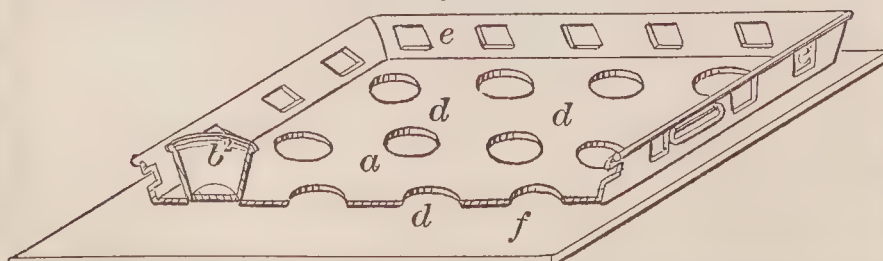
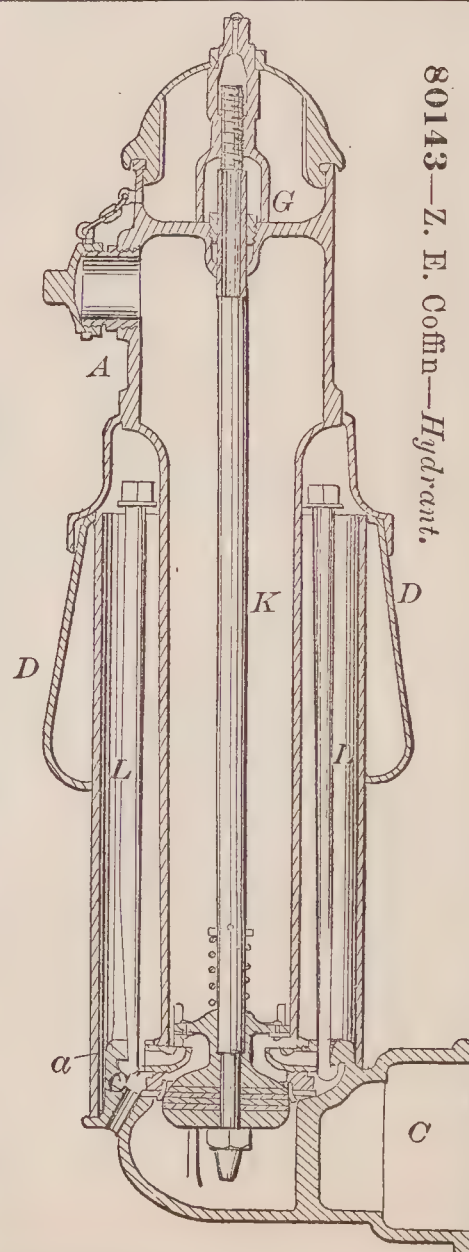
80134—W. Canter—*For Manufacturing Chenille.*



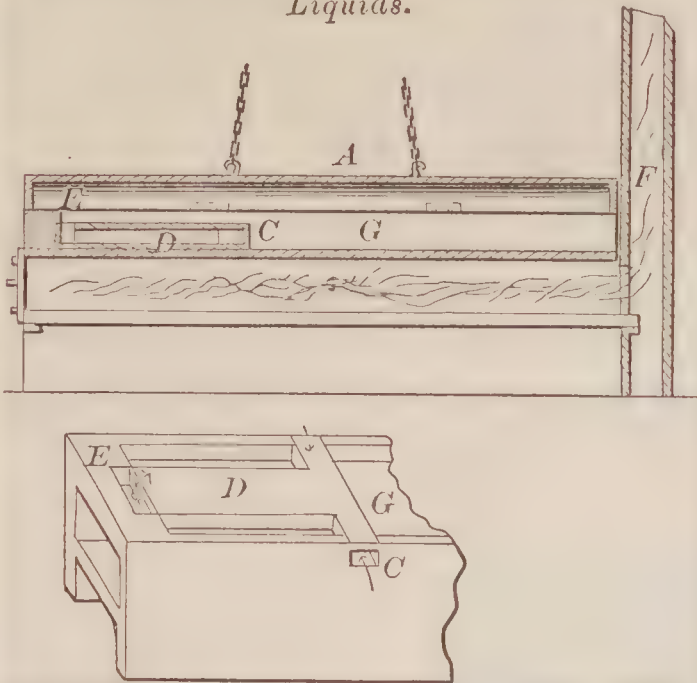
80136—D. W. Case—*Water Wheel.*



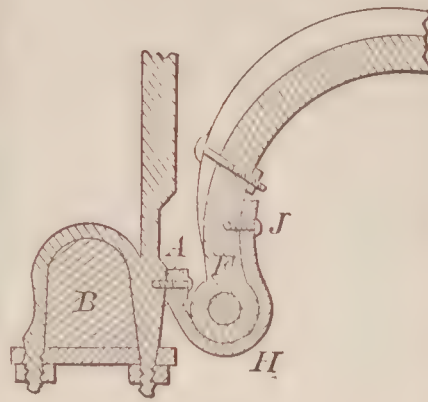


80137—L. Chandor—*Lamp.*80138—J. Chase—*Beehive.*80142—C. H. Cleveland—*Suspenders.*80140—W. E. Clarke—*Pen Rack.*80141—H. Clendenen—*Saw Filing Machine.*80145—J. L. & D. H. Coles—*Pencil Sharpener.*80144—H. S. Cole—*Steam Generator.*80139—E. W. Clark—*Double Buckle.*80146—J. C. Conklin—*Pickaxe.*80147—C. M. Cooney—*Perforated Bake Pan.*80143—Z. E. Coffin—*Hydrant.*

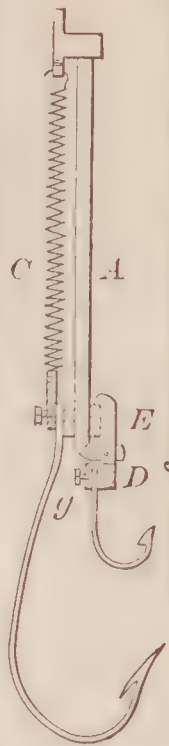
80149—J. P. Drake—*For Evaporating Liquids.*



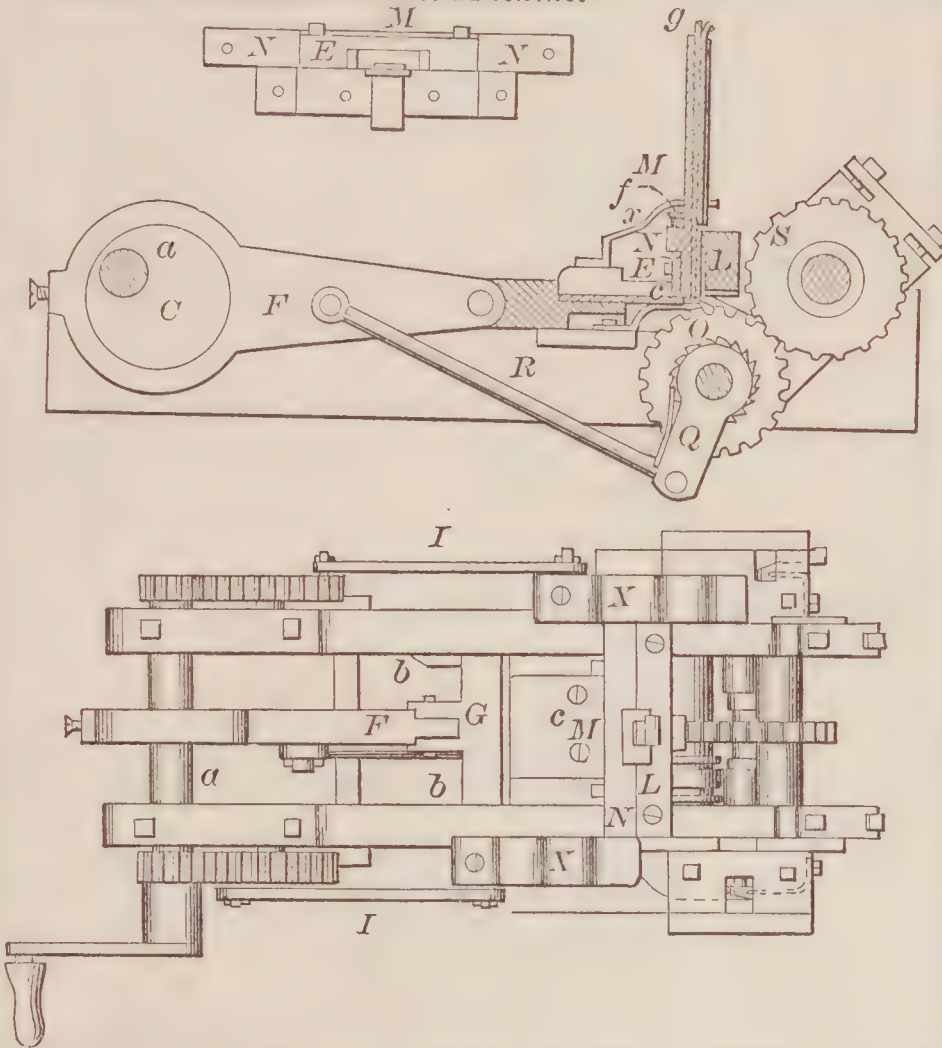
80152—L. Derby—*Thill Coupling.*



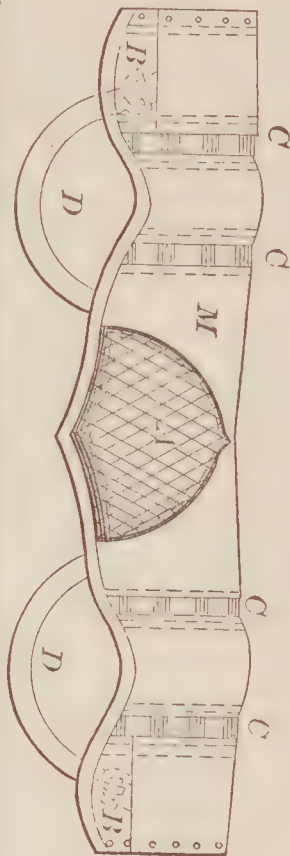
80151—A. A. Dennett—*Fishing Tackle.*



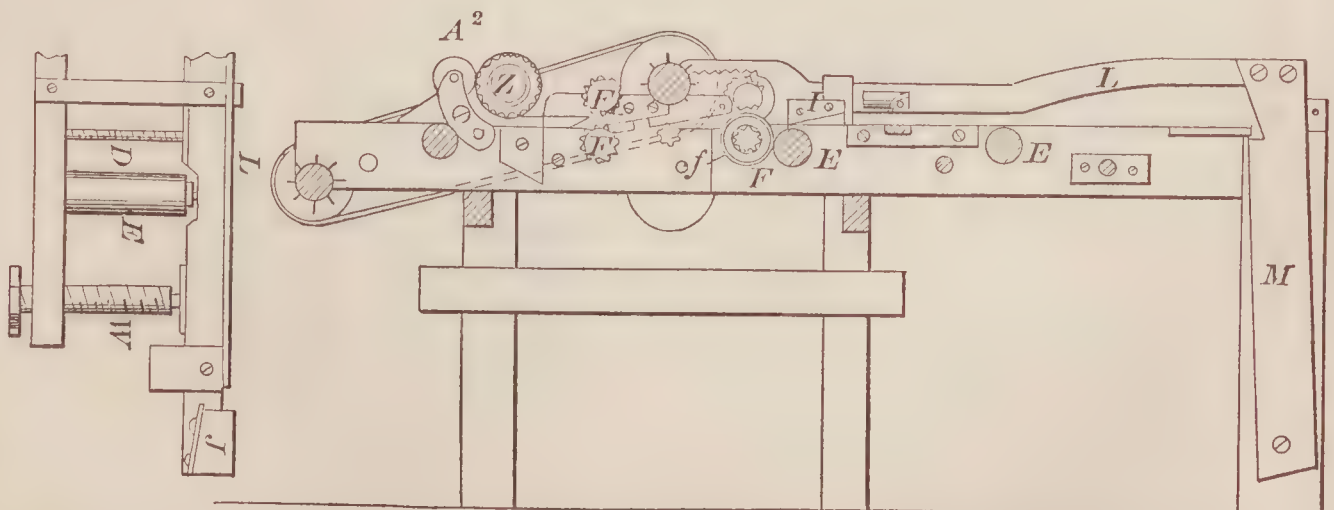
80150—F. Davison—*Nail Machine.*



80153—A. Dickson—*Uterine Supporter.*

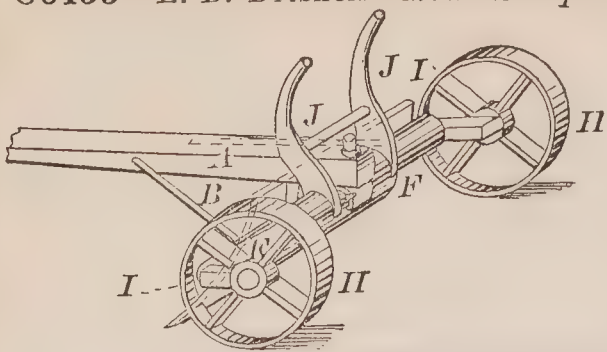


80154—J. Dobbins—*For Cutting Hoops from Barrels.*

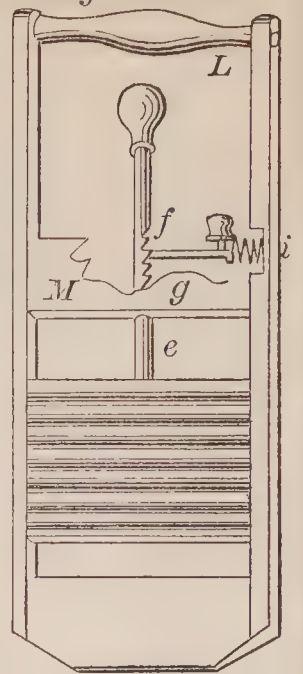
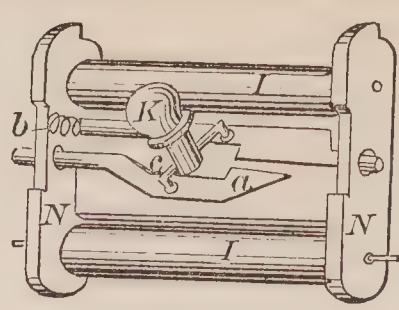




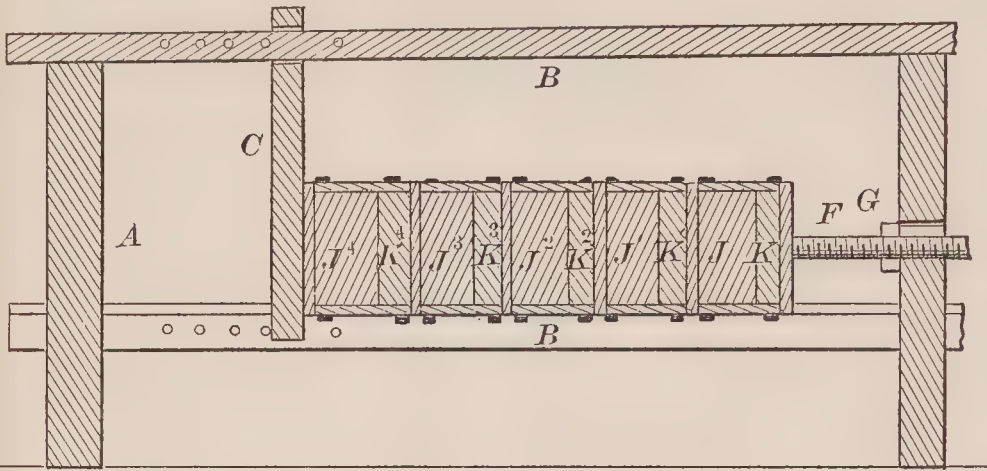
80155—E. B. Driskell—Road Scraper.



80156—J. K. Dugdale—Washing Machine.

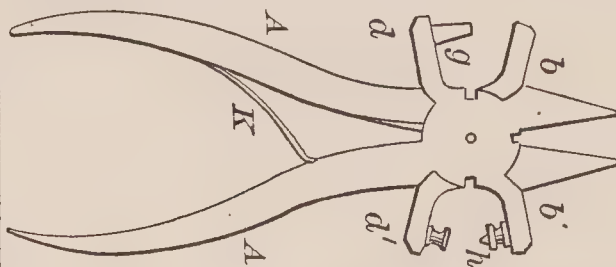


80158—M. B. Fraser—Cheese Press.



H

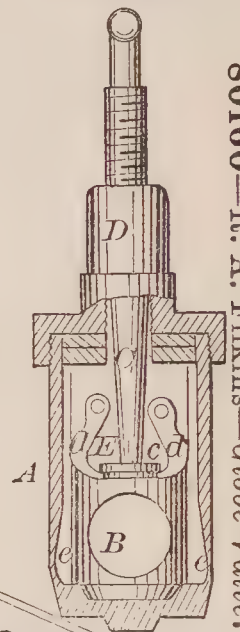
80161—W. T. Fisher—Shoemakers' Tool.



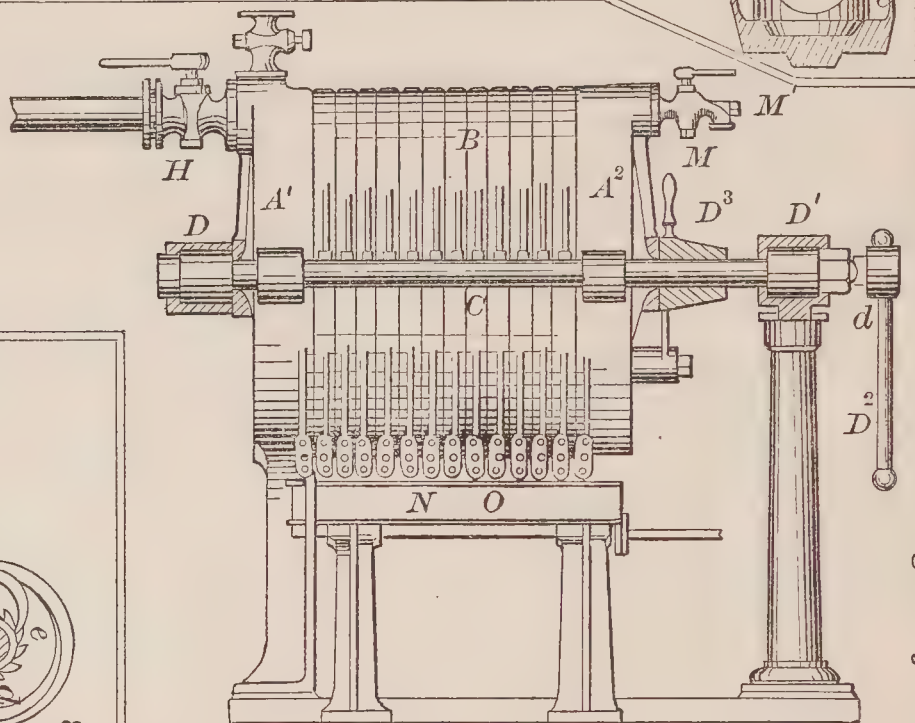
80159—A. Faller—Lounge, Bureau and Table.



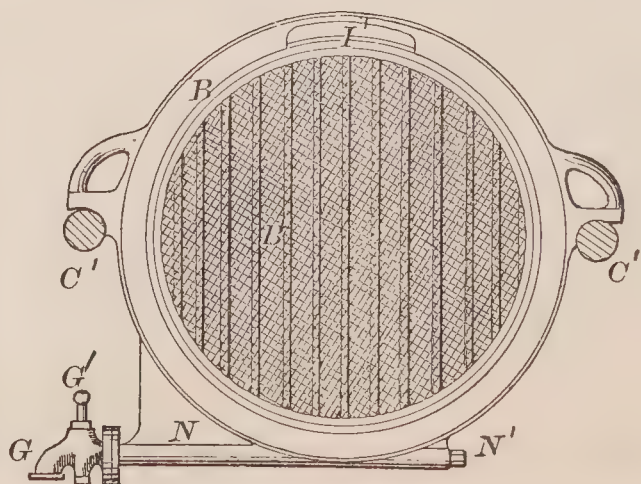
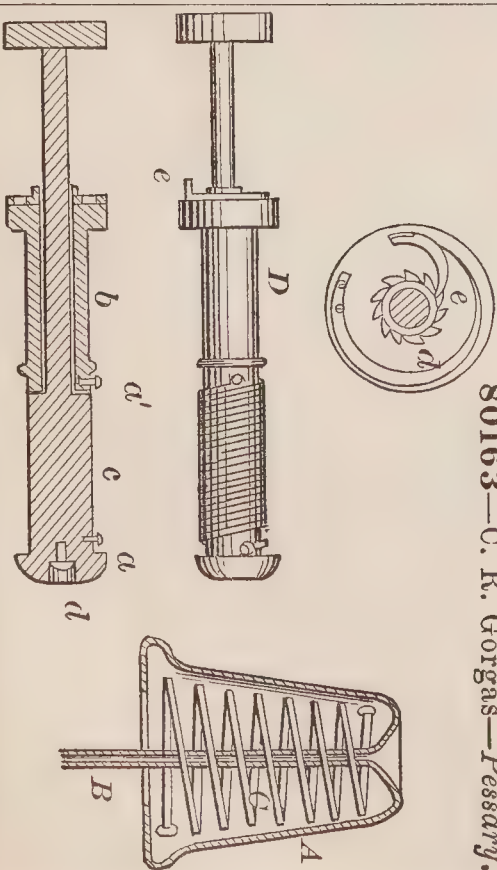
80160—R. A. Filkins—Globe Valve.



80157—Du Rieux &amp; Roettger—Cylindrical Filtering Press.

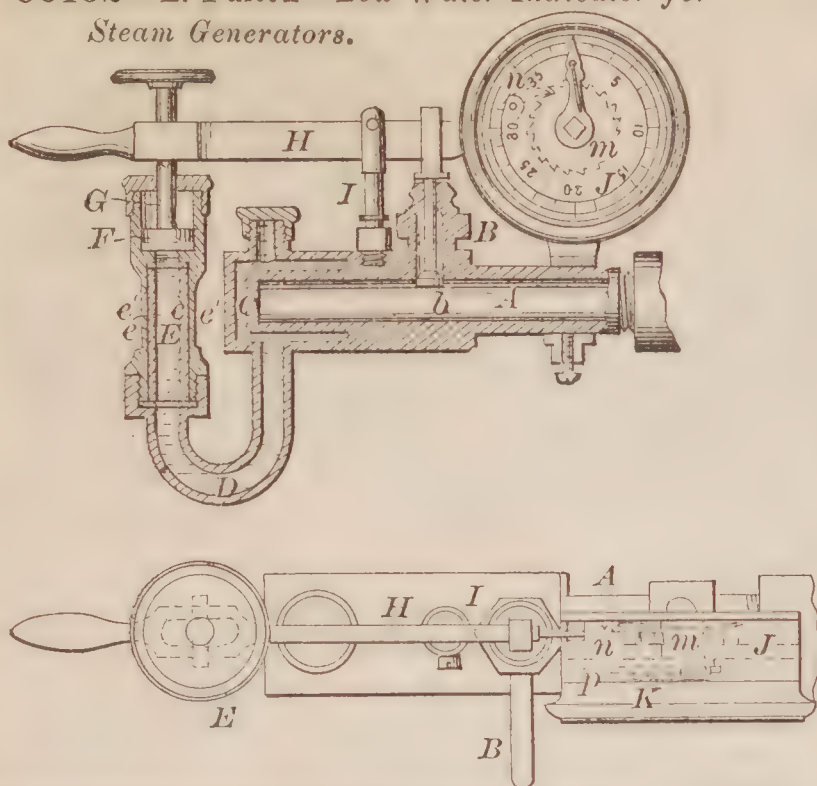
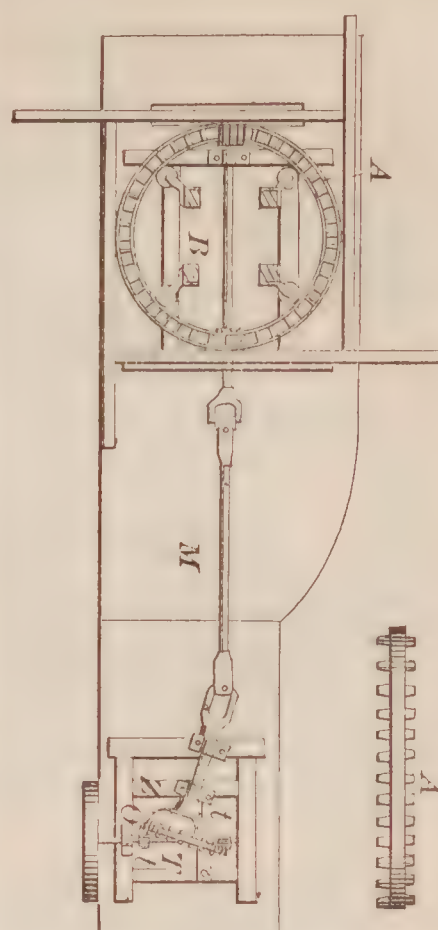


80163—C. R. Gorgas—Pessary.

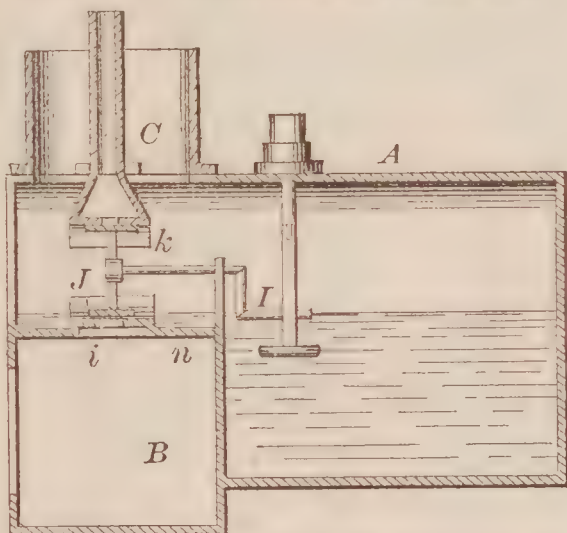




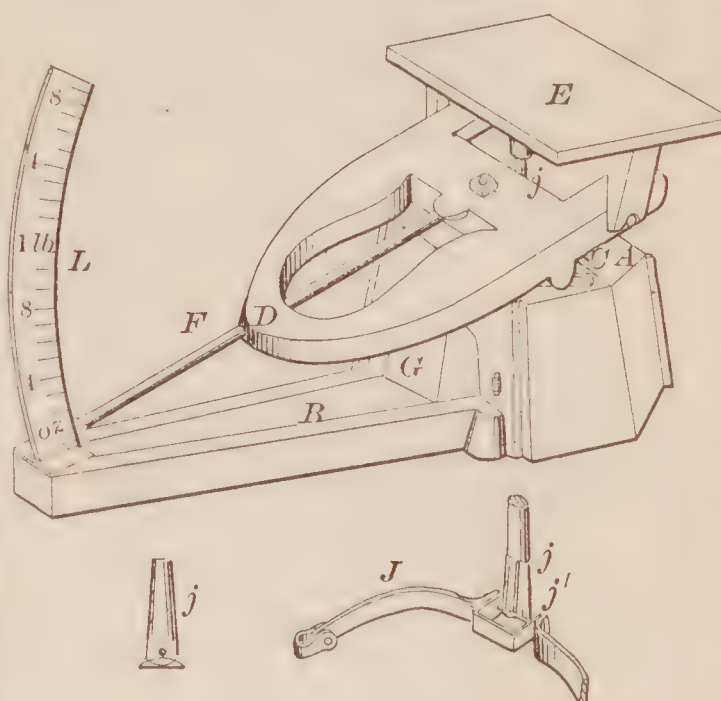
**80162**—L. Fulton—*Low Water Indicator for Steam Generators.*

80164—M. G. Groff—*Horse Power*.

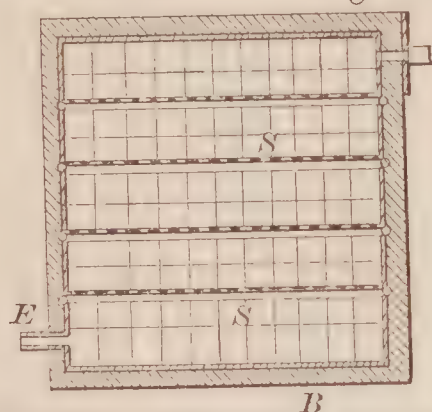
80165—G. Guy—*Steam Generator.*



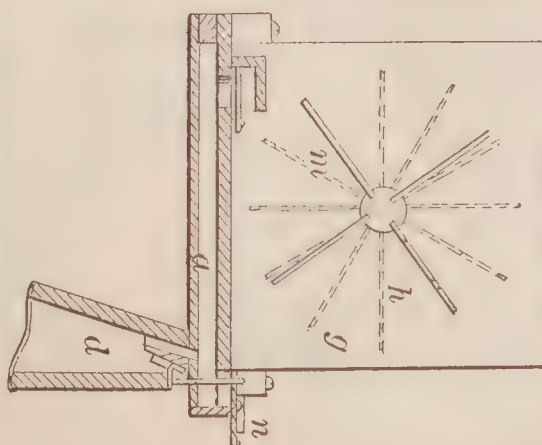
80169—S. Harris— *Weighing Scales.*



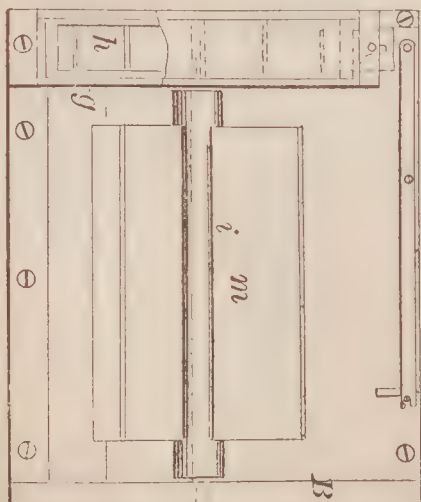
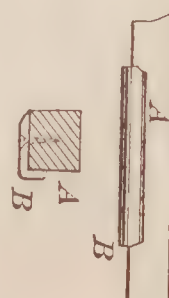
80168—H. S. Hannen—*Manufacture of White Lead.*



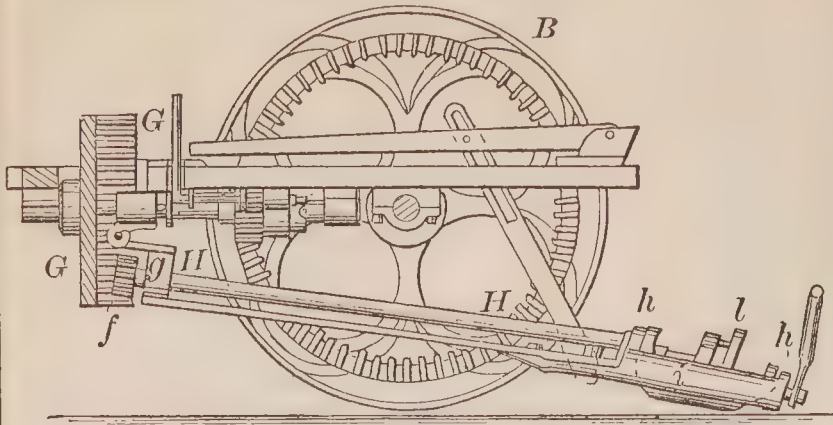
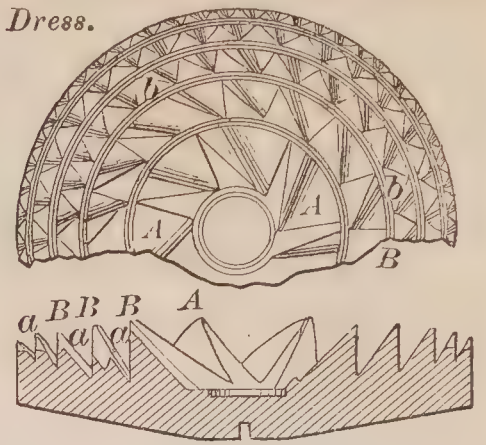
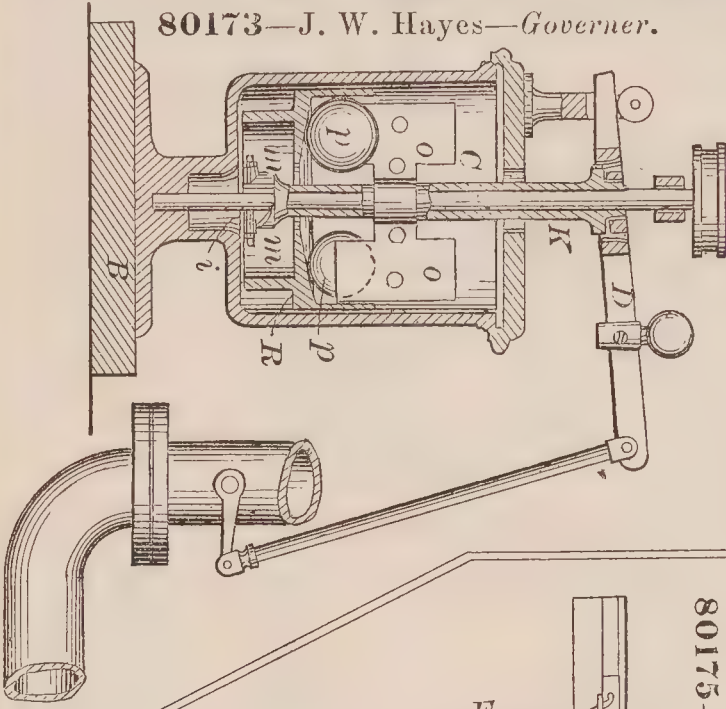
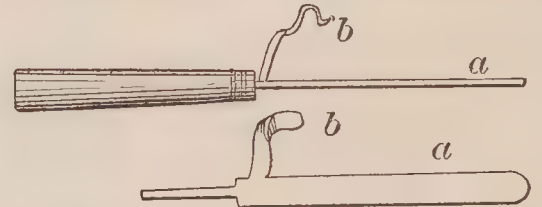
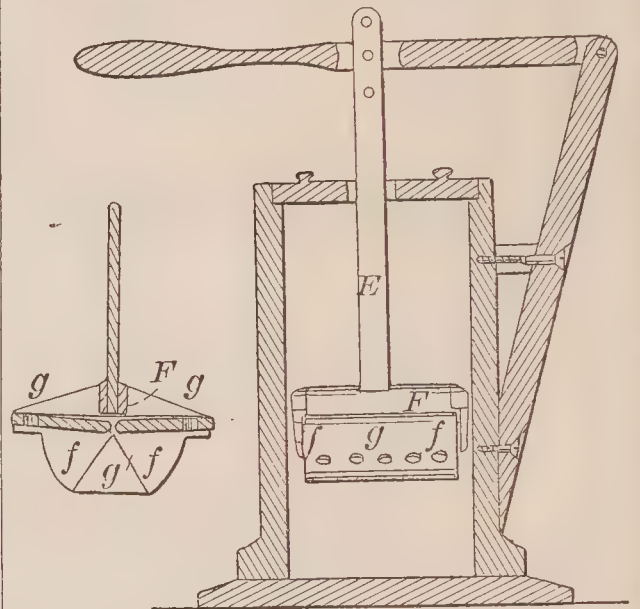
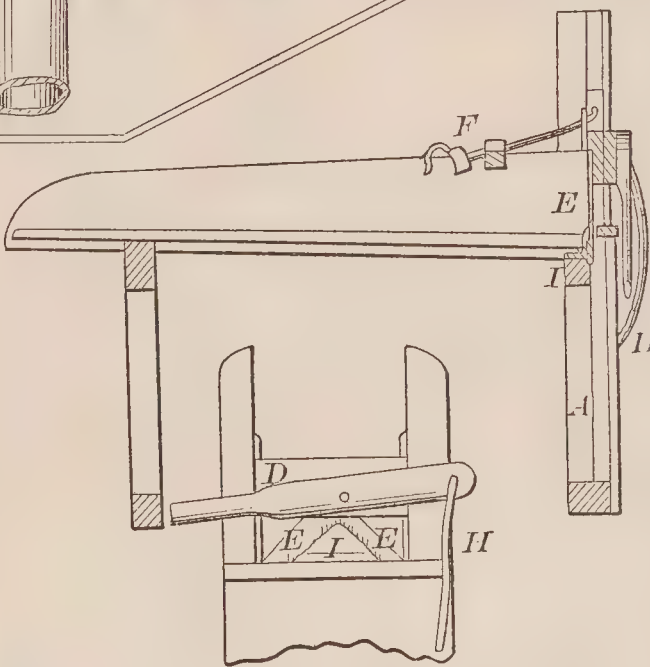
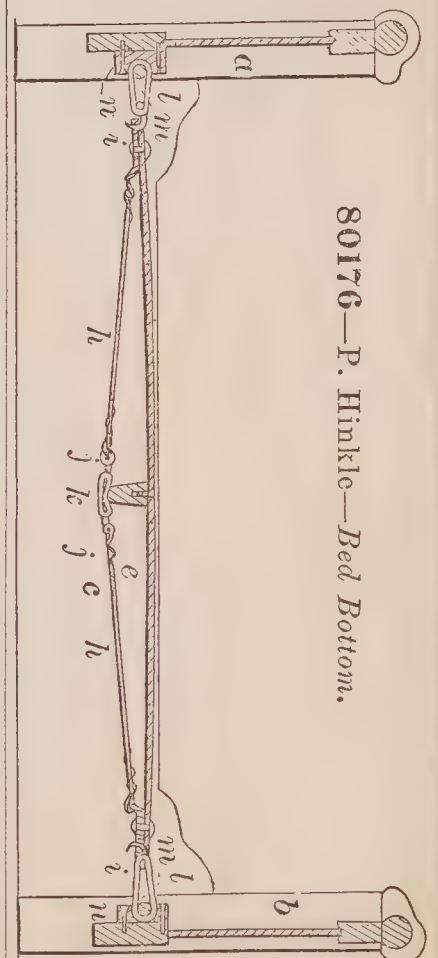
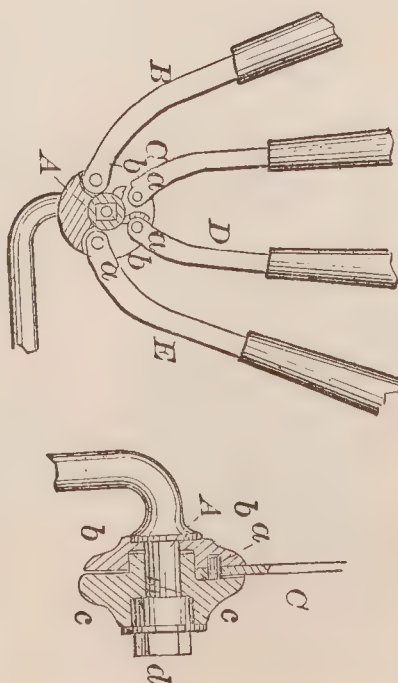
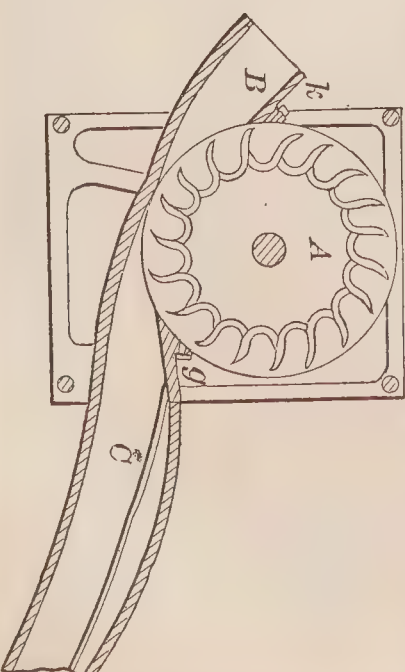
80167—E. Hamlin—*Melodeon*.



80166—E. Hackett—*Chafe Iron.*

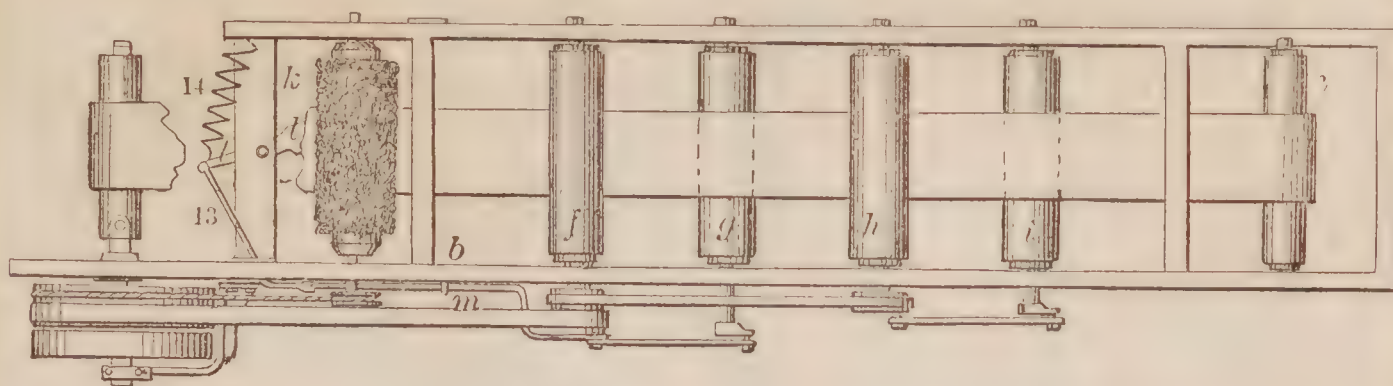




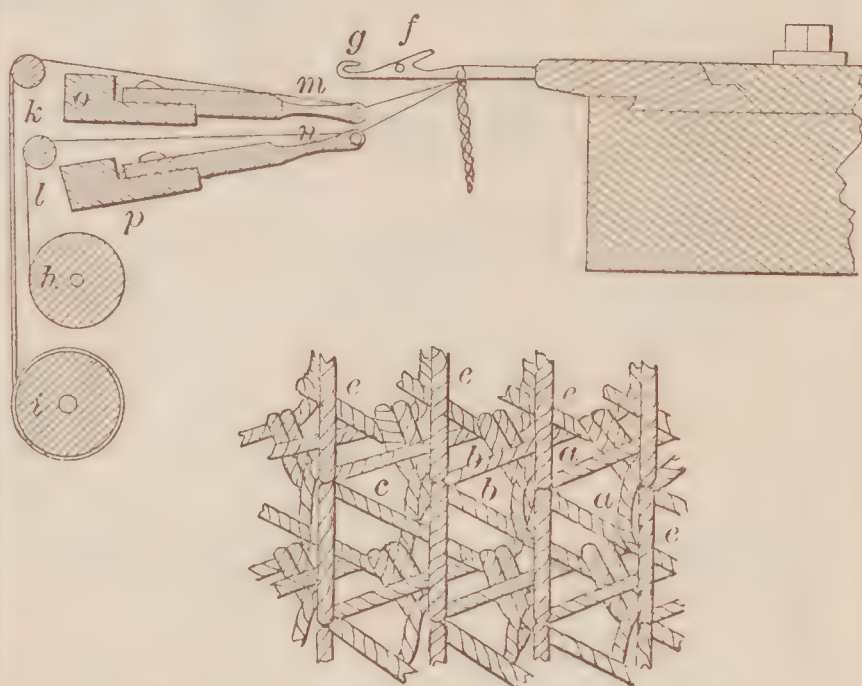
80170—W. O. Harrison—*Harvester.*80171—A. C. Hartsock—*Mill Stone Dress.*80173—J. W. Hayes—*Governor.*80172—M. M. Hatch—*Apple Corer.*80174—W. H. Henderson—*Churn.*80175—Hiles & Danner—*Stream Cutter.*80176—P. Hinkle—*Bed Bottom.*80180—W. Horrocks—*Attaching Carriage Tops.*80178—Hoyt & Denio—*Water Wheel.*



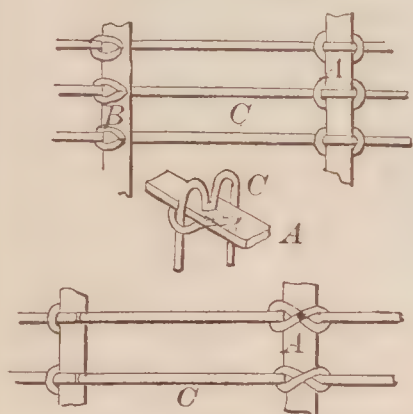
80179—C. E. L. Holmes—*For Drying and Scouring Sheet Metal.*



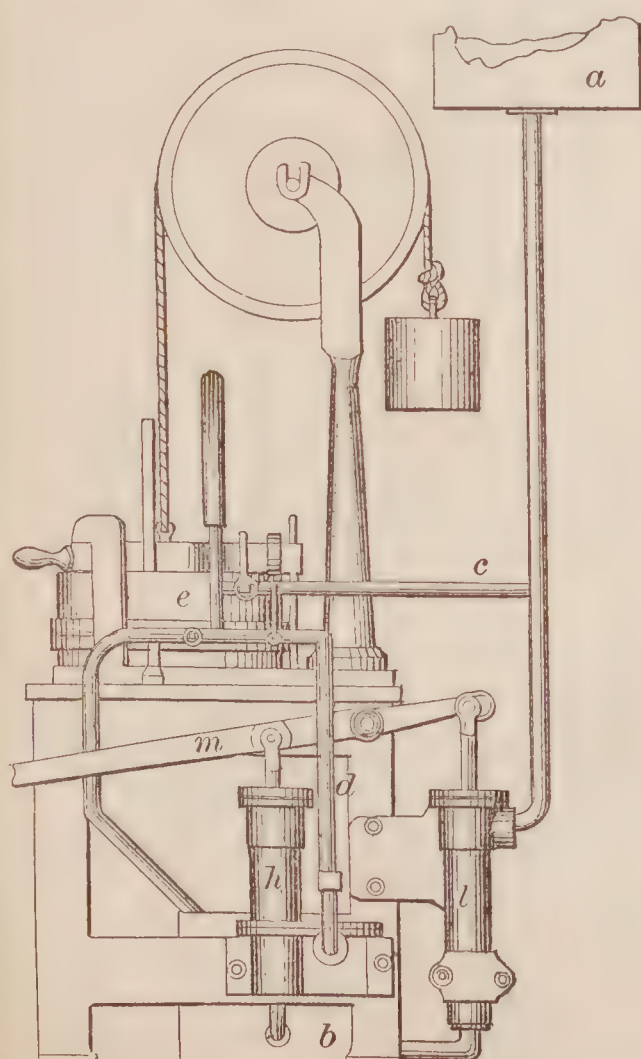
80183—G. Jelley—*Knitted Fabric.*



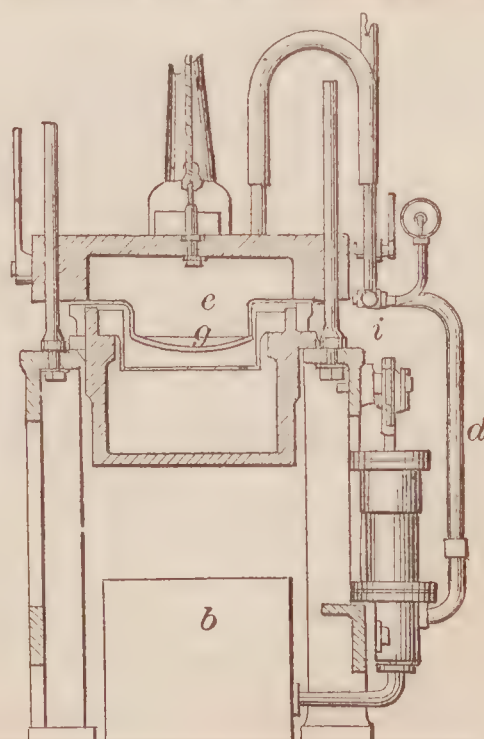
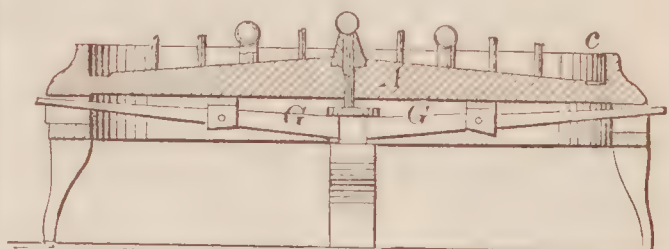
80182—D. W. Hurst—*Fly Net for Horses.*



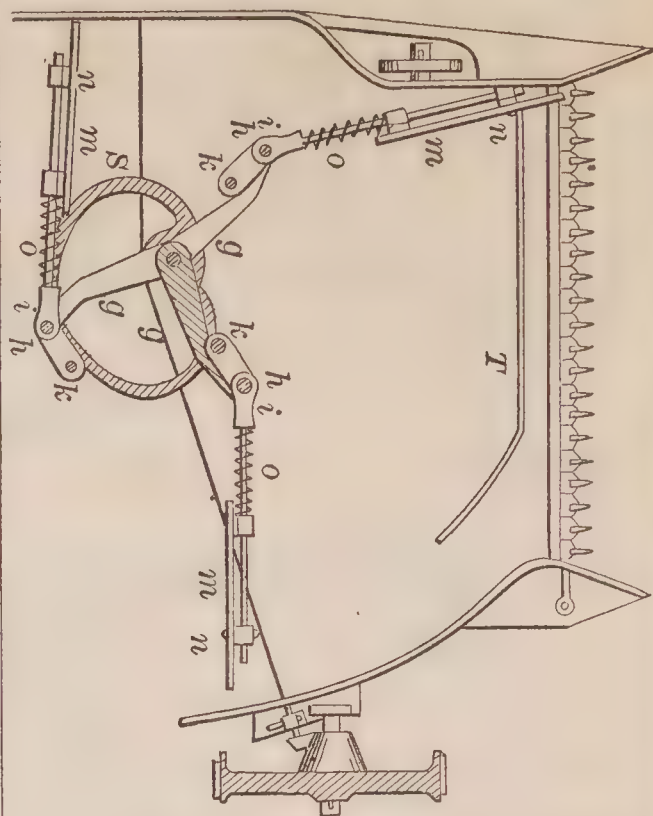
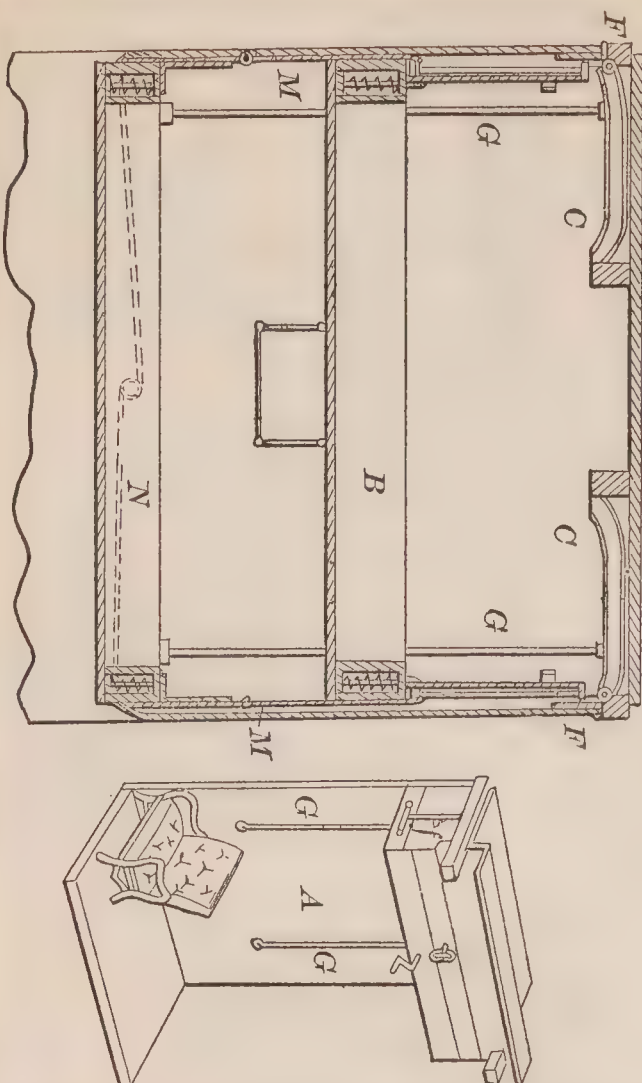
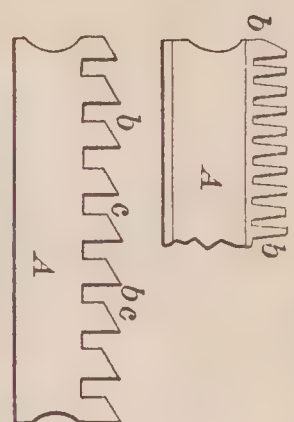
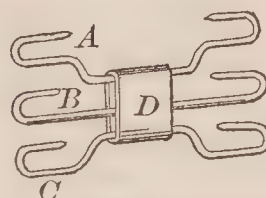
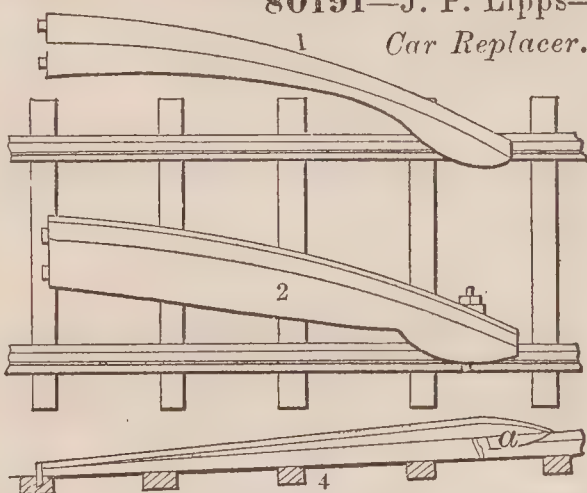
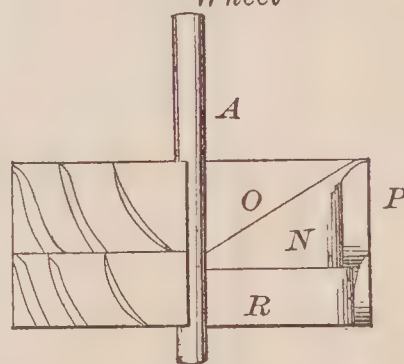
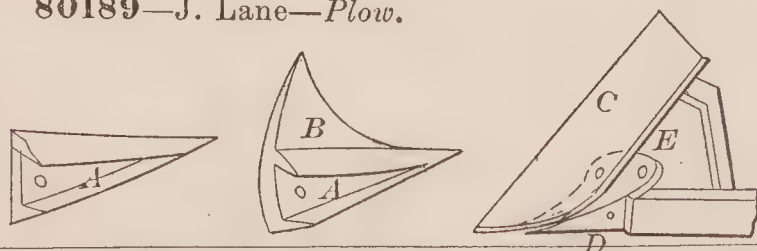
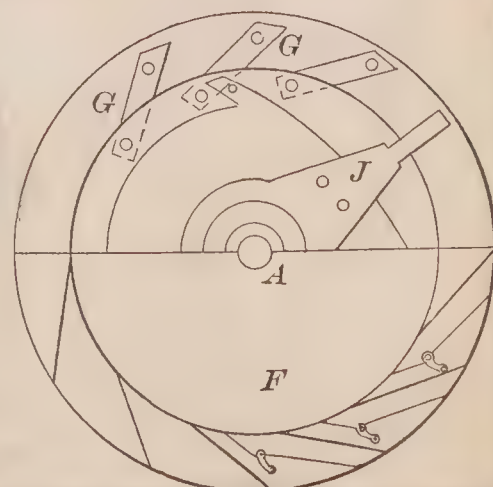
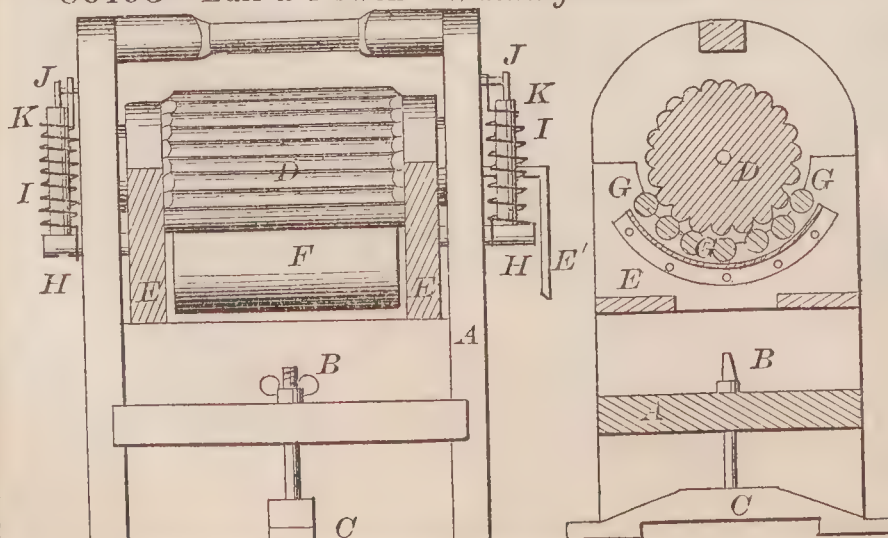
80181—S. Howard—*For Pressing Hats.*



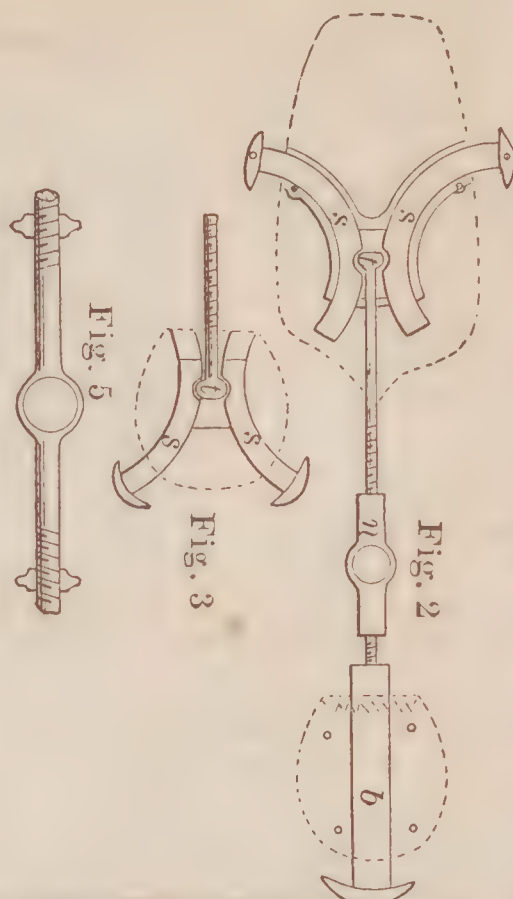
80185—W. Keil—*Game Table.*



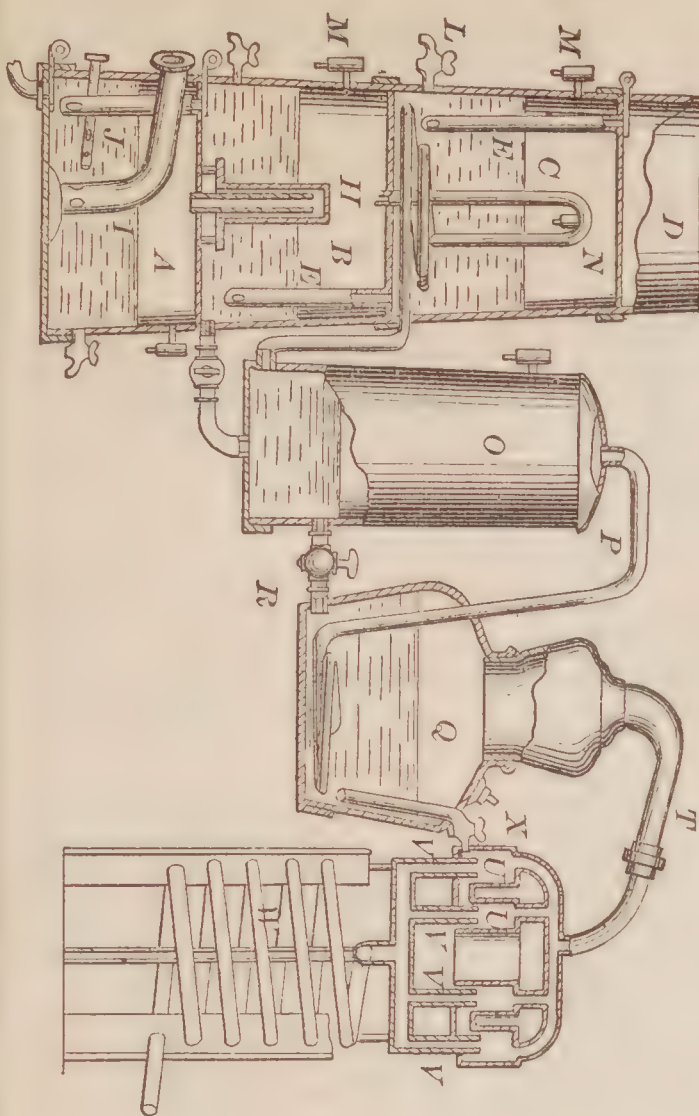


80188—I. Lancaster—*Harvester Rake.*80184—A. Judson—*Sleeping Berth for Railroad Cars.*80190—J. W. Latcher—*Curry Comb.*80187—W. Knowles—*Shawl Pin.*80191—J. P. Lipps—*Car Replacer.*80186—W. Kennedy—*Water Wheel.*80189—J. Lane—*Plow.*80193—Lull & Bowen—*Washing Machine.*

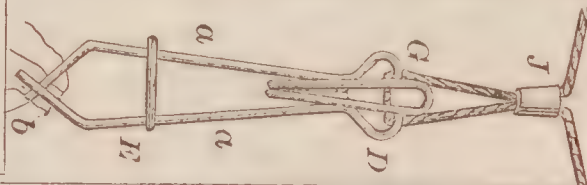
80195—E. C. Maylor—*Slate Fastening.*



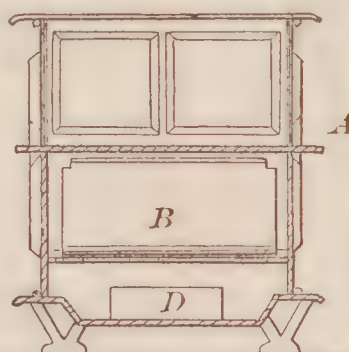
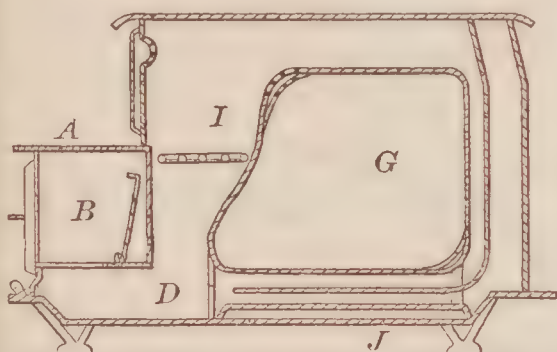
80192—H. C. Lloyd—*Still.*



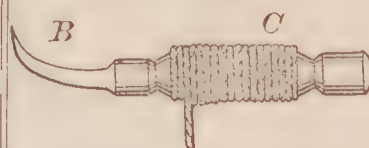
80196—G. McFadden—*Satchel Holder.*



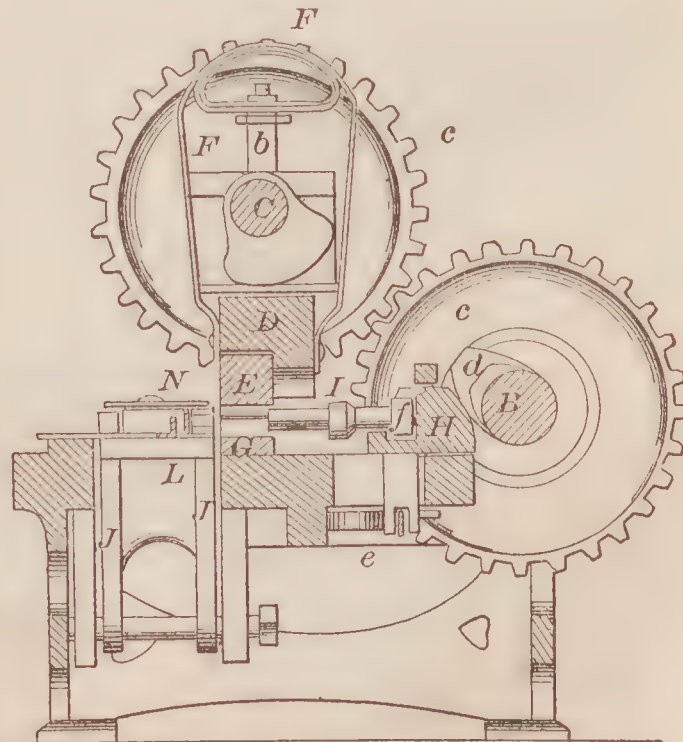
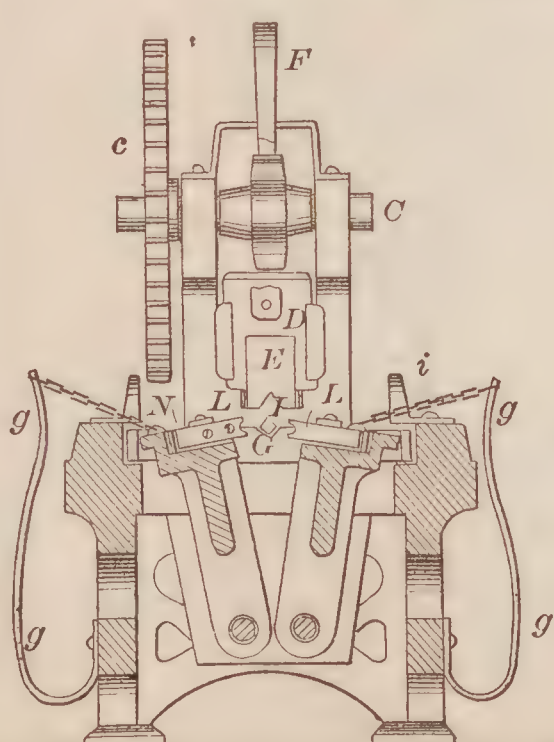
80194—J. Magee—*Cooking Stove.*



80197—L. H. Mealey—*Paper Sack Knife.*

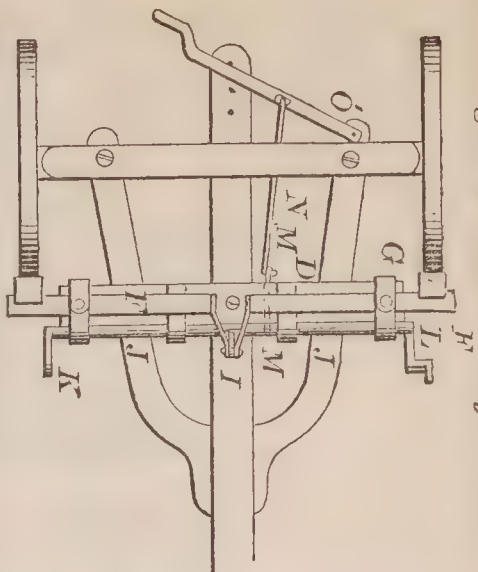


80198—W. Melvell—*For Heading Bolts.*

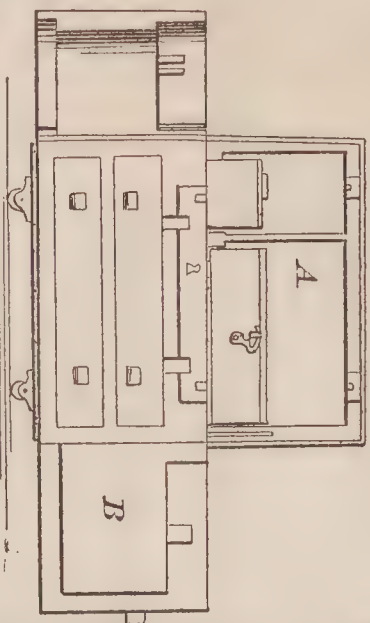
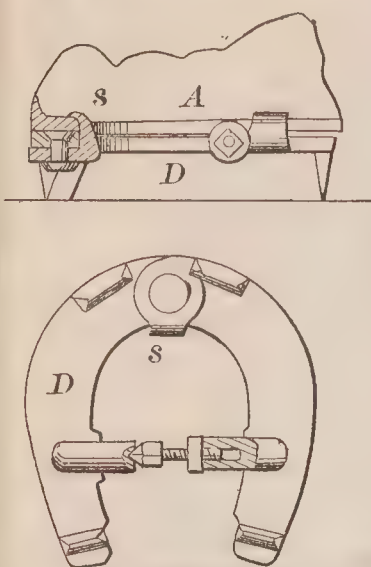




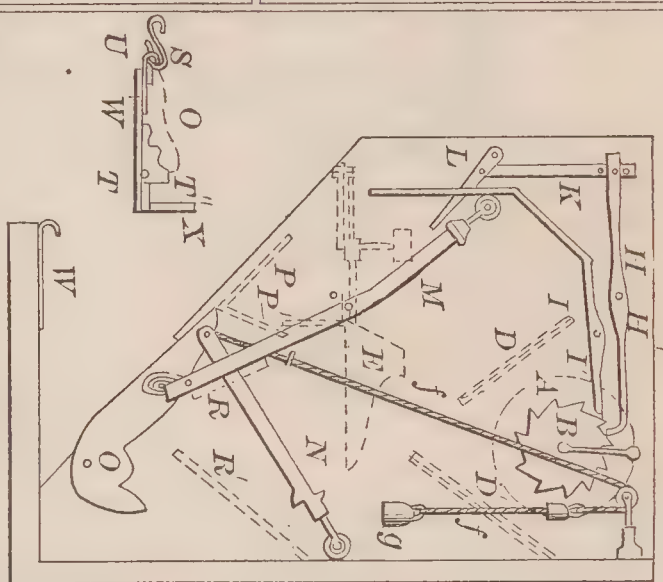
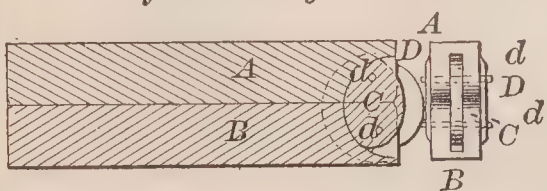
80201—Morgan &amp; Terrell—Wagon Brake.



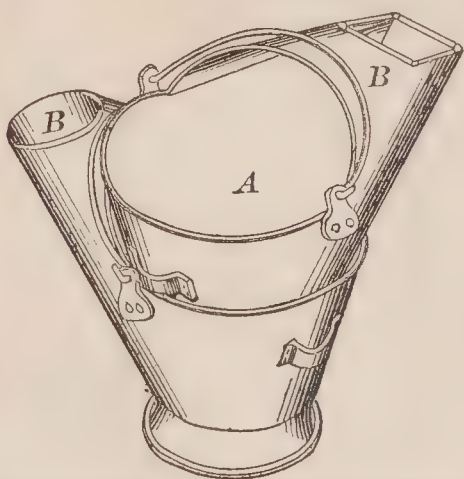
80200—A. L. Mora—Bureau Trunk.

80199—  
G. B. Milligan—  
Horse Shoe.

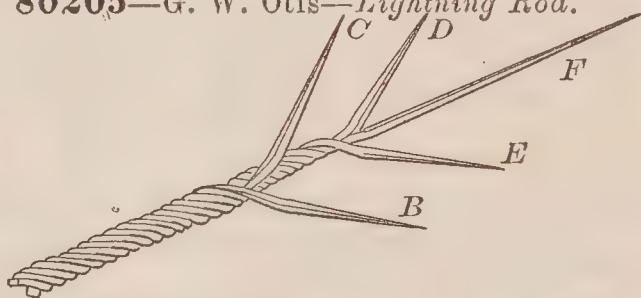
80204—C. Müller—Cigar Machine.

80202—F. B. Morse—Stump Joint  
for Carriages.

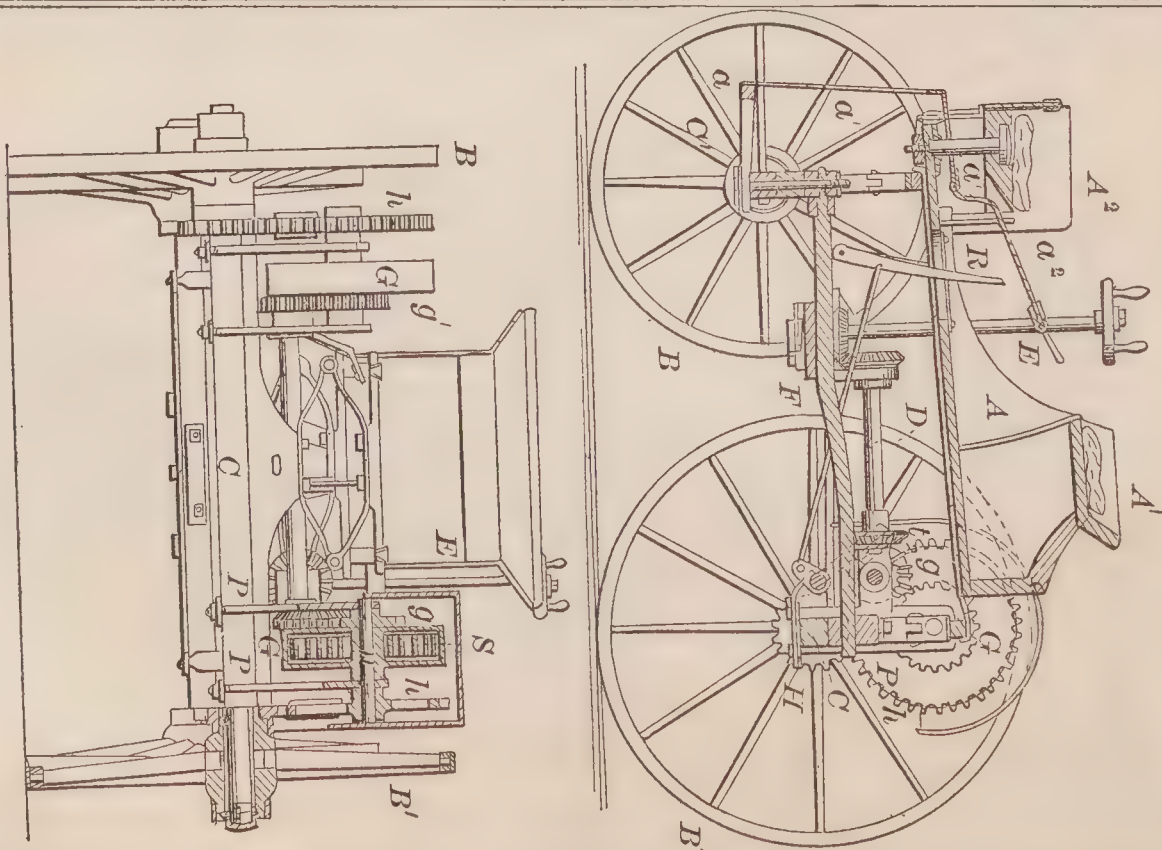
80203—O. Morse—Coal Scuttle.



80205—G. W. Otis—Lightning Rod.

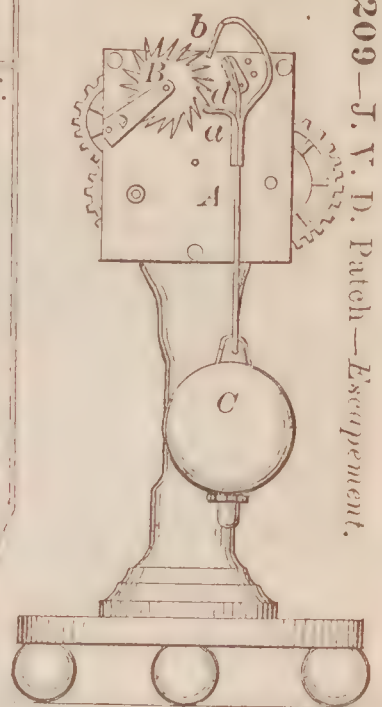


80206—O. D. Padrick—Self-Propelling Vehicle.

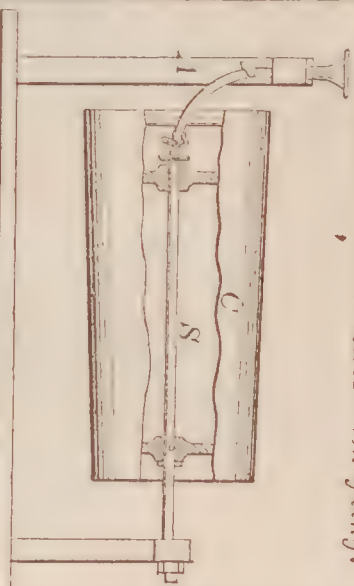




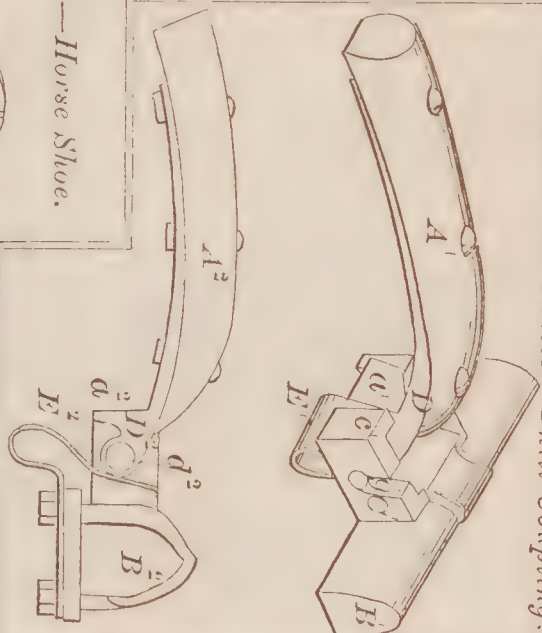
80209—J. V. D. Patch—*Escapement.*



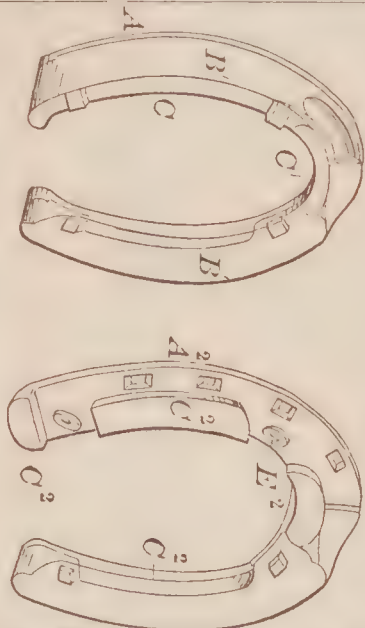
80212—L. B. Pitcher—*Shafting.*



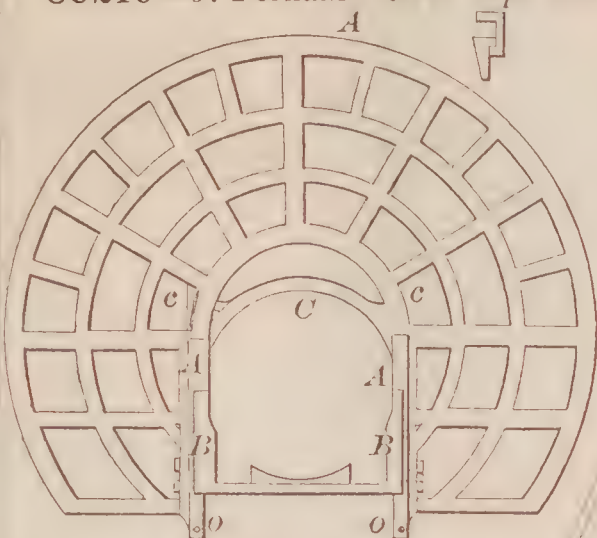
80214—I. R. Potter—*Thill Coupling.*



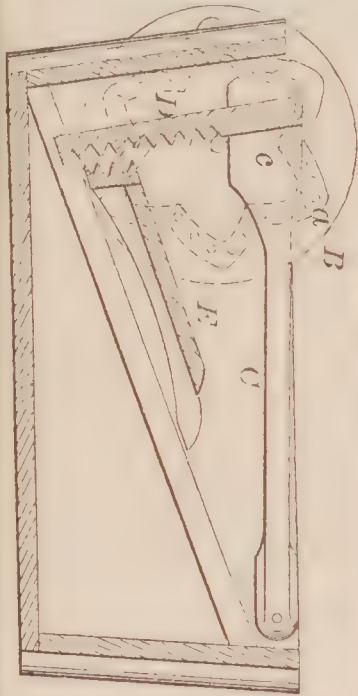
80213—I. R. Potter—*Horse Shoe.*



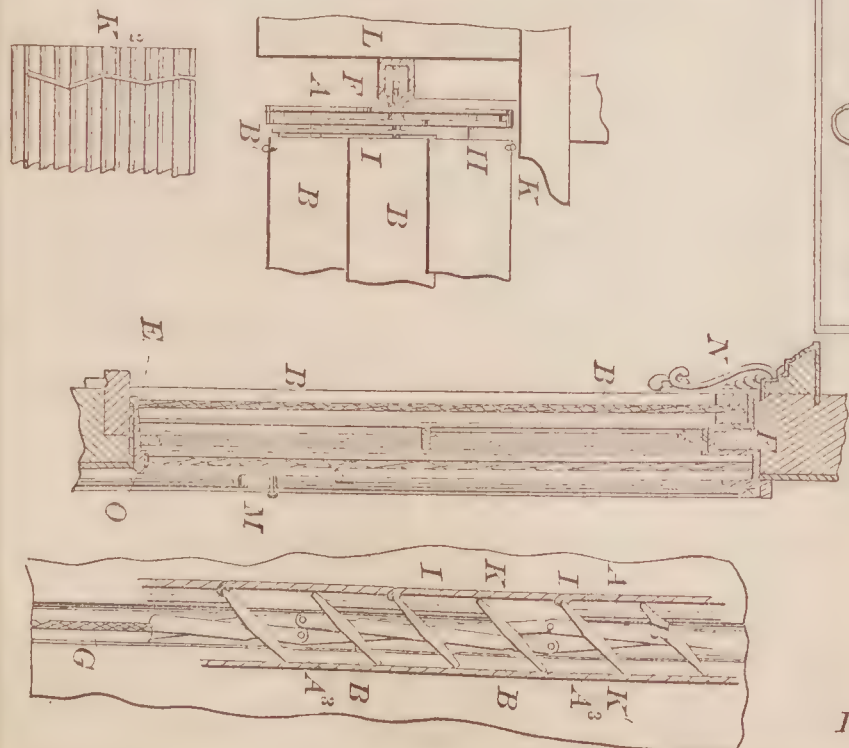
80210—J. Perham—*Store Pipe Shelf.*



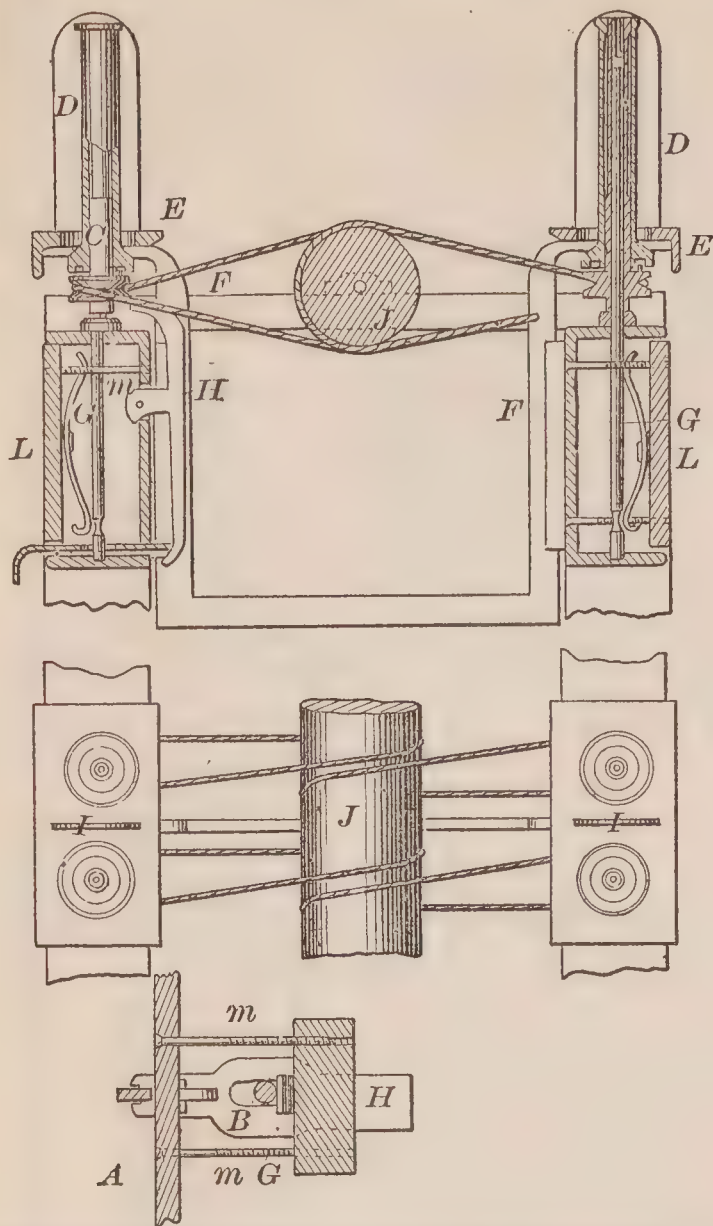
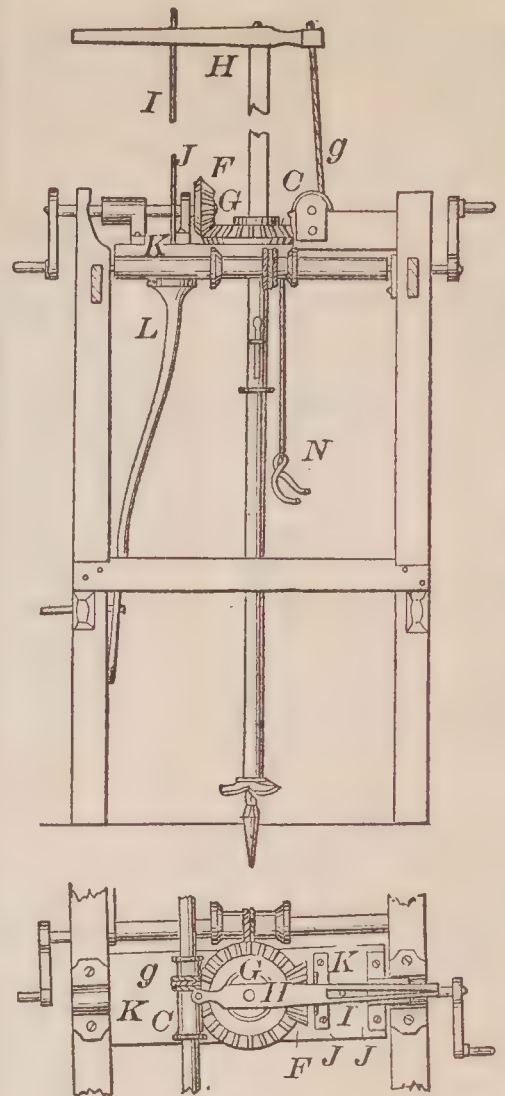
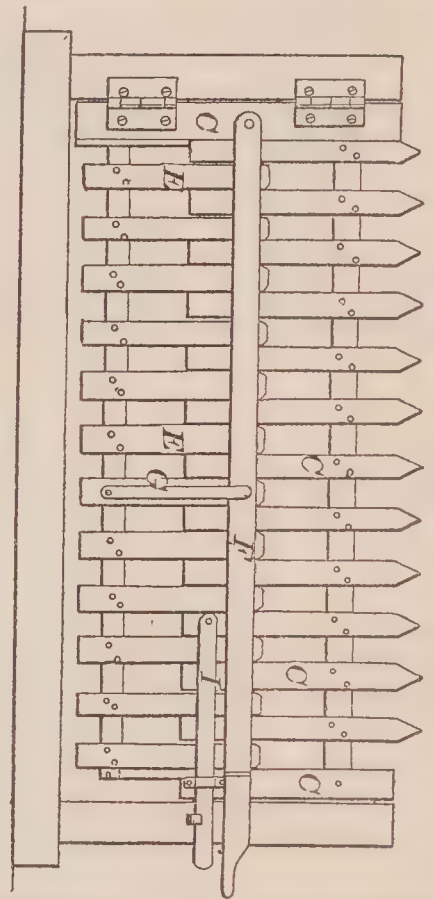
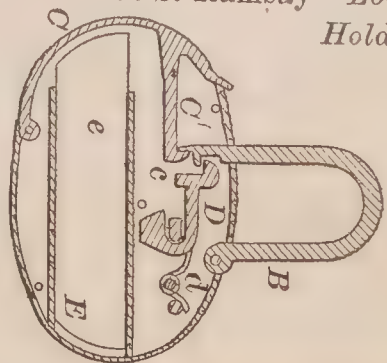
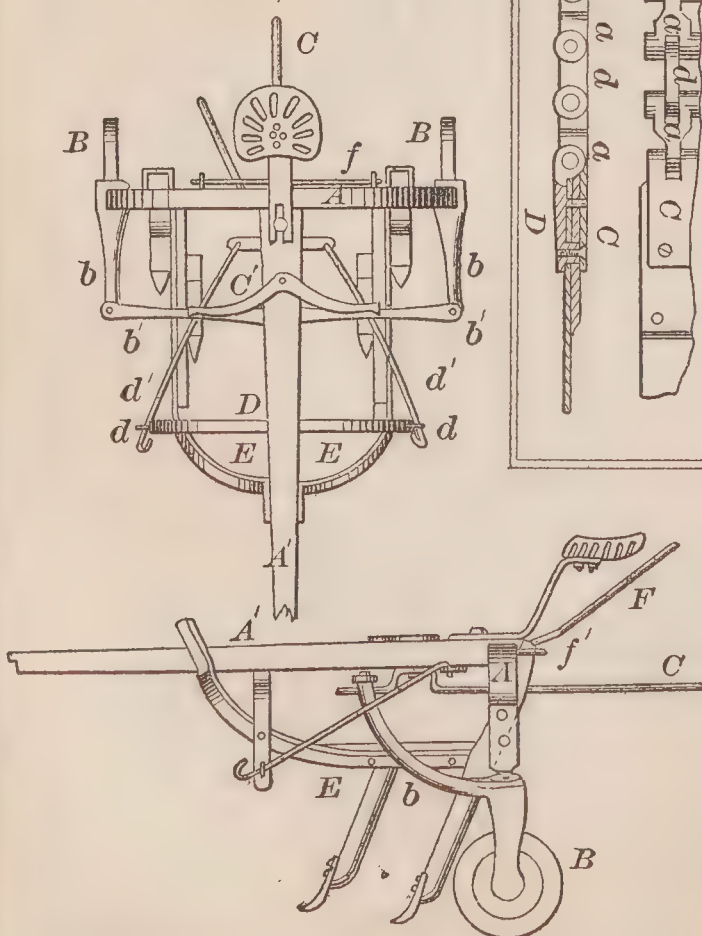
80211—J. Phillips, Jr.—*Washing Machine.*



80215—N. Poulson—*Movable Window Blind.*

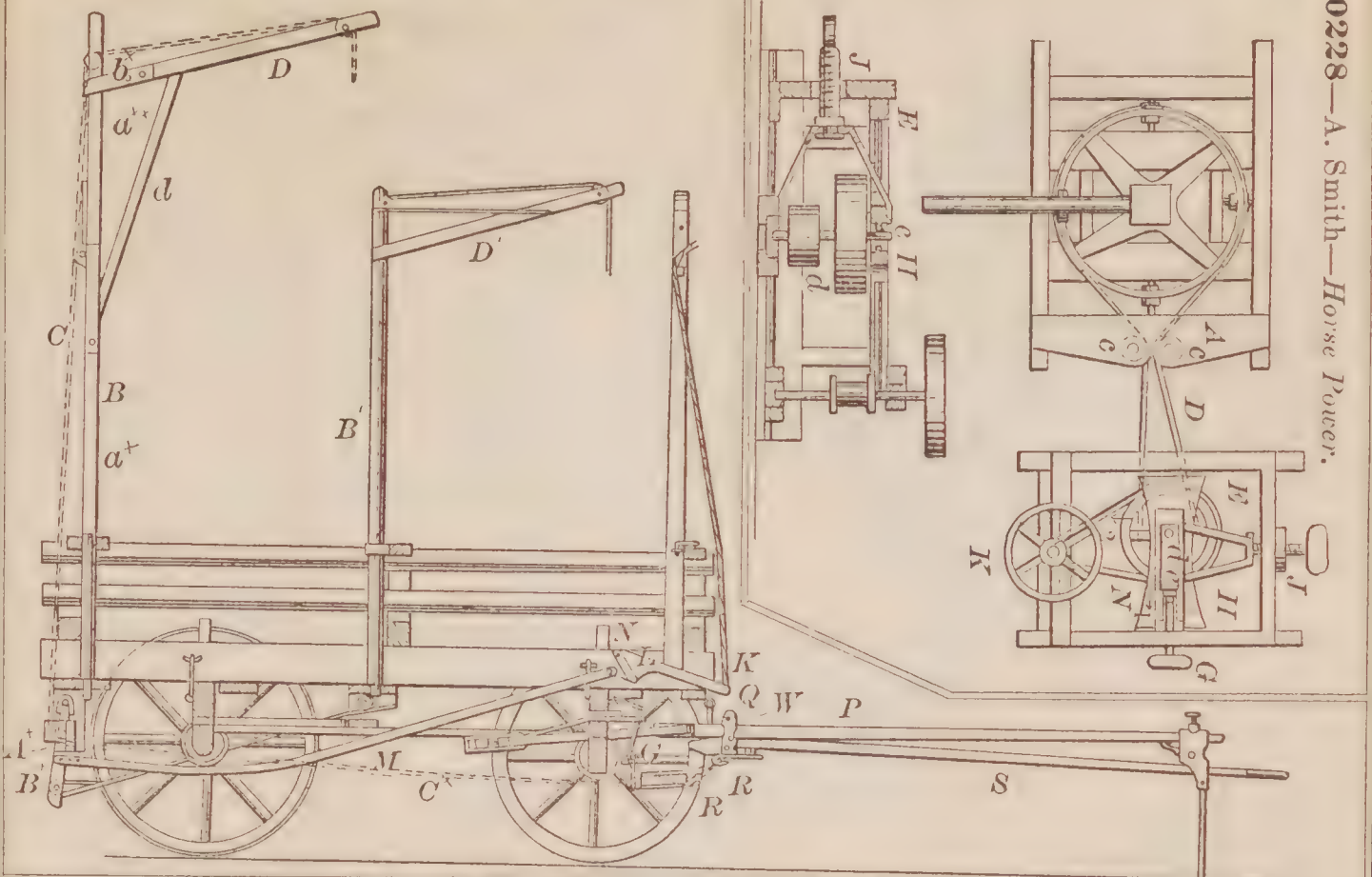




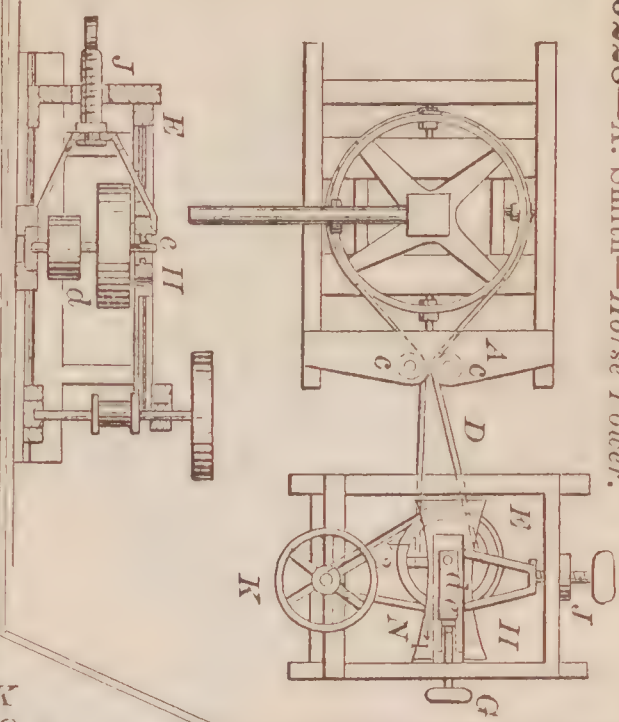
80216—J. M., L. & E. Pusey—*Spinning Machine.*80217—J. E. Race—*Earth Boring Machine.*80220—H. K. Raub—*Gate.*80218—J. S. Ramsay—*Lock Label Holder.*80221—S. J. Reed—*Plow.*80219—B. D. Randelman—*Clasp for Joining Belts.*



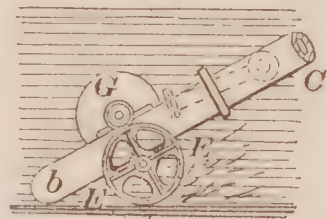
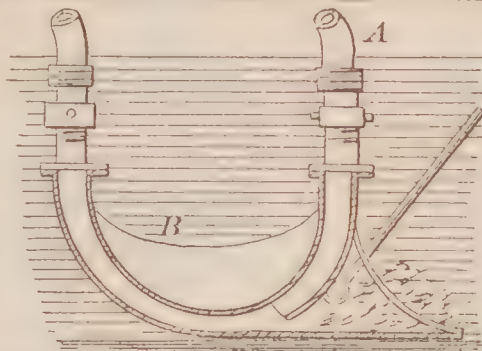
80222—F. M. Reynolds—*Hay Loader.*



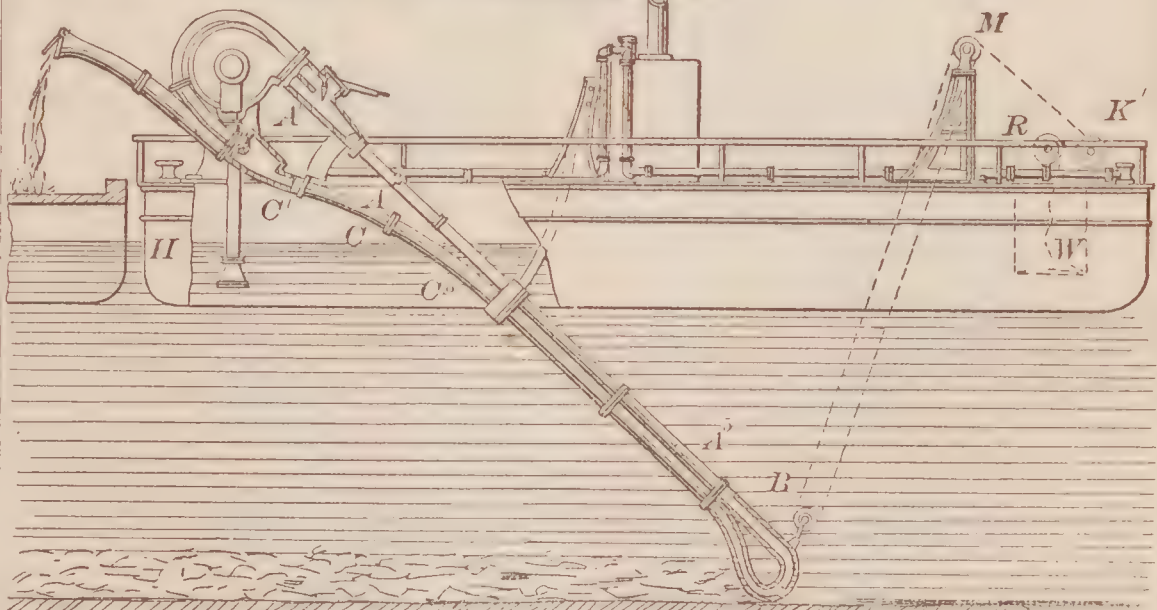
80228—A. Smith—*Horse Power.*



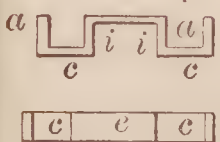
80224—E. Ripley—*Button Fastener.*



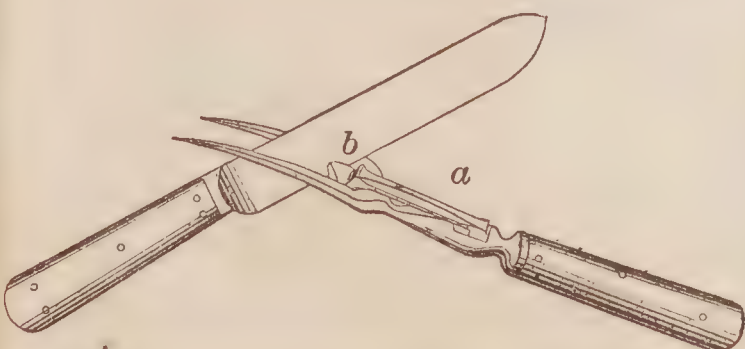
80225—J. Robertson—*Excavating Machine.*



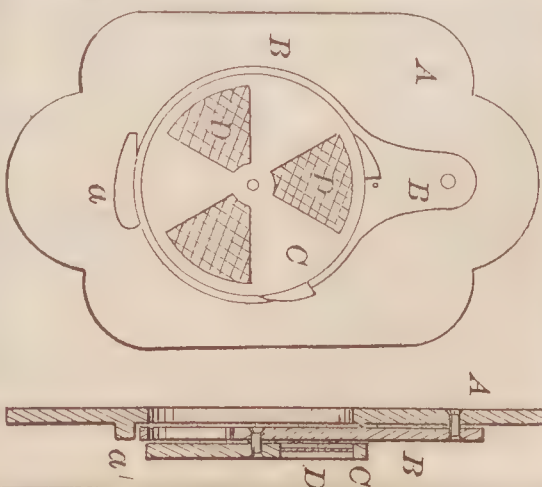
80227—E. F. Sherman—*Belt Hook.*



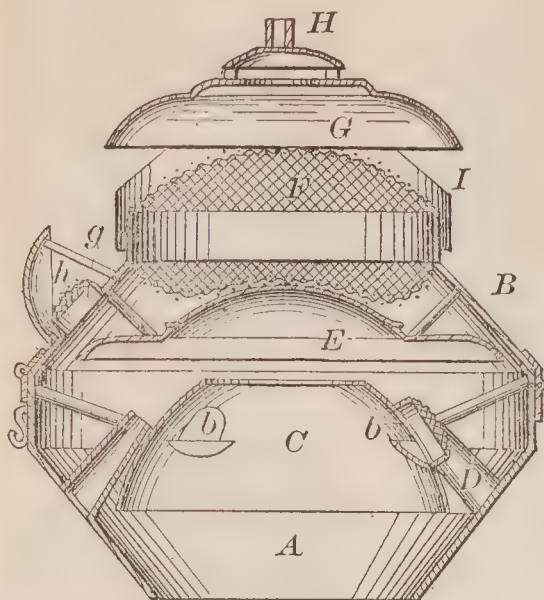
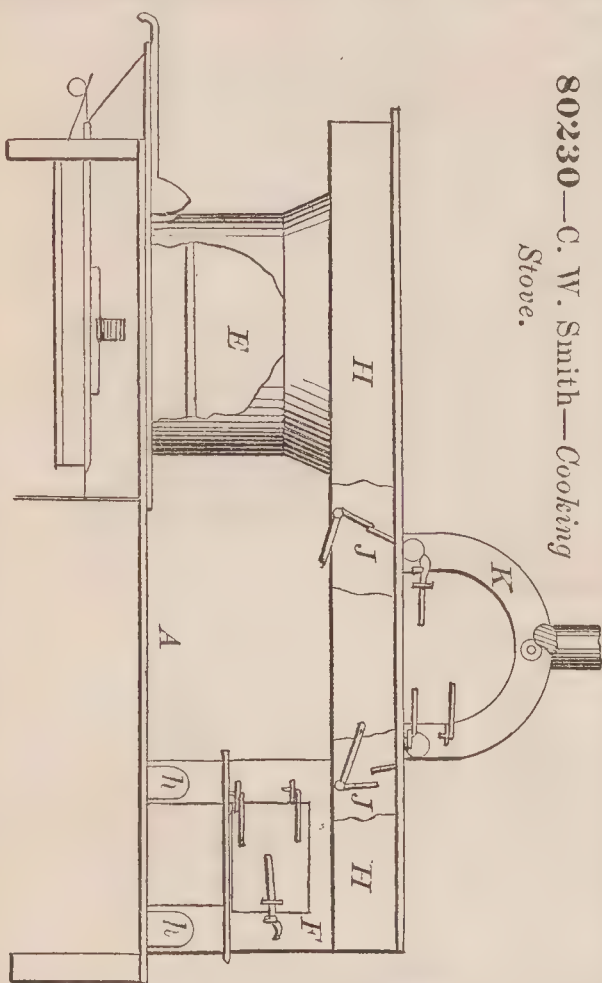
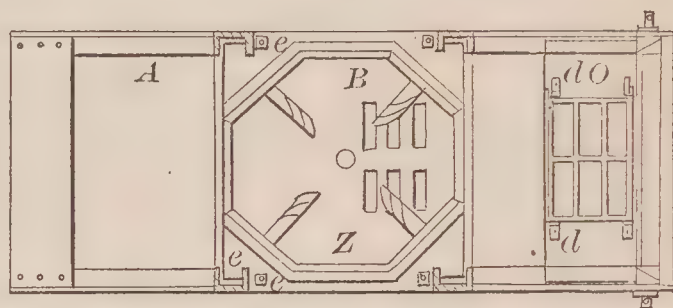
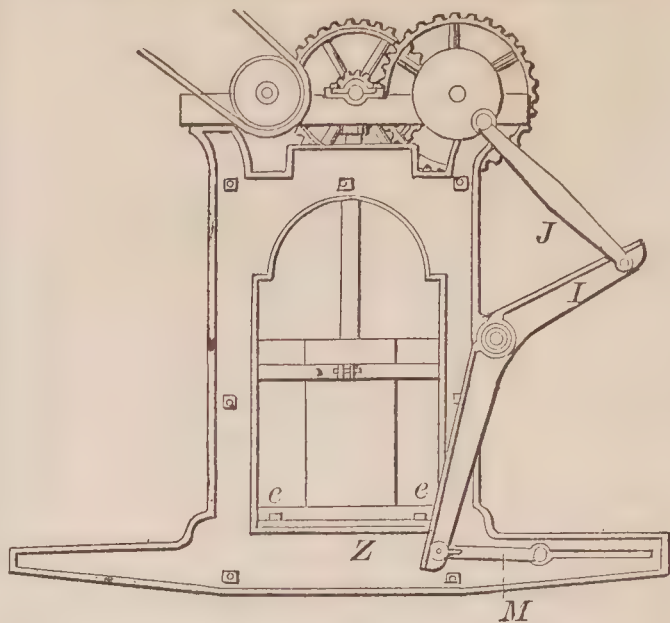
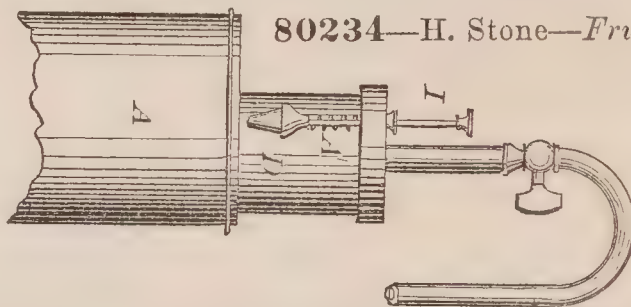
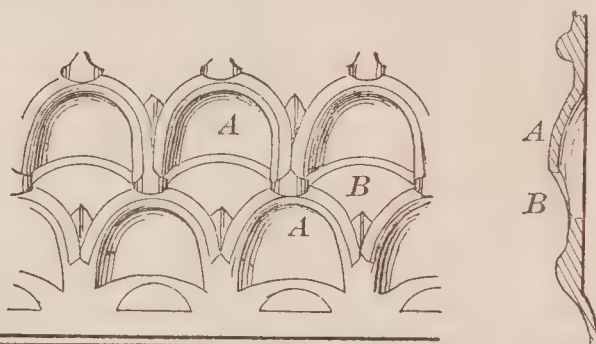
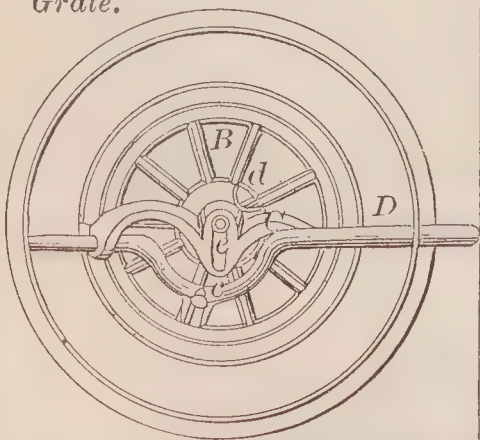
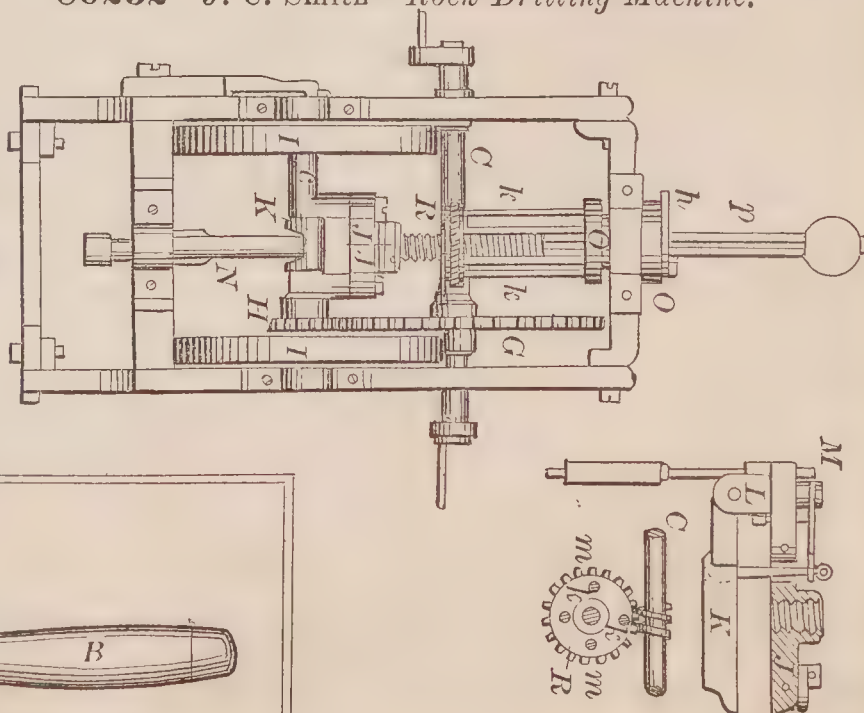
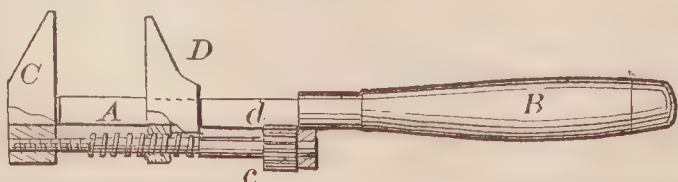
80226—E. S. Seofield—*Carving Fork and Knife Sharpener.*



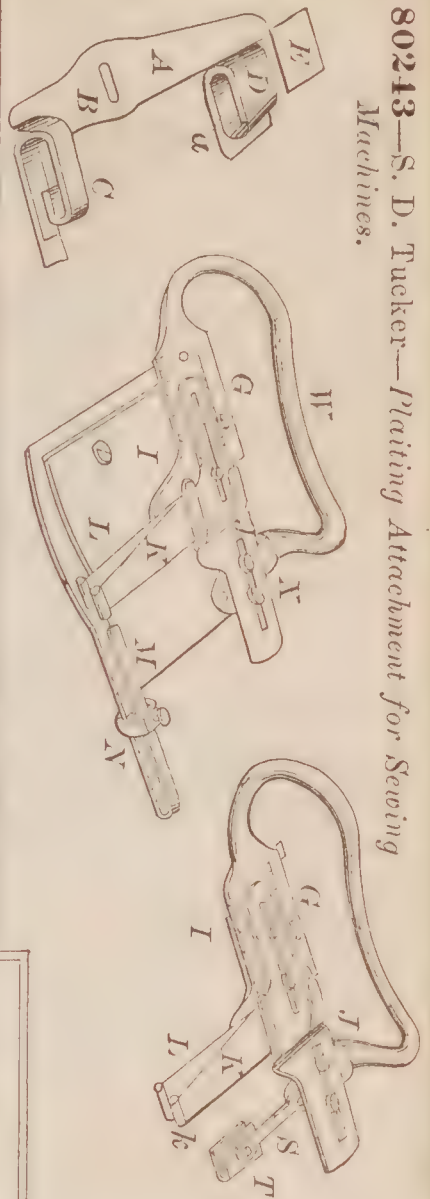
80223—J. C. Rhodes—*Damper.*



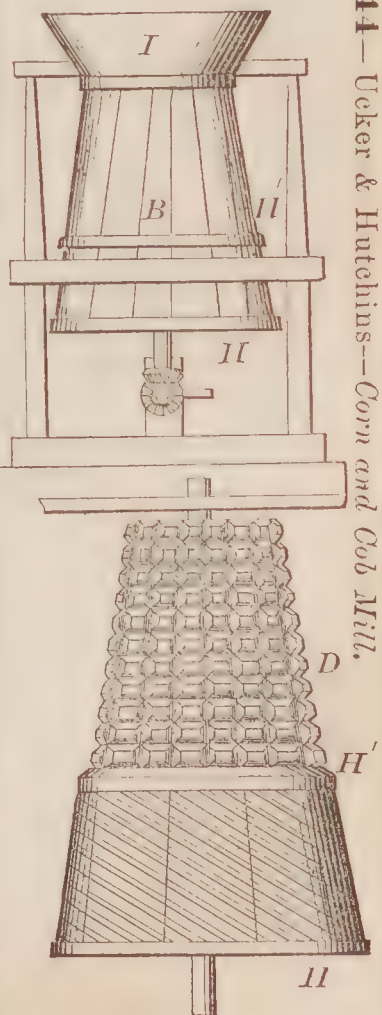


80229—A. F. Smith—*Spark Arrester.*80231—F. H. Smith—*Brick Machine.*80230—C. W. Smith—*Cooking Stove.*80234—H. Stone—*Fruit Jar.*80235—Stuart & Wemyss—*Stove Plate.*80233—J. C. Smith—*Stove Grate.*80232—J. C. Smith—*Rock Drilling Machine.*80237—G. C. Taft—*Wrench.*

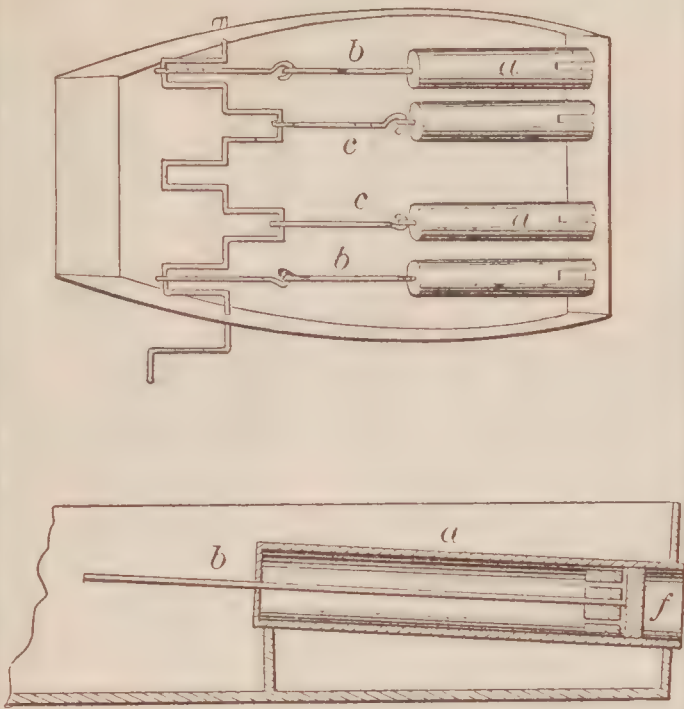
80243—S. D. Tucker—*Plating Attachment for Sewing Machines.*



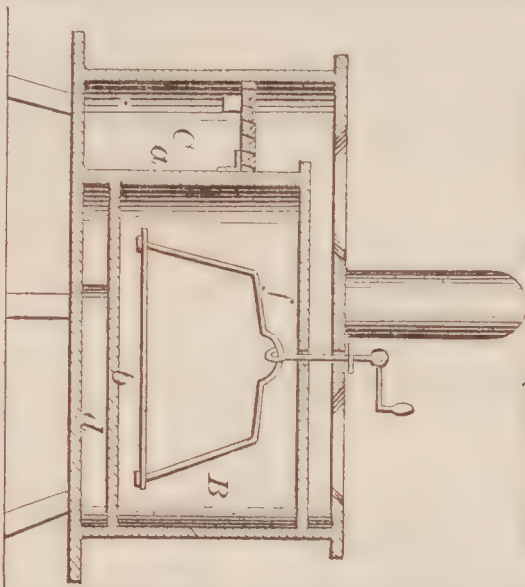
80244—Ucker & Hutchins—*Corn and Cob Mill.*



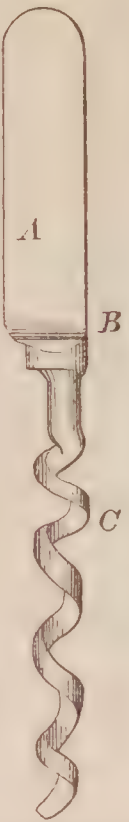
80239—O. Tenny—*Propelling Vessels.*



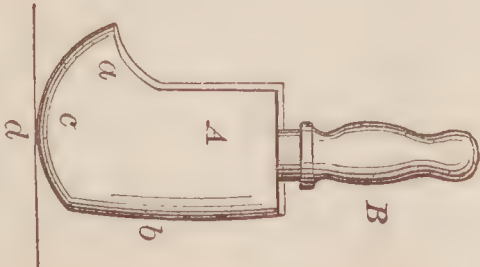
80240—E. O. Thomas—*Store.*



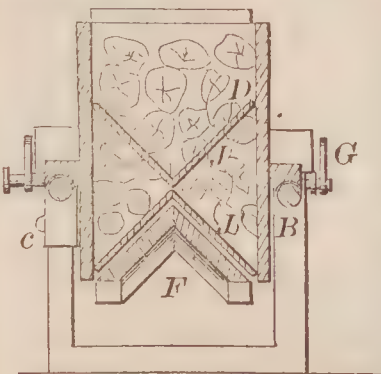
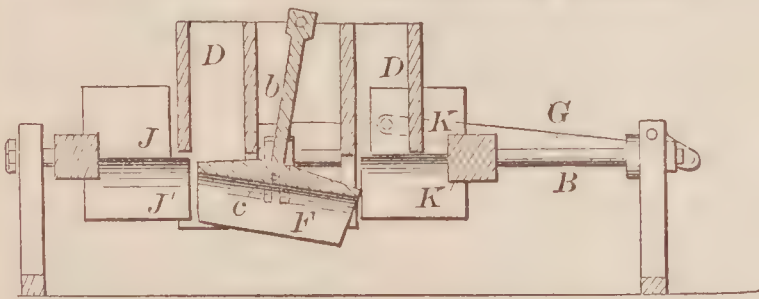
80238—A. L. Taylor—*Cutlery.*



80242—S. J. Tongue—*Mincing Cleaver.*



80241—L. Tilton—*Wood Splitting Machine.*

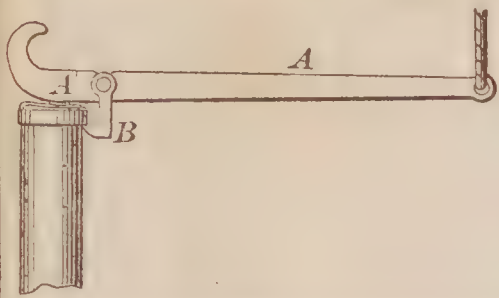




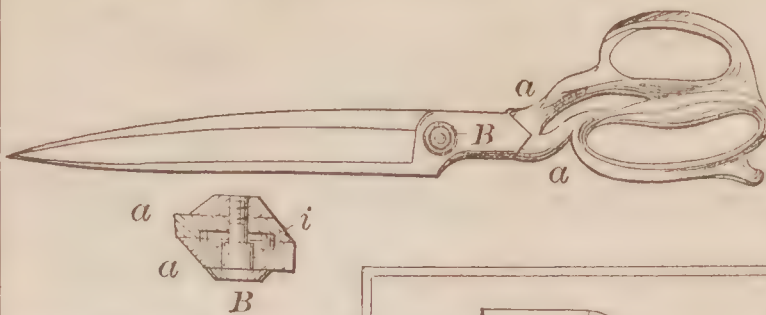




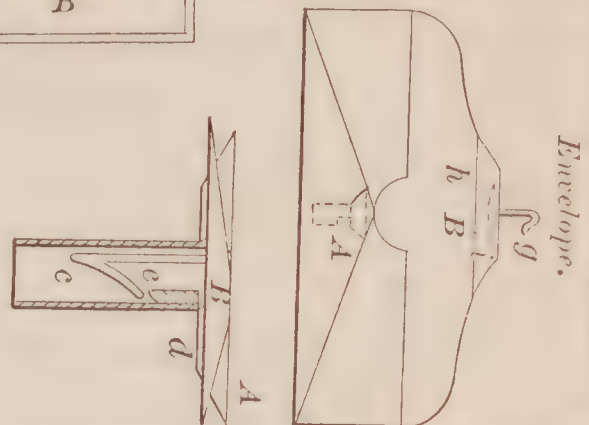
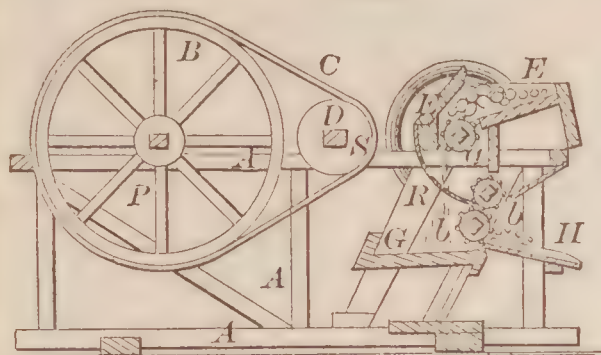
80251—H. M. Wait—*Band Puller.*



80254—H. Wendt—*Shears.*

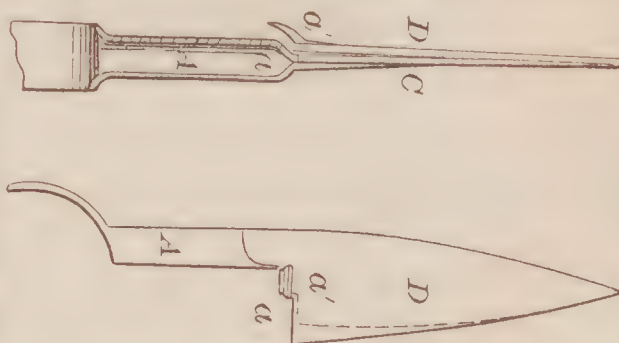


80253—E. Waugaman—*Cider Mill and Press.*

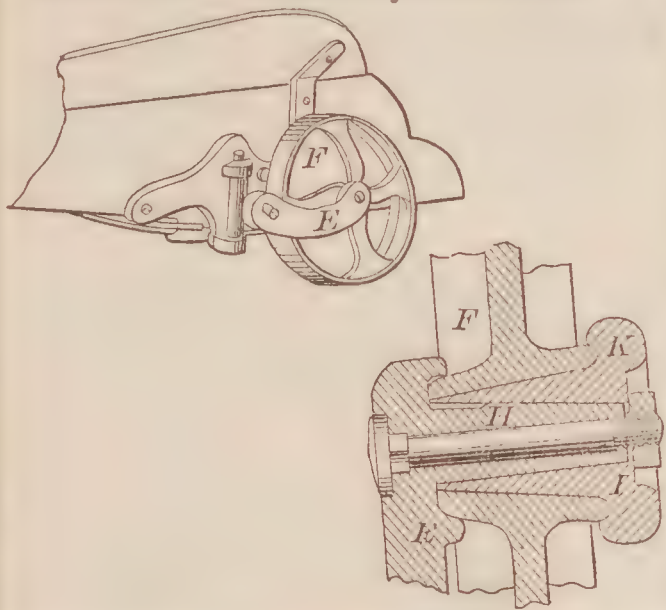


80257—J. B. Wheeler—*Envelope.*

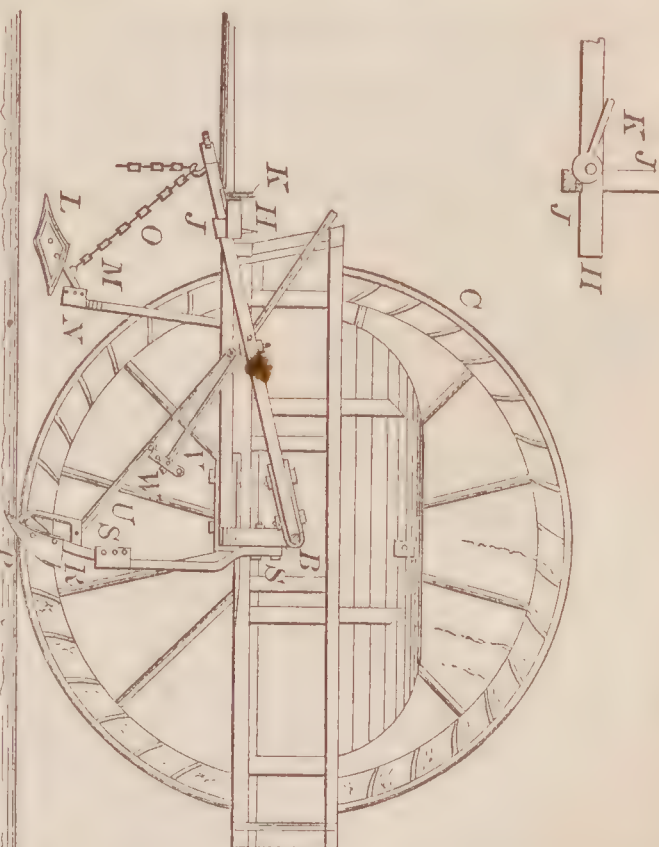
80255—H. Wendt—*Sheep Shears.*



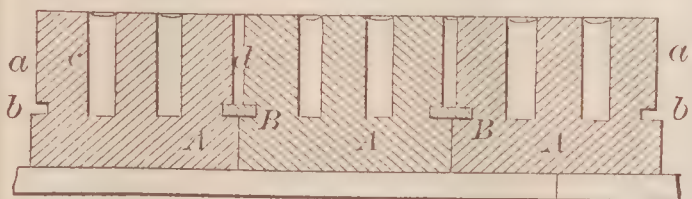
80258—W. N. Whiteley—*Harvester.*



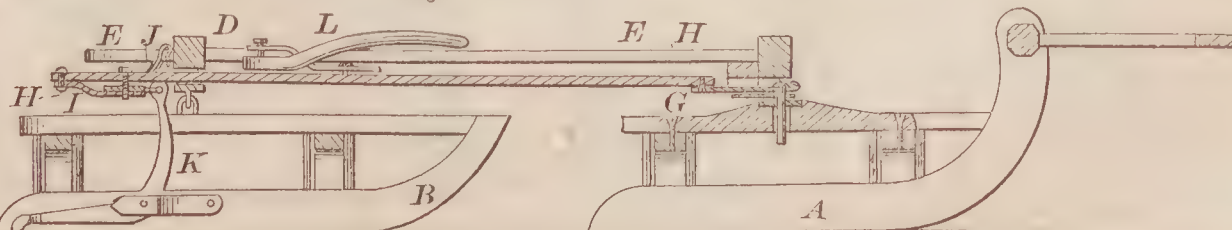
80259—G. W. Whitson—*Self-Loading Cart.*



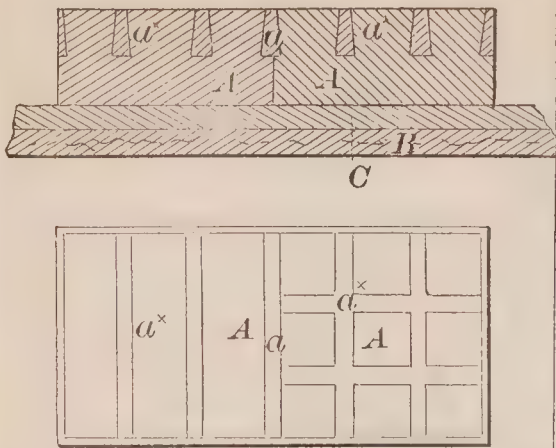
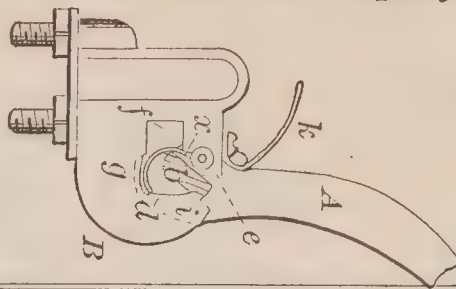
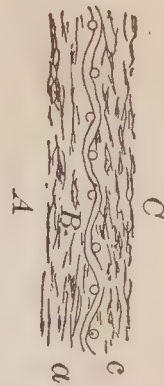
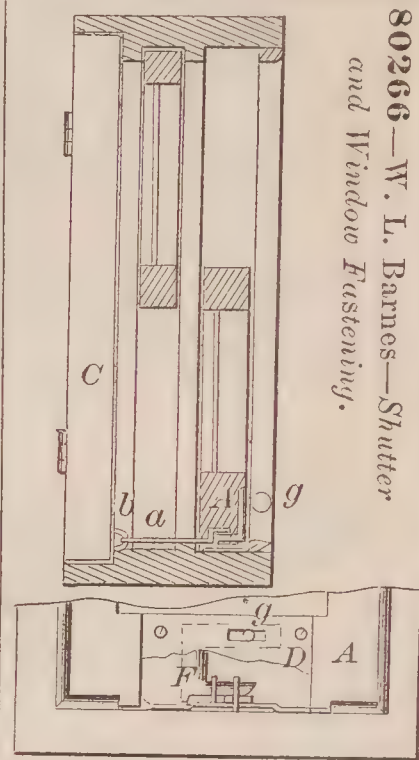
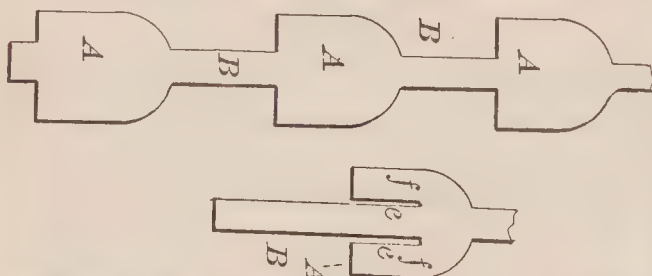
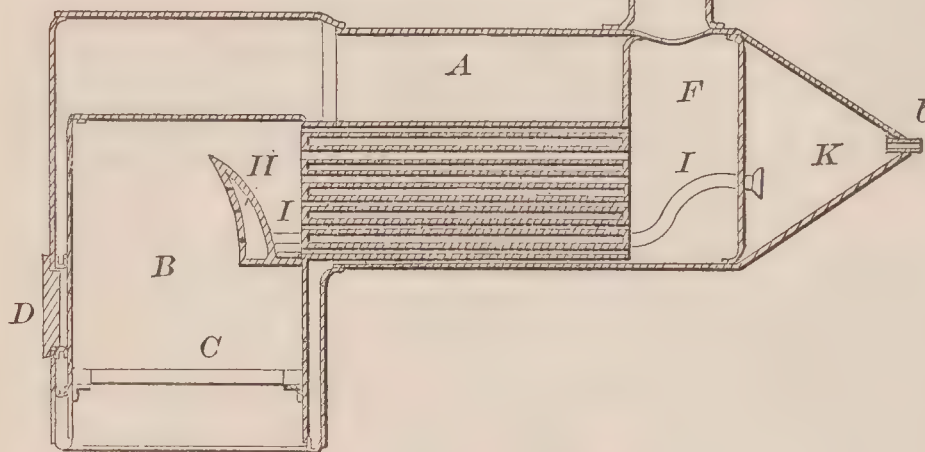
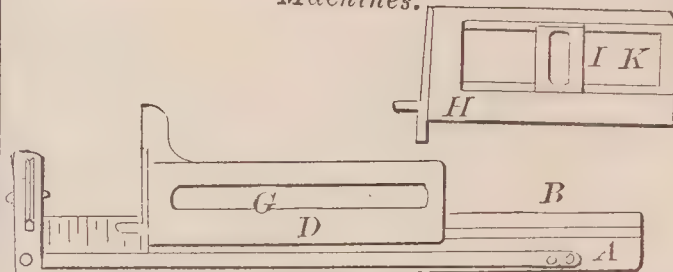
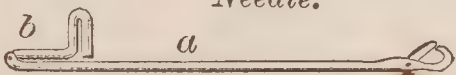
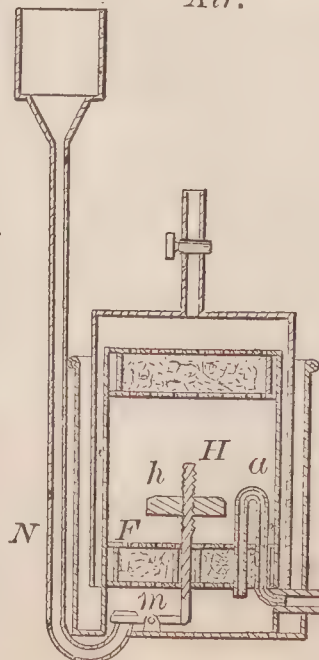
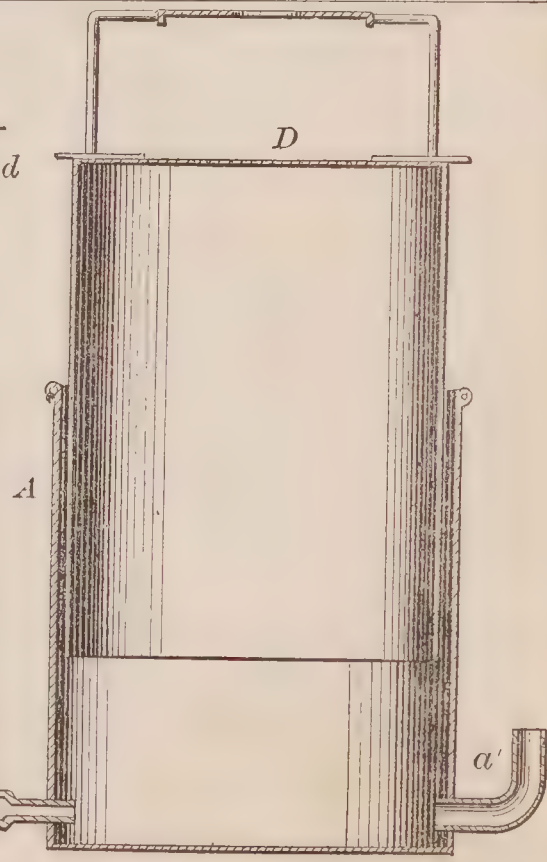
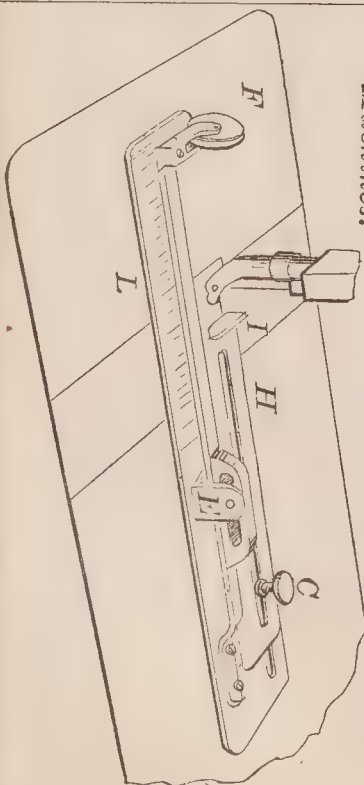
80260—C. Williams—*Pavement.*



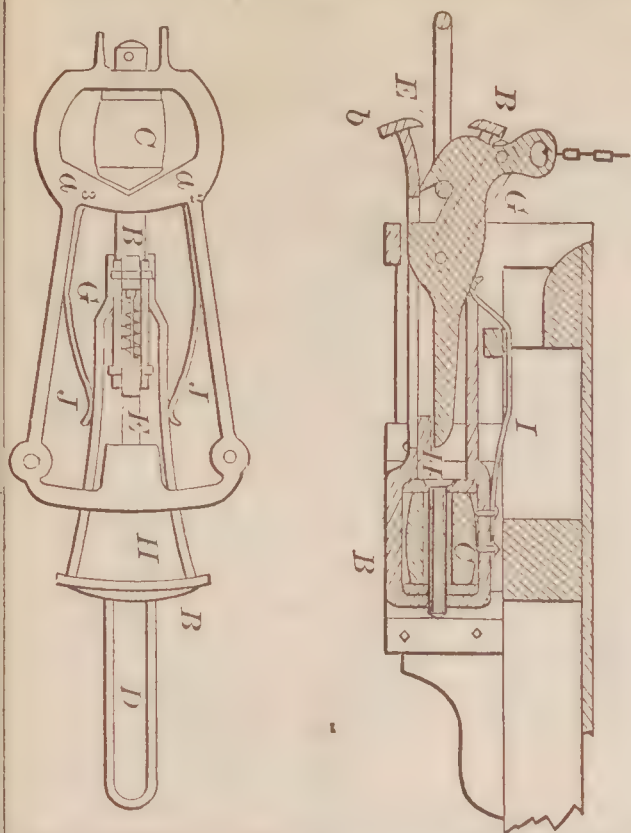
80256—B. F. Wheeler—*Sleigh Brake.*



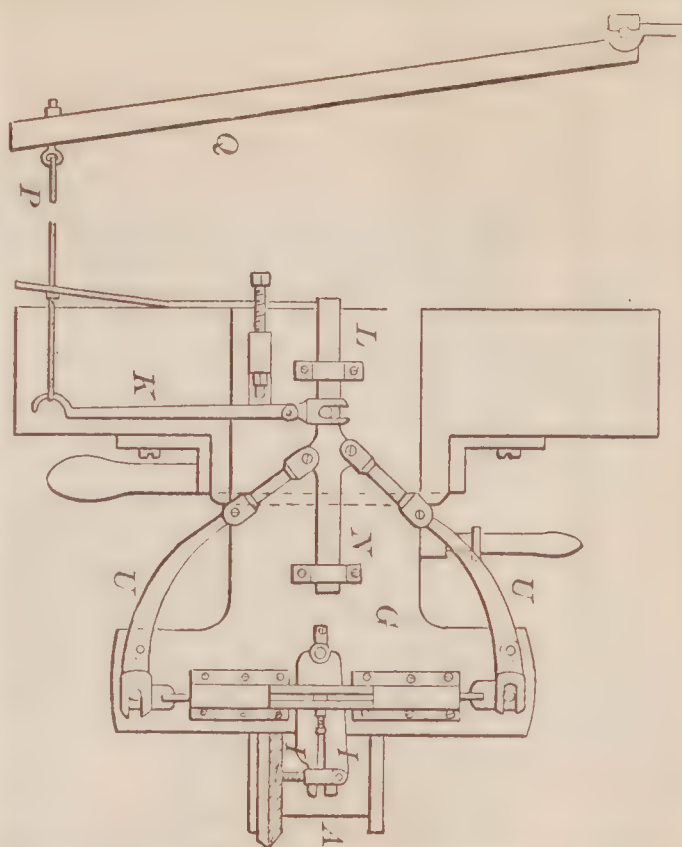


80261—C. Williams—*Pavement.*80262—H. B. Wilcox—*Carriage Thill Coupling.*80263—H. Hayward—*Felted Fabric*80266—W. L. Barnes—*Shutter and Window Fastening.*80265—J. Amory—*Steam Generator.*80267—H. M. Beecher—*Carriage Shaft Coupling.*80269—E. Bostock—*Creaser for Sewing Machines.*80264—R. Allen—*Knitting Machine Needle.*80268—Boon & Perry—*For Carburetting Gas and Air.*80270—E. Bostock—*Tuck Creaser for Sewing Machines.*

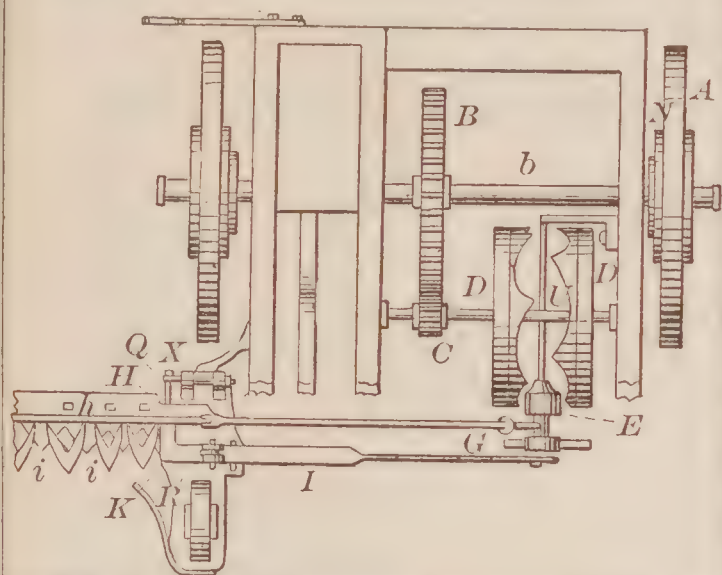
80271—C. T. Burchardt—*Car Coupling.*



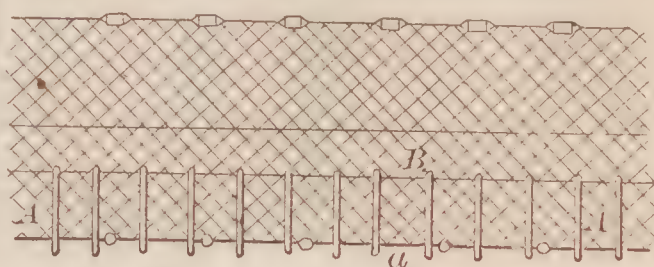
80273—T. Cabourg—*Boot Soling Machine.*



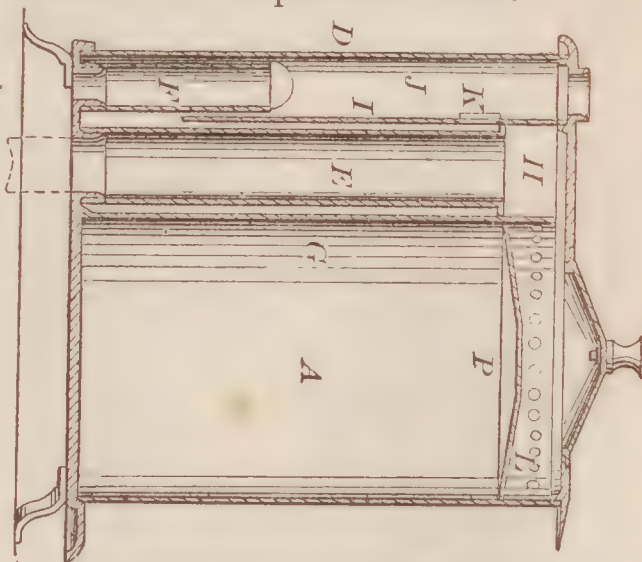
80272—H. K. Burnett—*Harvester.*



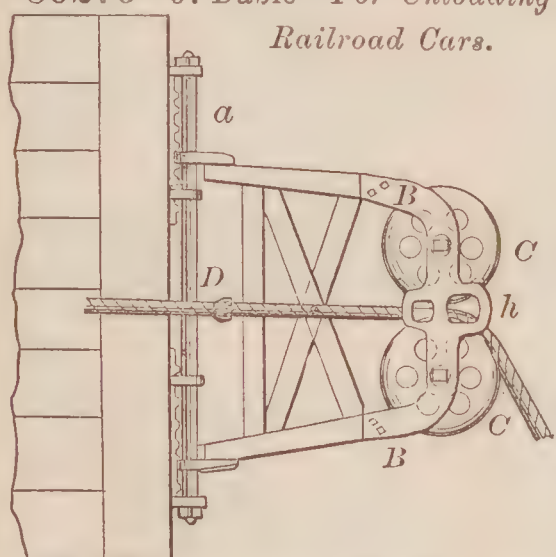
80274—J. Collines—*Fishing Seine.*



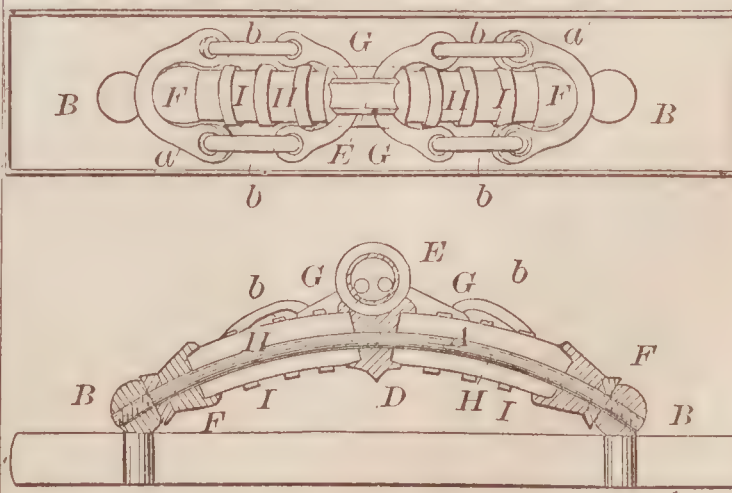
80275—J. Cooper—*Coal Stove.*



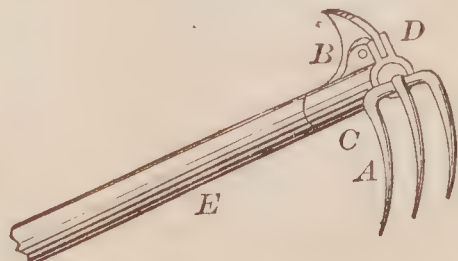
80276—J. Dable—*For Unloading Railroad Cars.*



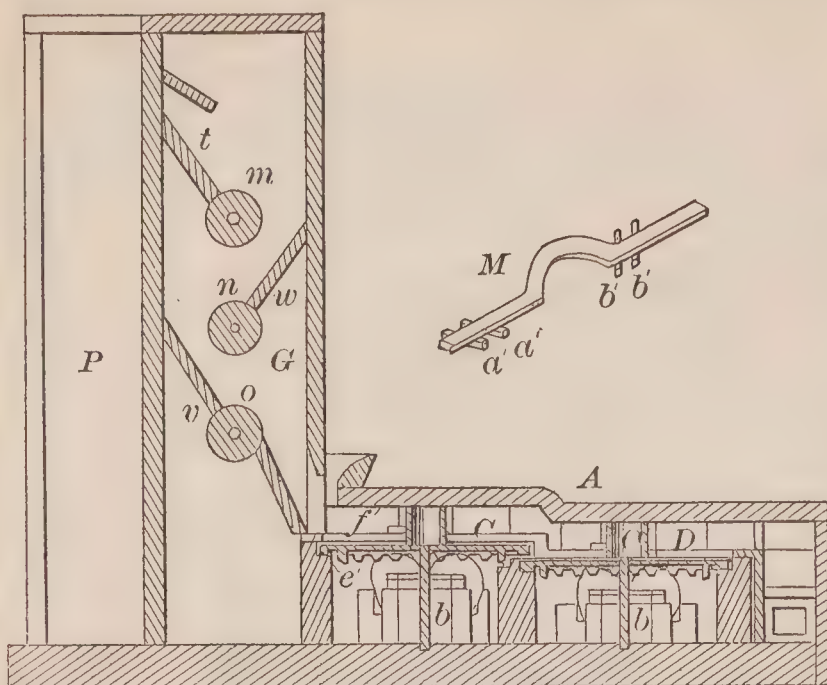
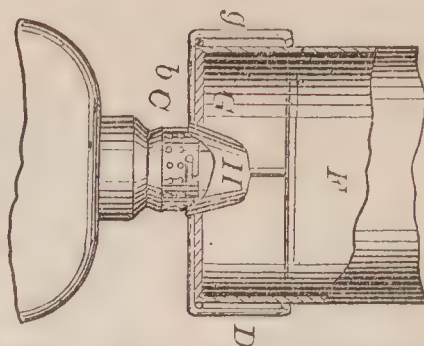
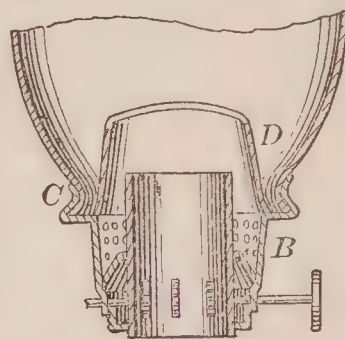
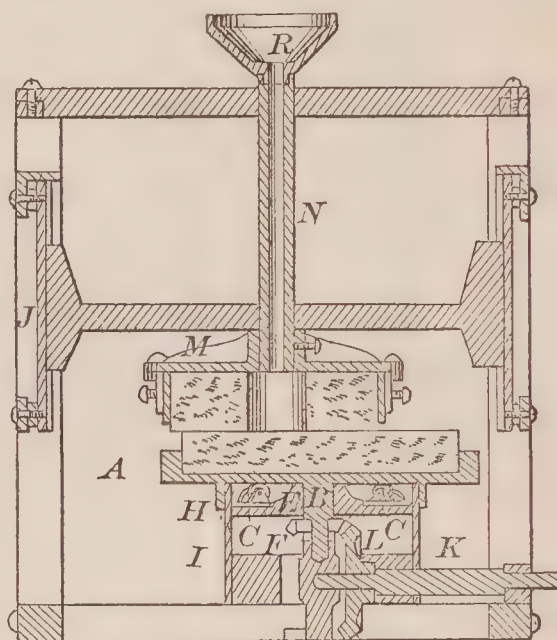
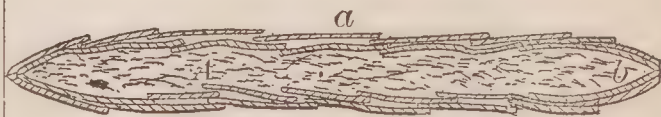
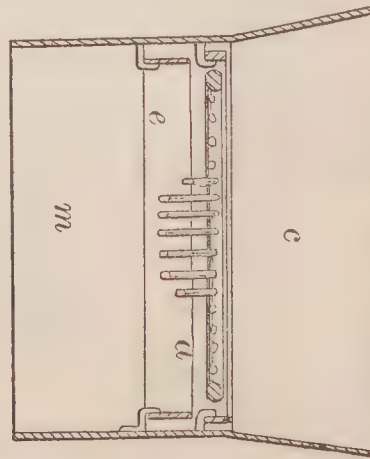
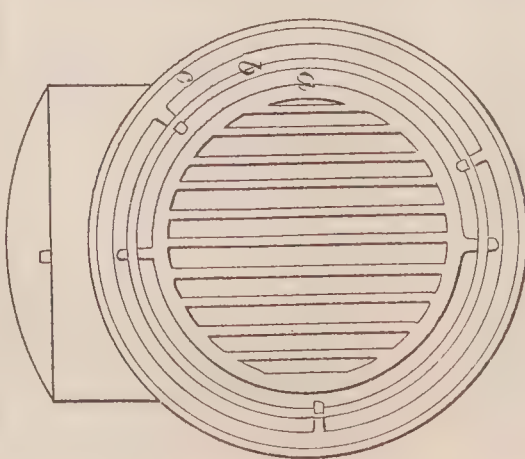
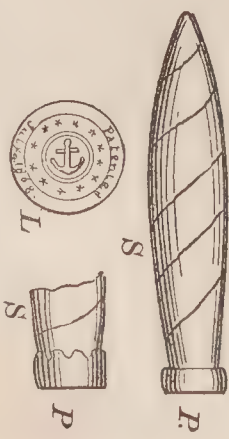
80278—J. Edson—*Stop for Sails.*



80277—E. & E. C. Denio—*Hop Hook.*

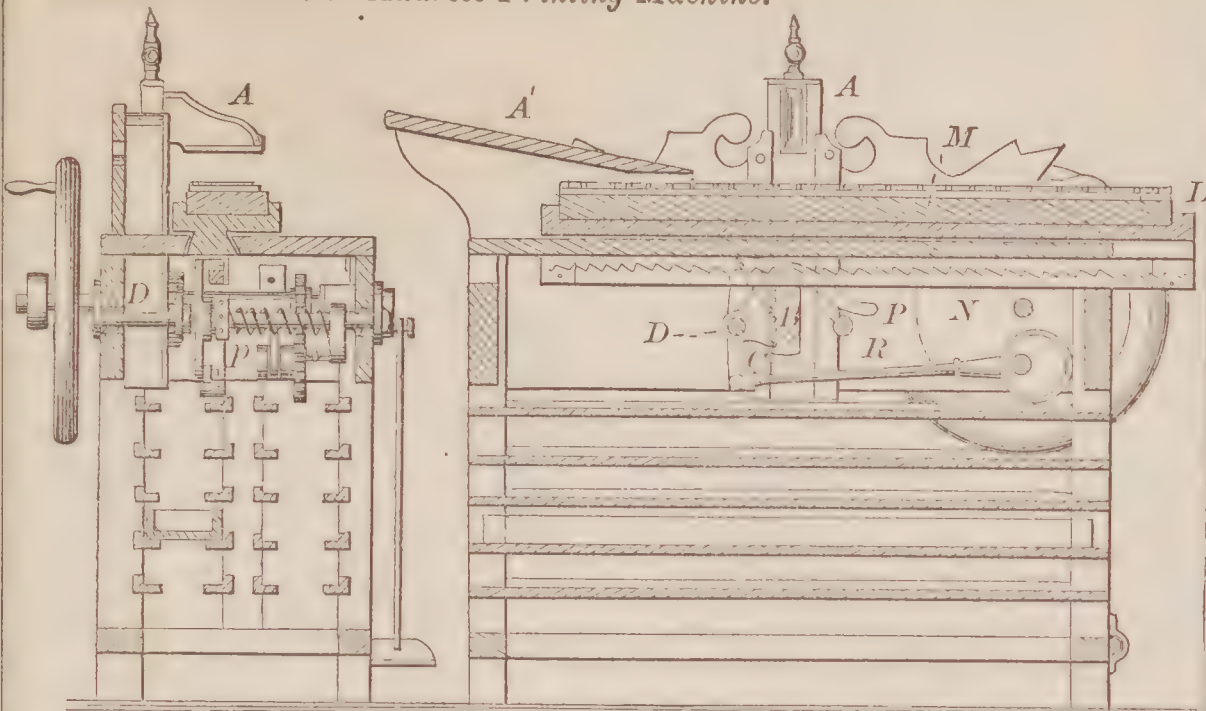




80279—S. H. Folsom—*For Treating Ores.*80281—R. Gorsline—*Lamp Burner.*80282—Gracie & Boyd—*Lamp Chimney.*80286—F. L. King—*For Dressing Stone.*80287—W. C. Kneeland—*Manufacture of Cigars.*80280—Gommenginger & Trotter—*Stove and Furnace Grate.*80284—F. L. Hilbright—*Cigar.*



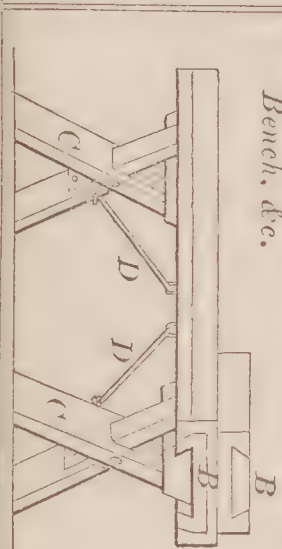
80285—H. Julien—*Address Printing Machine.*



80288—J. A. Knight—*Fruit Picker.*



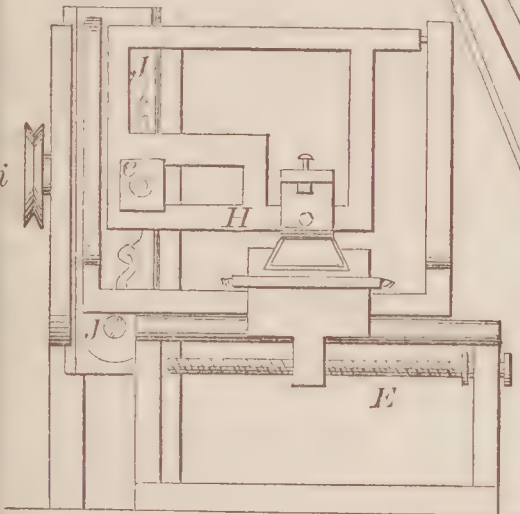
80289—D. S. Leavitt—*Table, Bench, &c.*



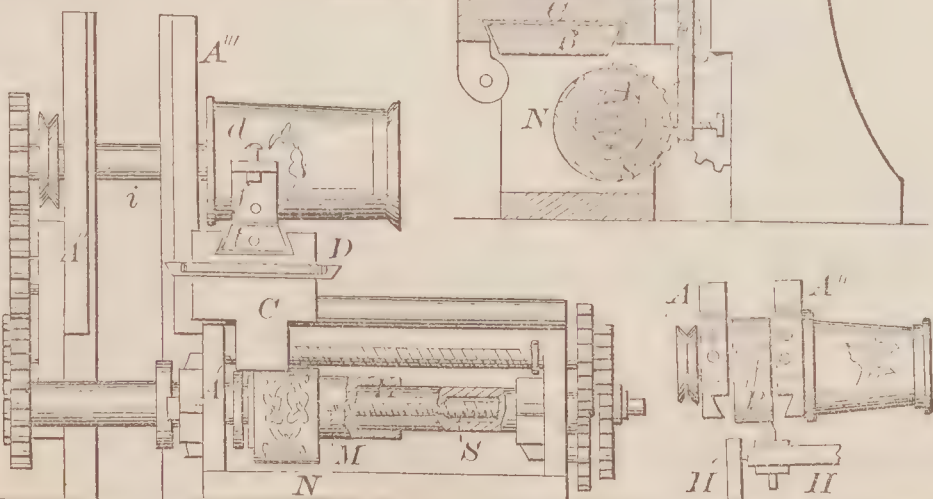
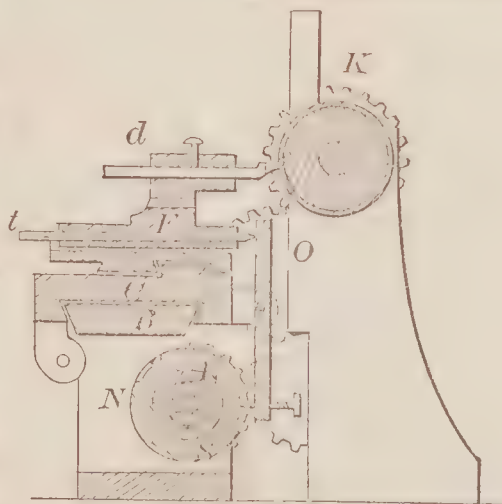
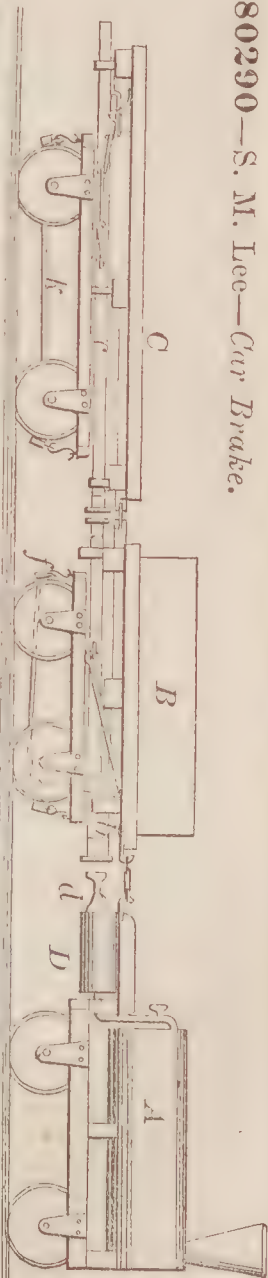
80291—J. Letzkus—*Teeth for Gear Wheels.*



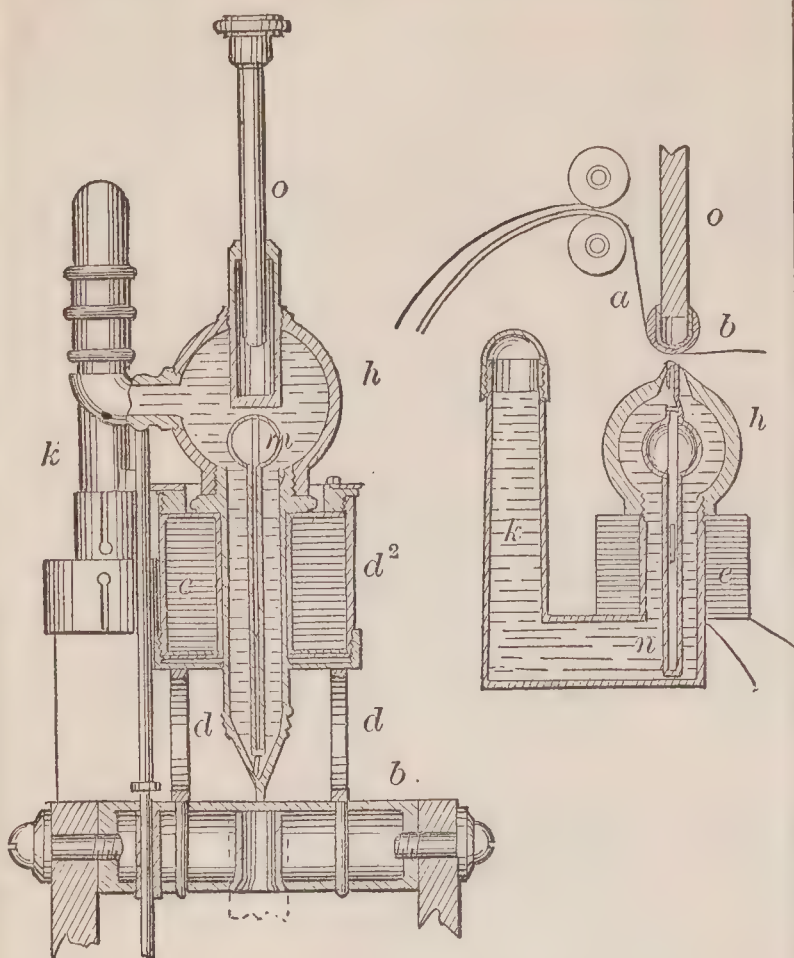
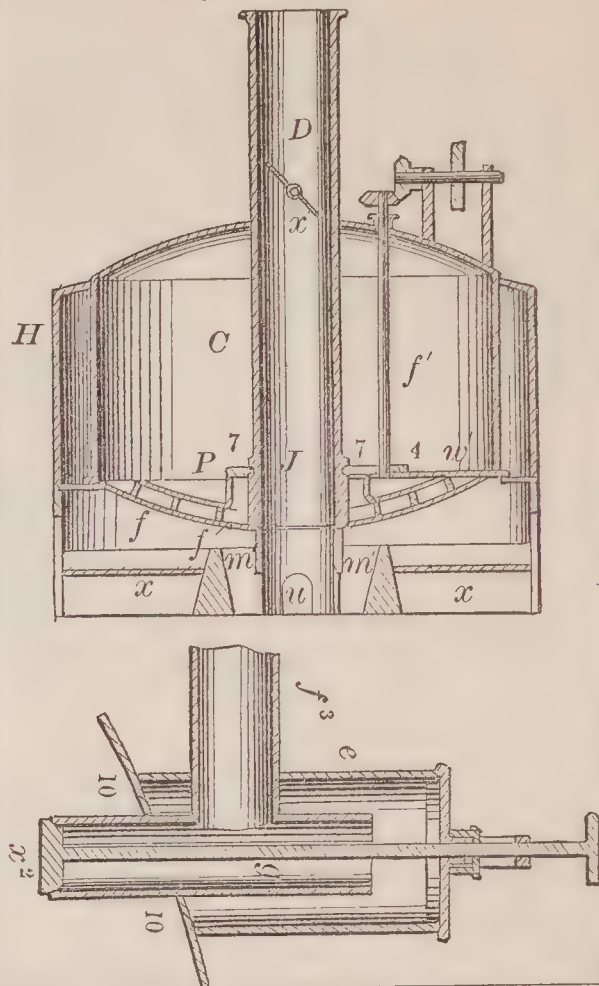
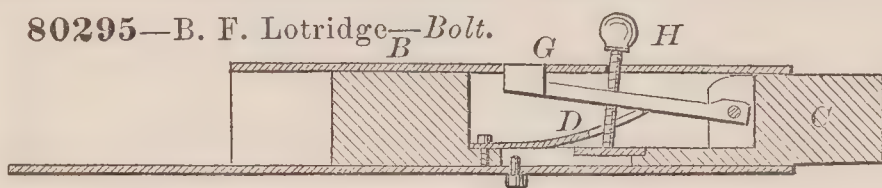
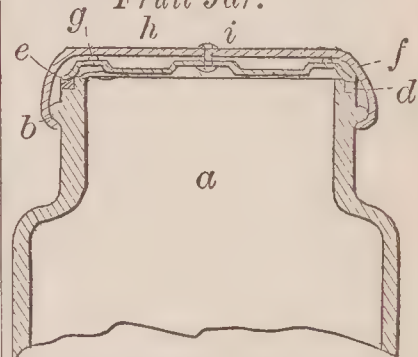
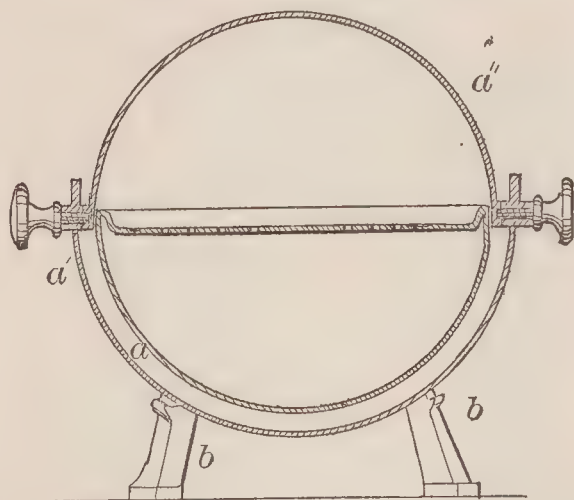
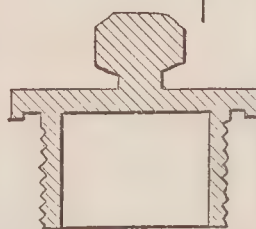
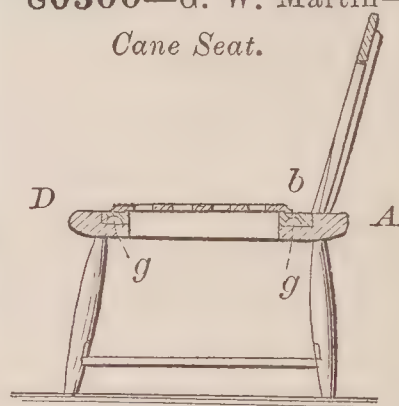
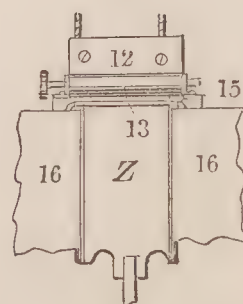
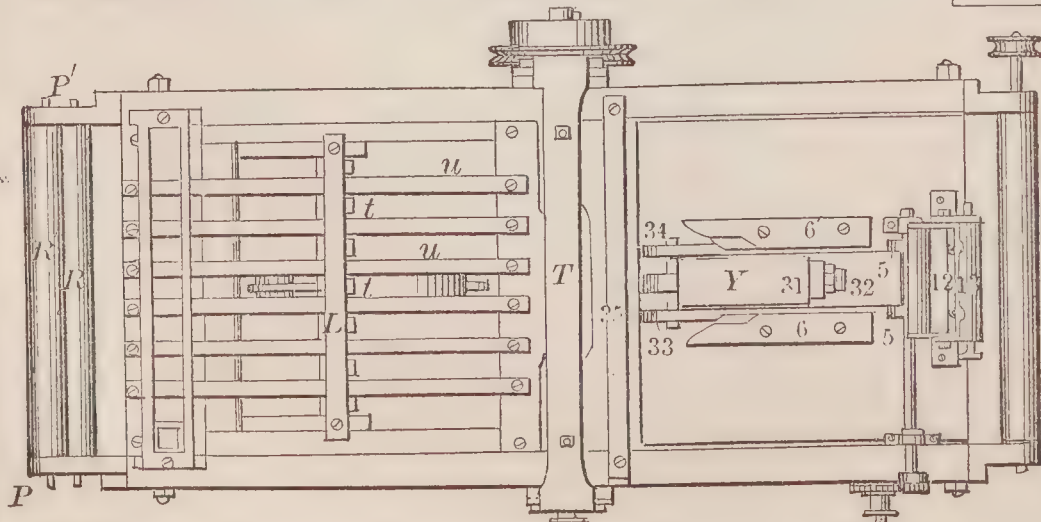
80292—T. Lippiatt—*Rose-Engine Lathe.*



80290—S. M. Lee—*Cur Brake.*

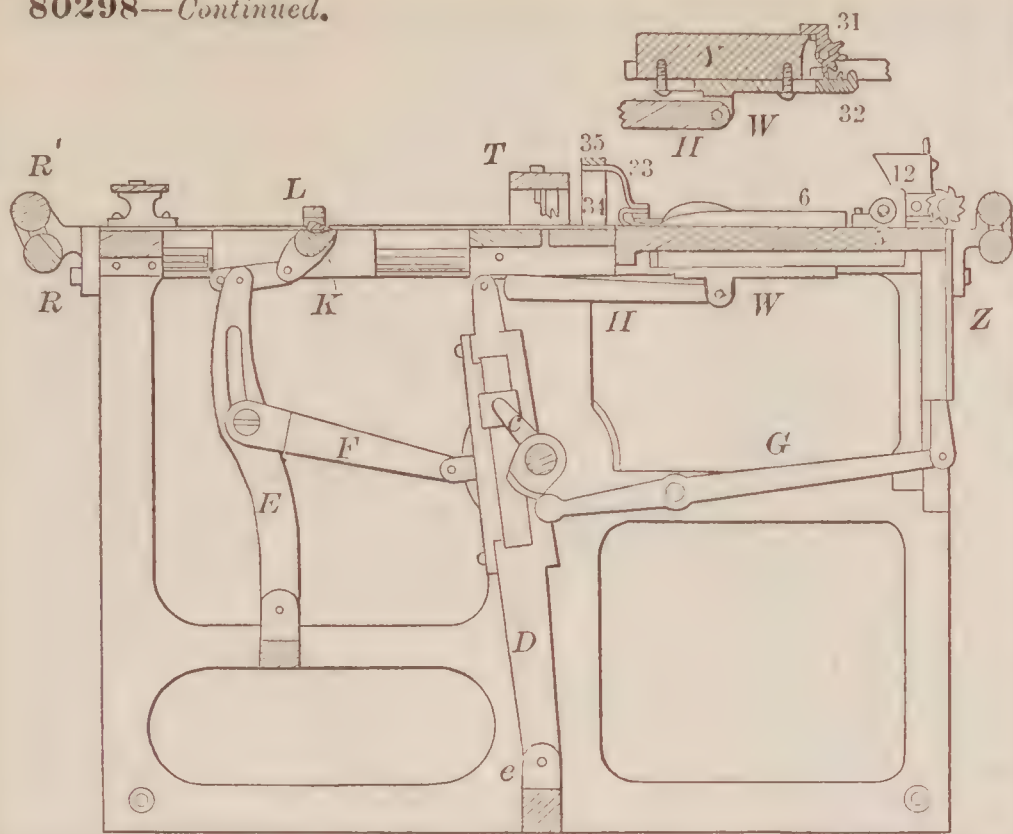




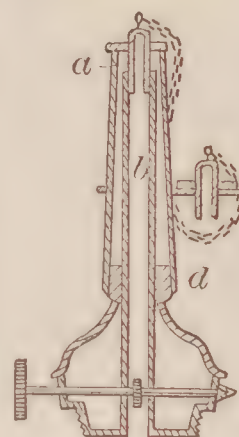
80293—G. Little—*Telegraph Instrument.*80294—Lockhart & Gracie—*Still for Hydro-Carbons.*80295—B. F. Lotridge—*Bolt.*80296—W. W. Lyman—*Fruit Jar.*80297—W. W. Lyman—*Butter Dish.*80299—G. W. Martin—*Manufacture of Soft Rubber.*80300—G. W. Martin—*Cane Seat.*80298—G. H. Mallary—*For Making Paper Bags.*



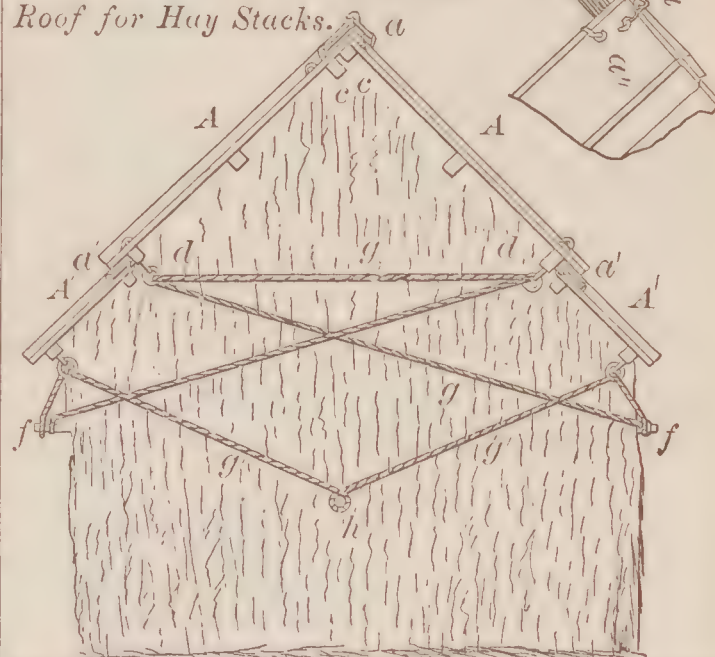
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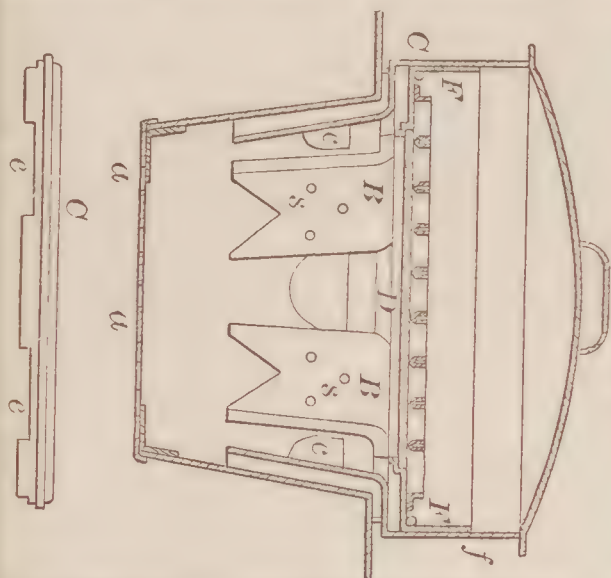
80302—P. Noyes—  
Lamp.



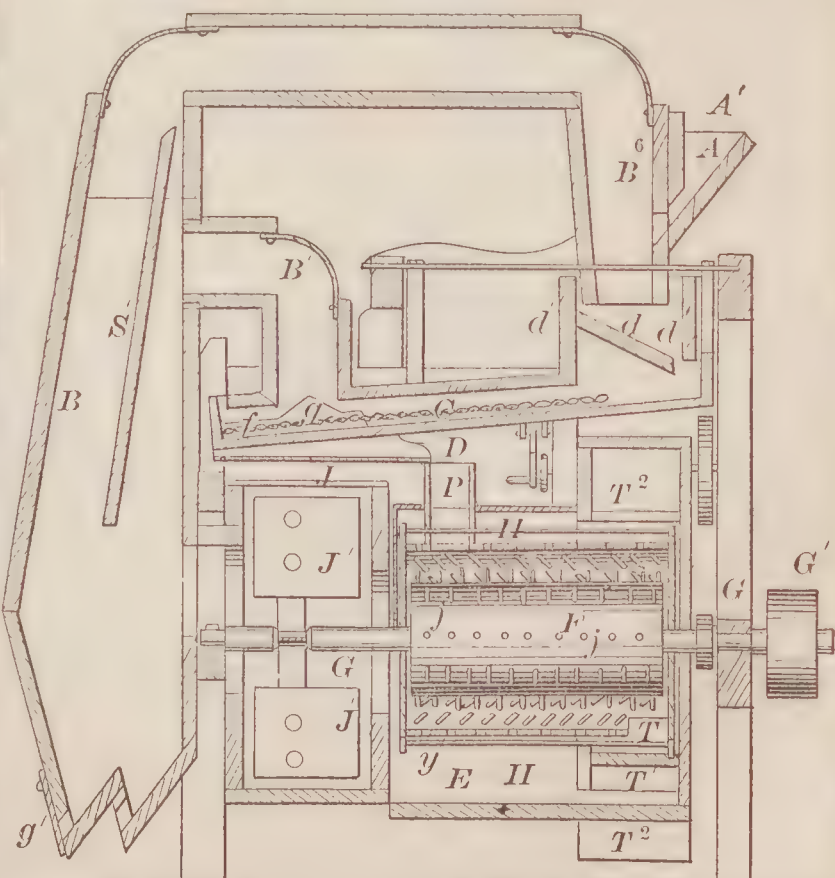
80301—T. Munson—Portable  
Roof for Hay Stacks.



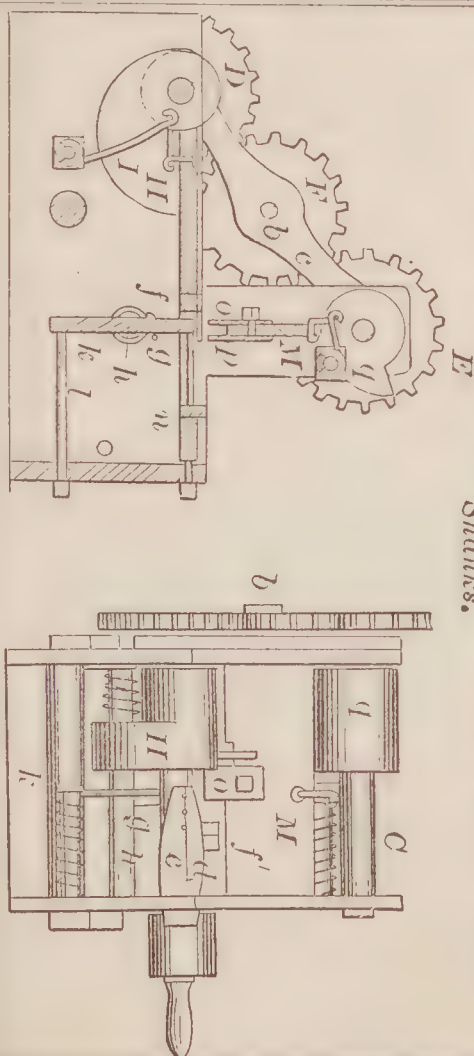
80303—W. S. Orbeton—Cutting  
Apparatus.



80306—R. & J. H. Redfield—Smut Mill.

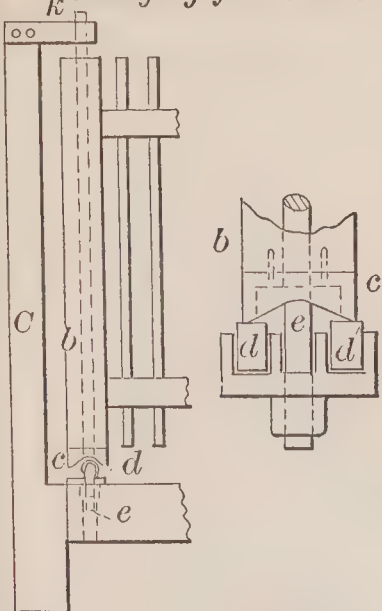


80304—J. S. Perkins—For Making  
Knitting Machine Needle  
Shanks.

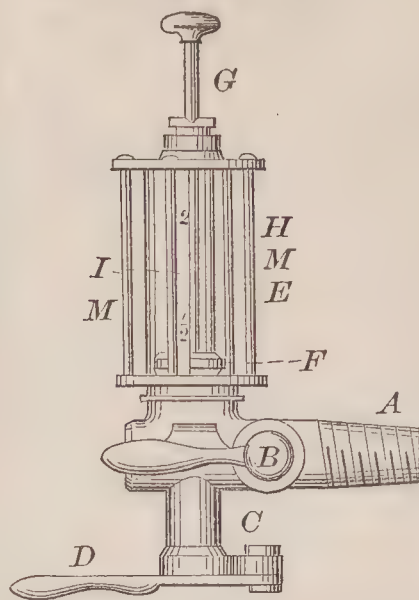




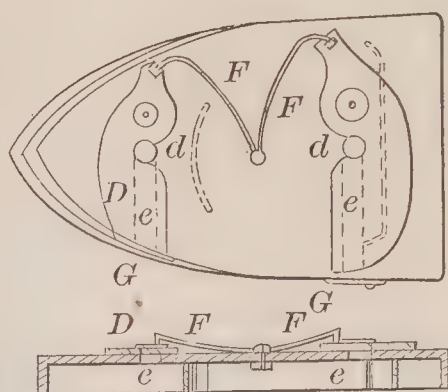
**80305**—Rasa & Mayes—  
*Hanging for Gates.*



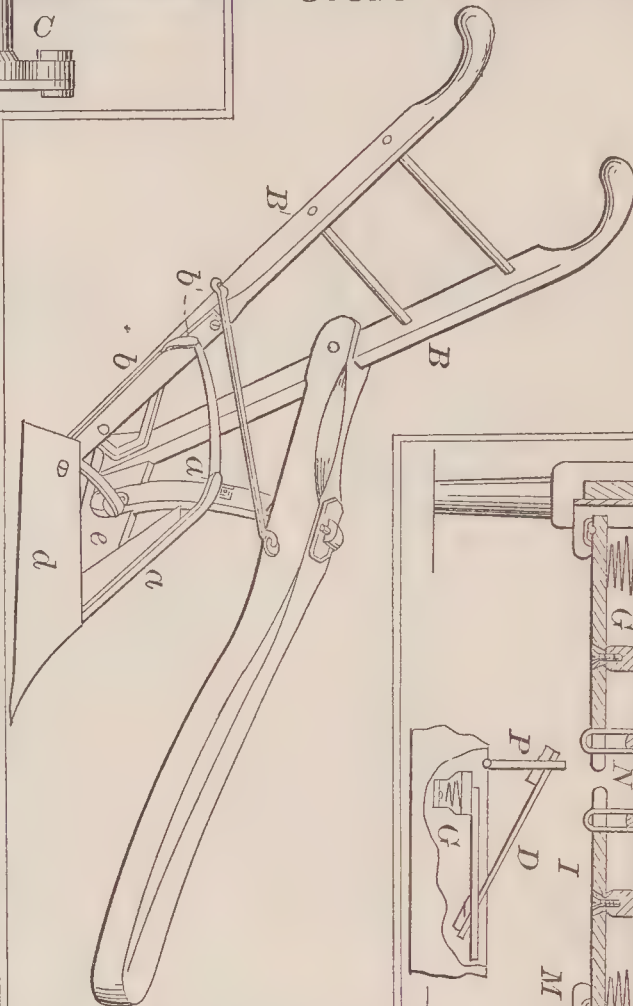
**80307**—T. S. Reeve—  
*Measuring Faucet..*



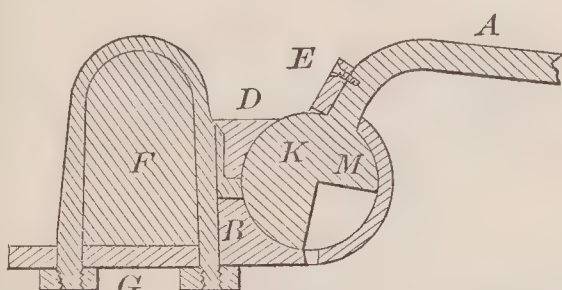
**80311**—G. H. Roth—*Sad Iron Holder.*



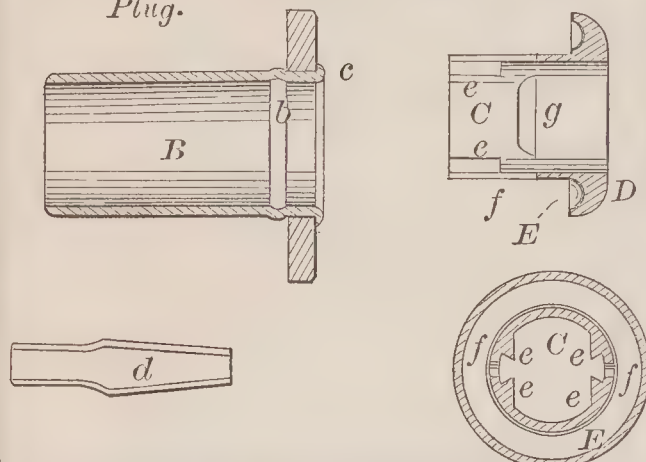
**80314**—D. Smith—*Plow.*



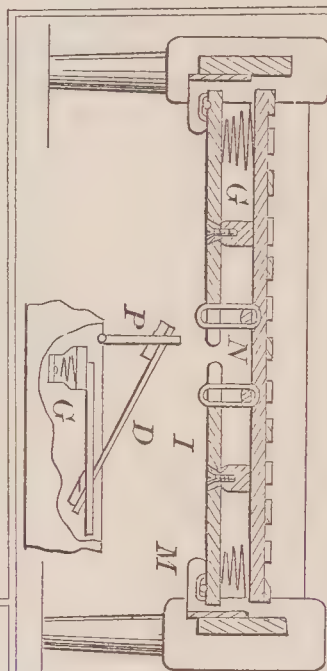
**80310**—C. Robinson—*Thill Coupling.*



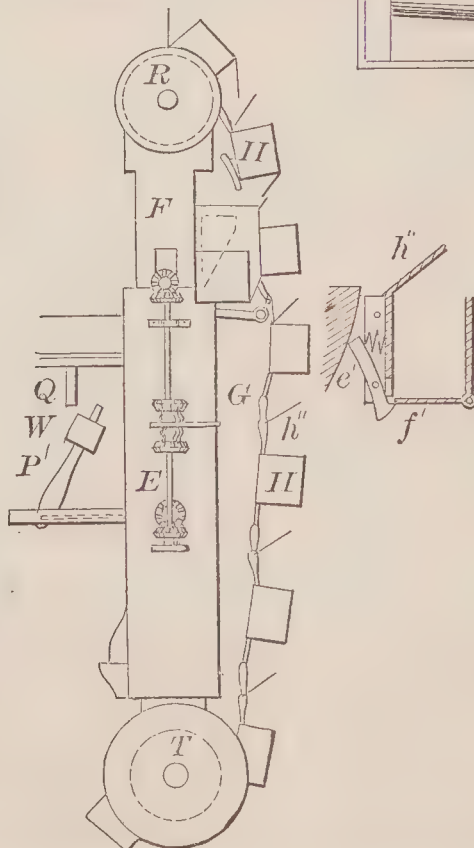
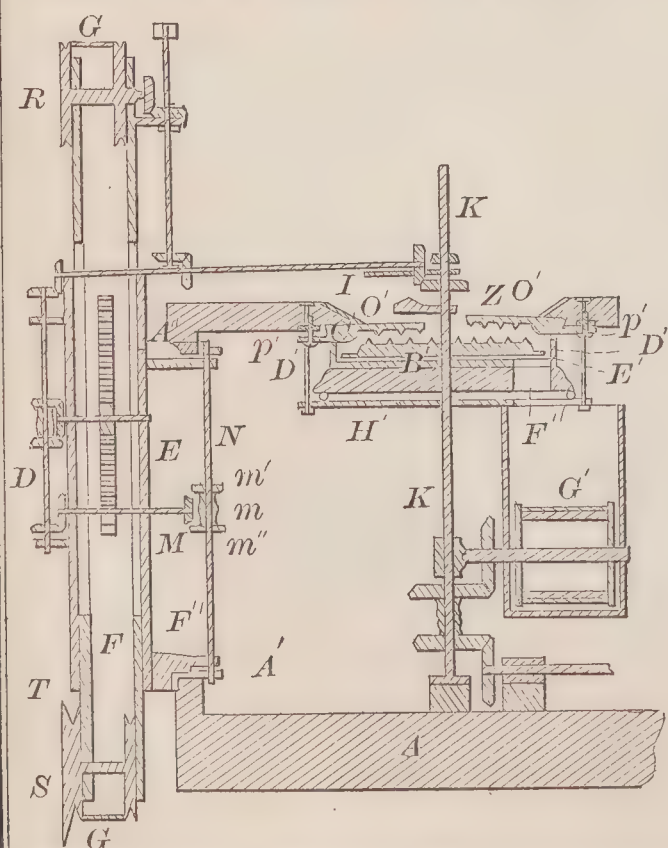
**80313**—W. N. Sinclair—*Boiler Flue Plug.*



**80312**—I. N. Sheets—*Bed Bottom.*



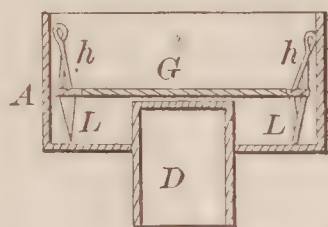
**80309**—M. S. Roberts—*Peat Machine.*



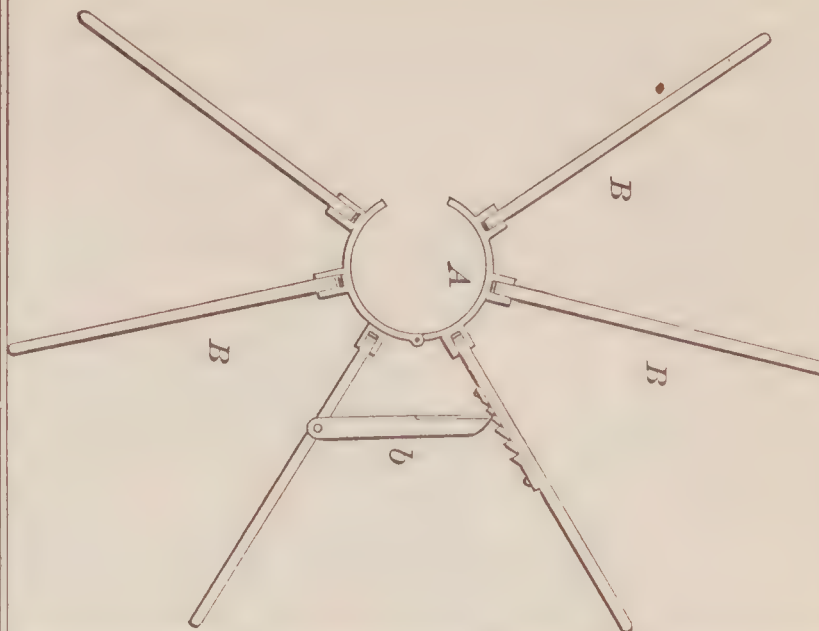
**80308**—M. A. Richardson—*Horse Power.*



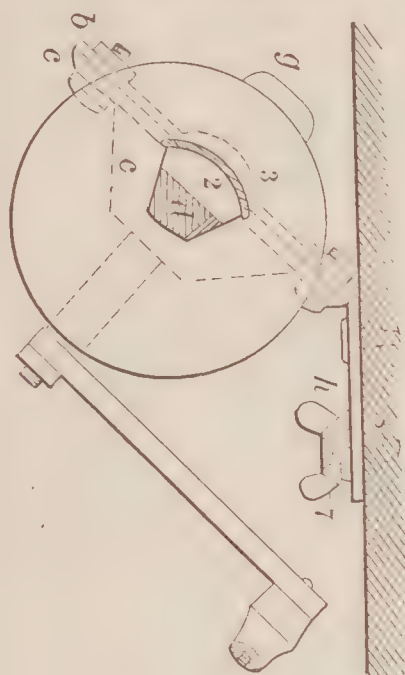
80315—V. M. Thomas—  
*Culinary Apparatus.*



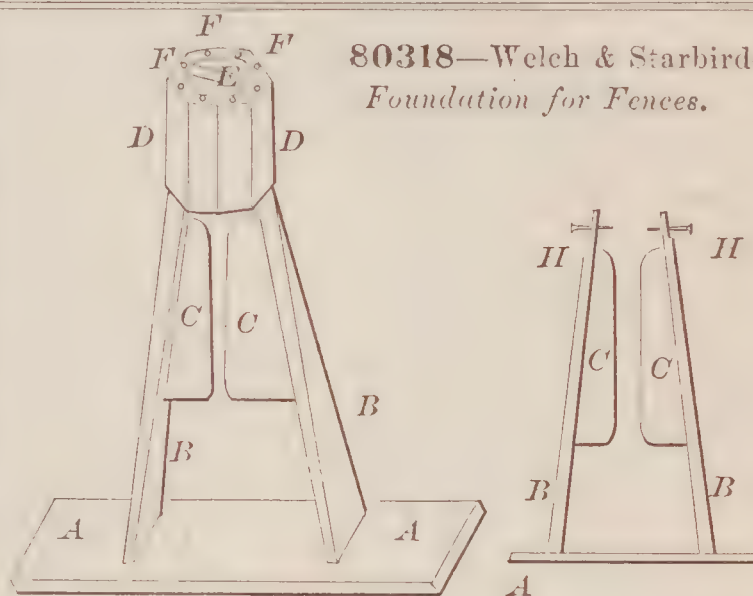
80316—L. B. Waterman—*Clothes Dryer.*



80317—E. Watrous—*Coffee Mill.*



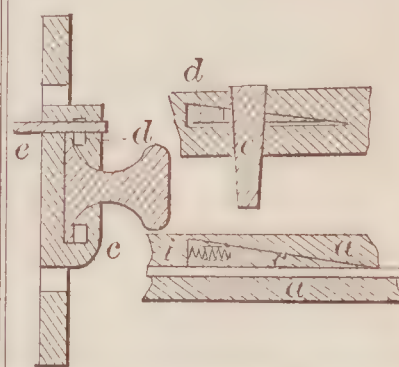
80318—Welch & Starbird—  
*Foundation for Fences.*



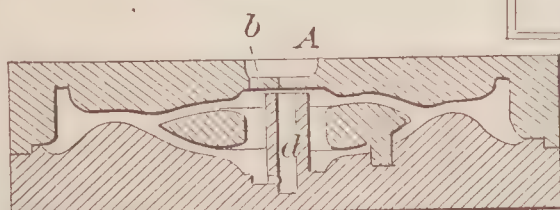
80319—J. L. Wetherell—  
*Pad for Horses' Hoofs.*



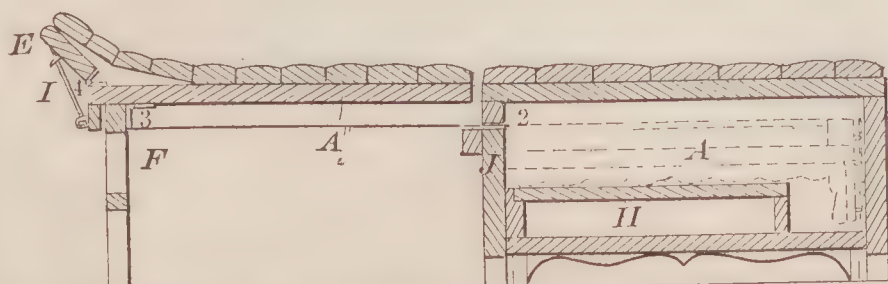
80320—W. Wickersham—  
*Railway Chair.*



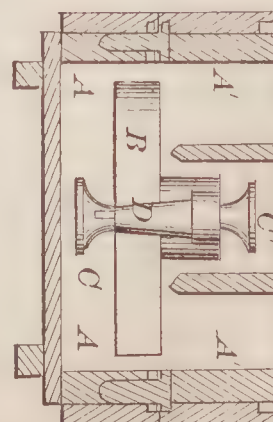
80323—W. Wilmington—*Car Wheel.*



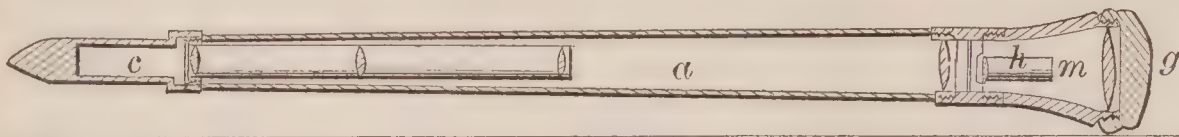
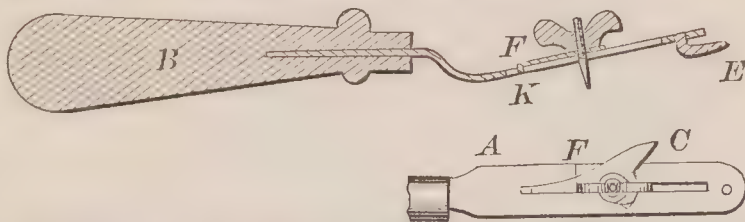
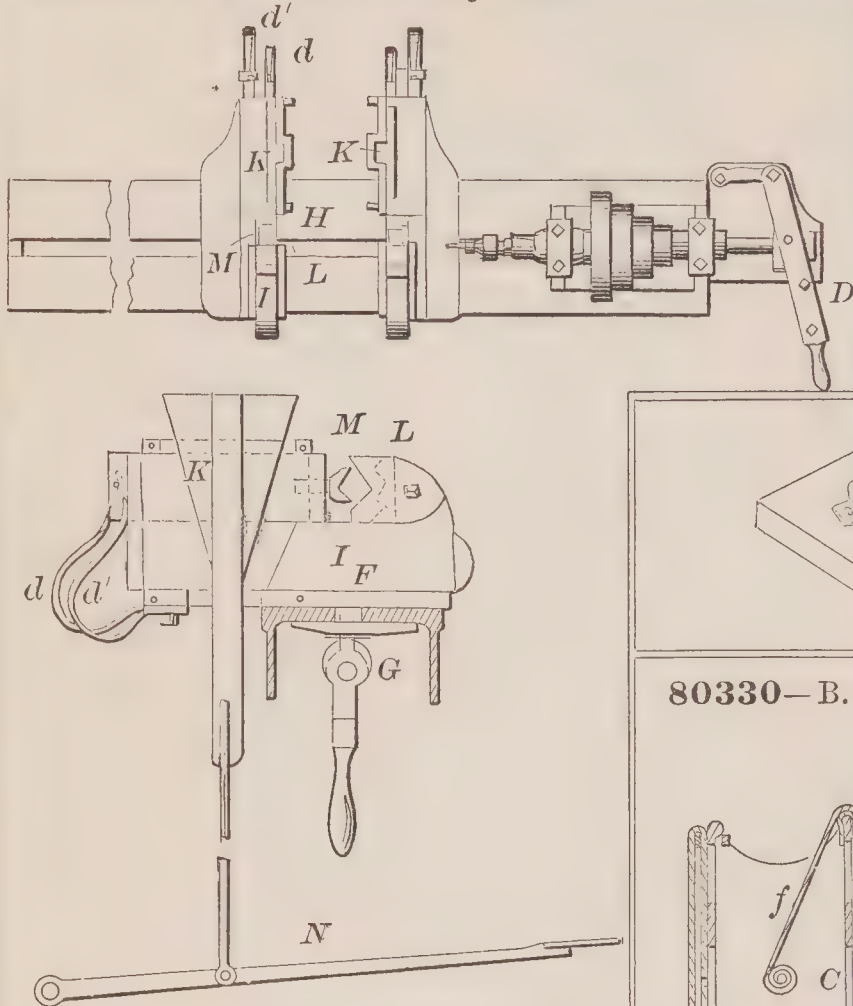
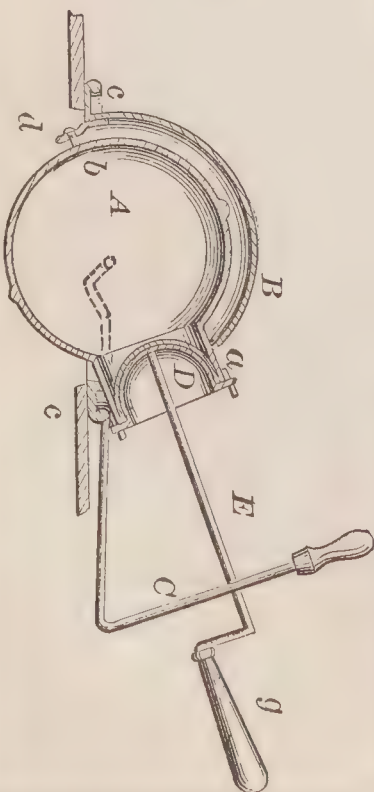
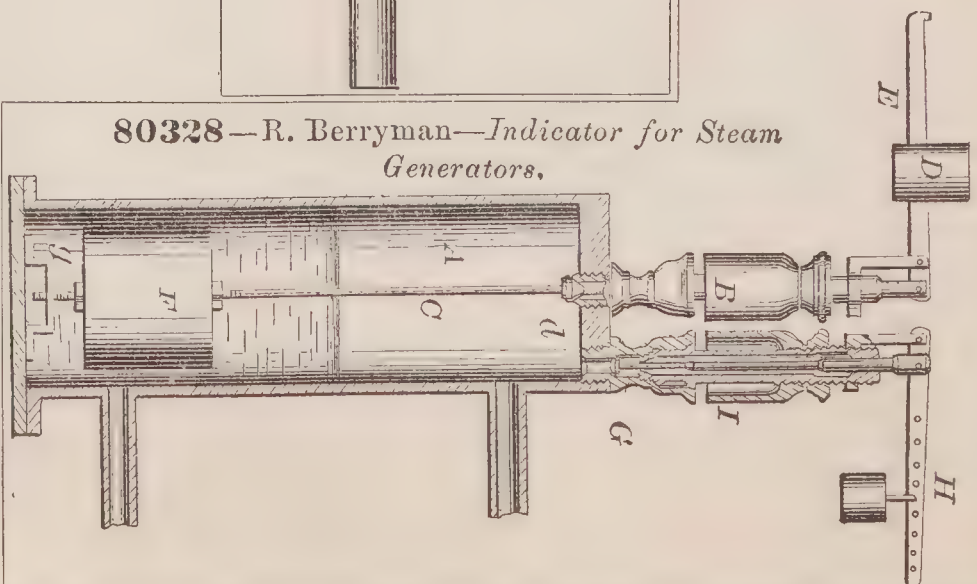
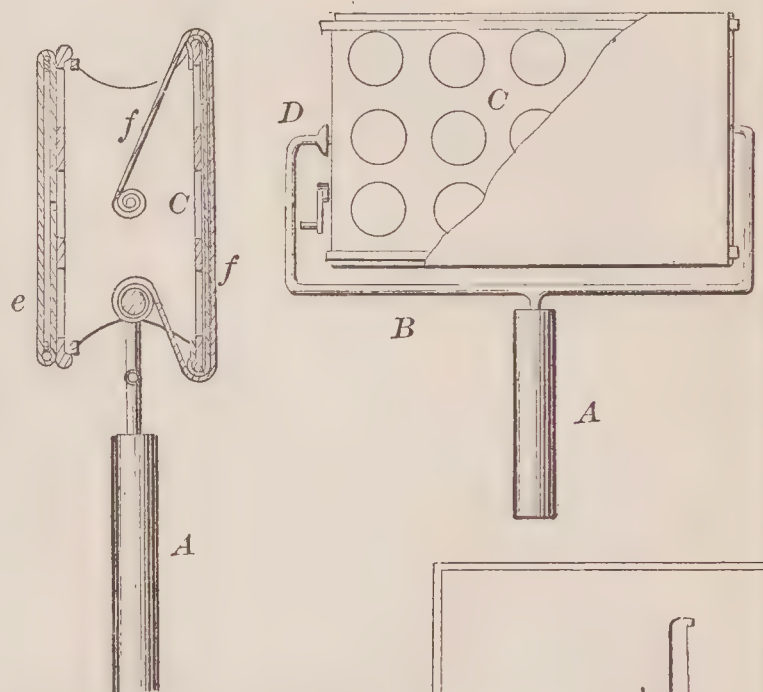
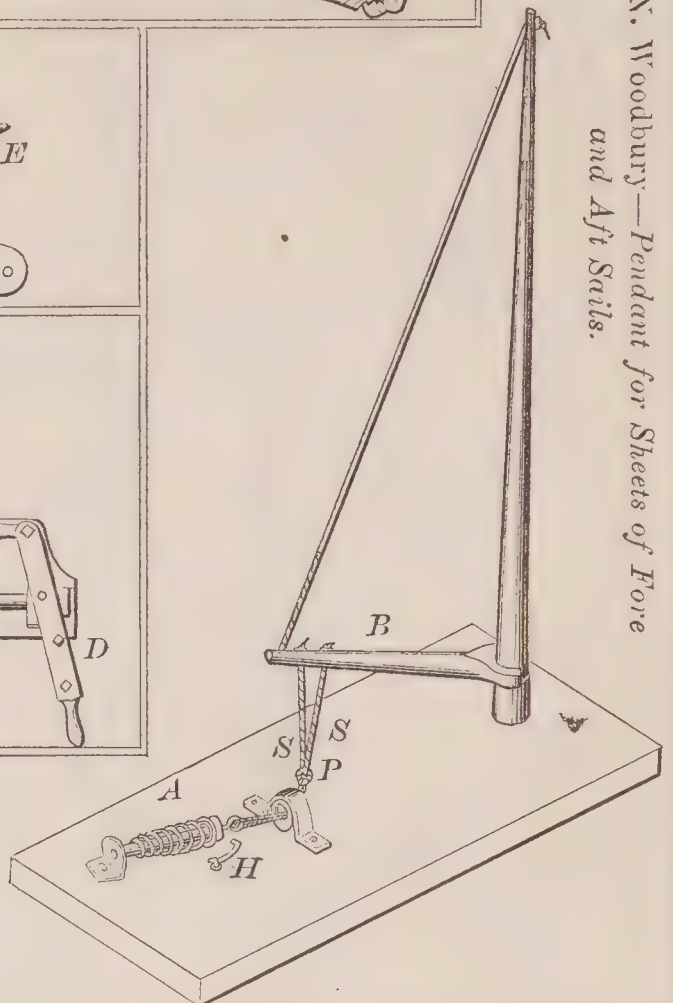
80322—G. H. C. Williams—*Ottoman Lounge.*



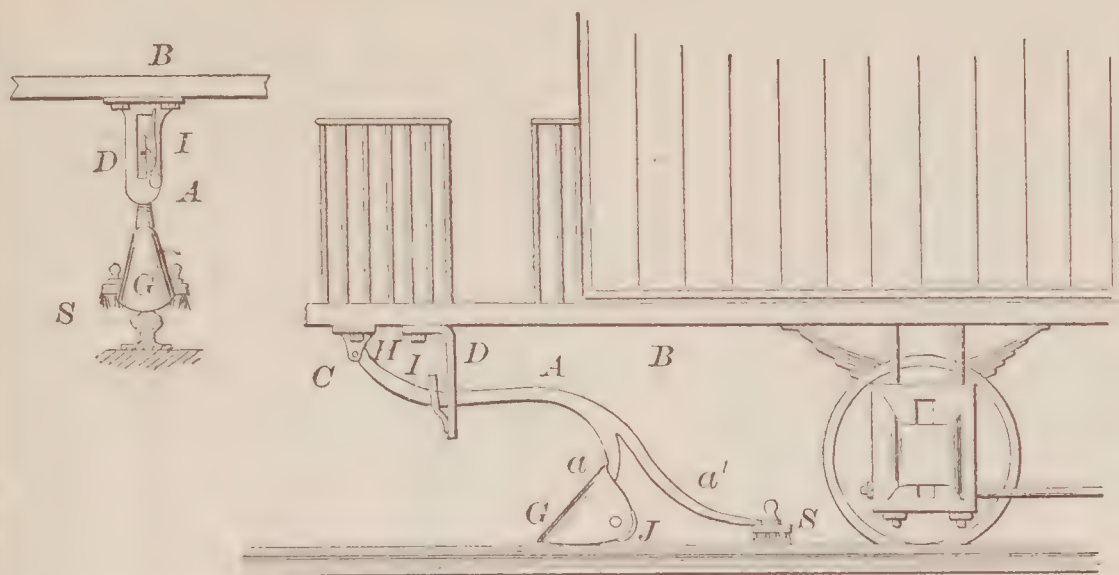
80321—W. H. Wiley—*Supporting  
Chill in Casting.*



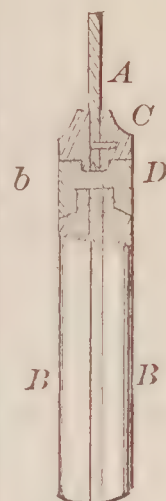


80324—G. W. Wilson—*Cane and Telescope.*80326—F. S. Wyman—*Can Opener.*80327—B. F. Bee—*Centering Lathe.*80329—F. M. Bode—*Coffee Roaster.*80328—R. Berryman—*Indicator for Steam Generators.*80330—B. F. Burgess, Jr.—*Window Scrubber.*80325—N. Woodbury—*Pendant for Sheets of Fore and Aft Sails.*

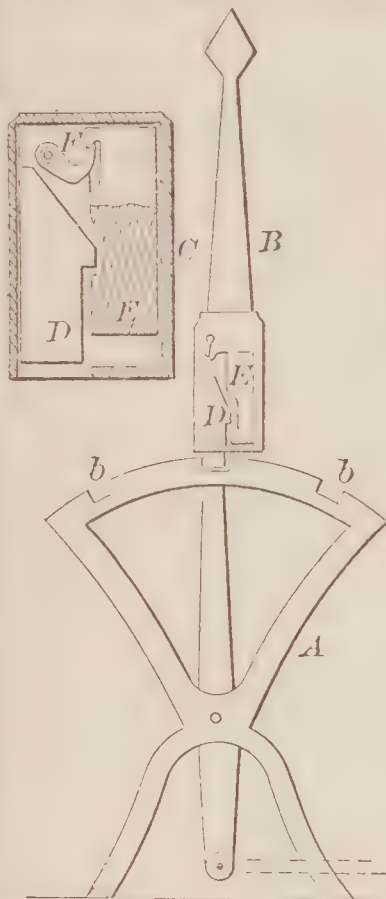
80331—J. Callaghan—*Railroad Track Clearer.*



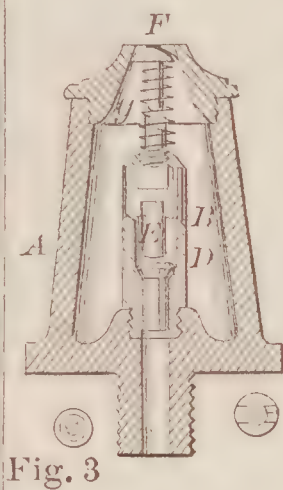
80334—W. Clayton—*Table Cutlery.*



80332—J. V. Chamberlin—*Lock for Securing Railroad Switches.*



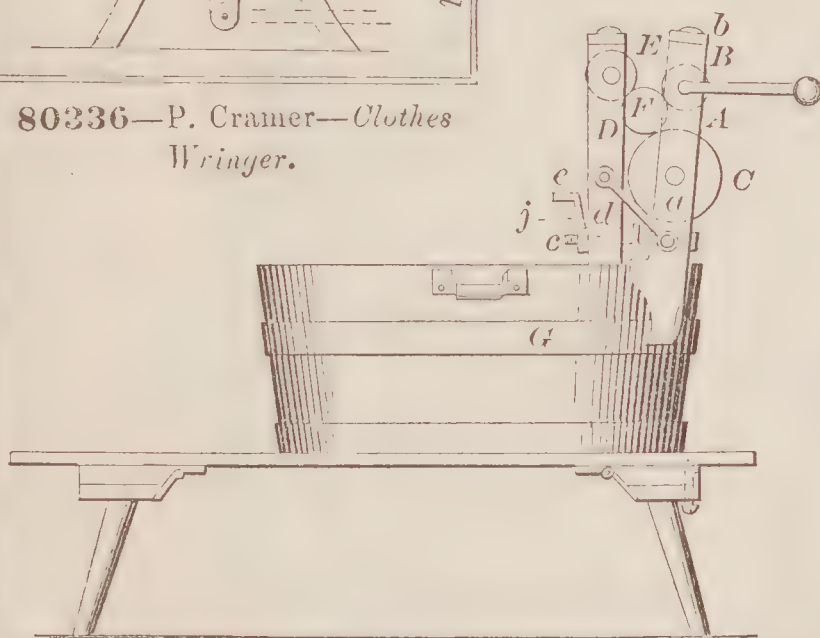
80333—S. Charnley—*Oil Cup.*



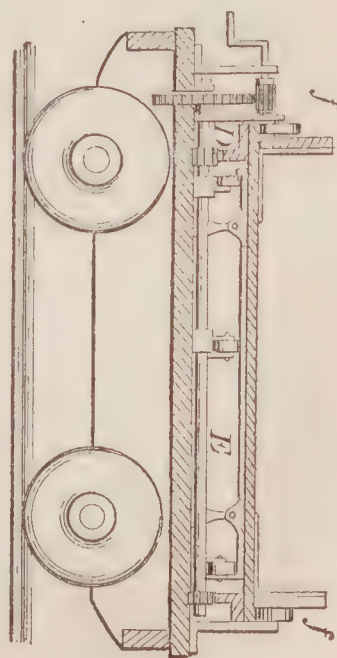
80335—P. Colvin—*Cheese Vat.*



80336—P. Cramer—*Clothes Wringer.*



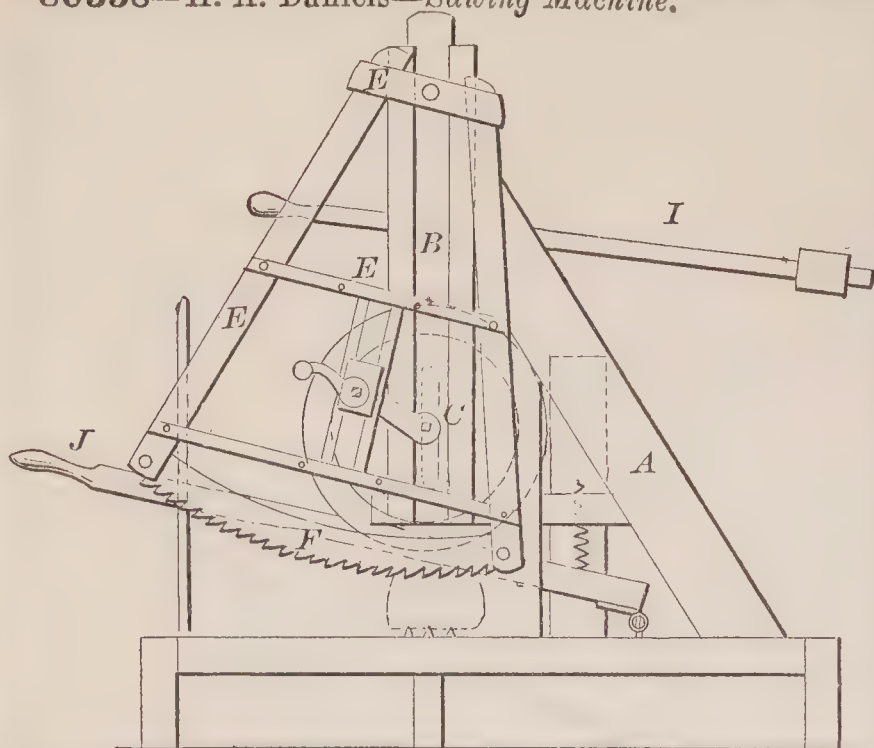
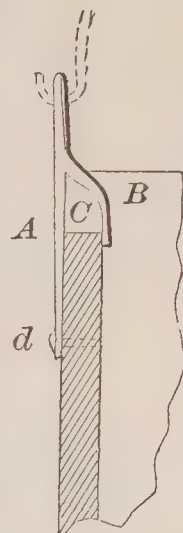
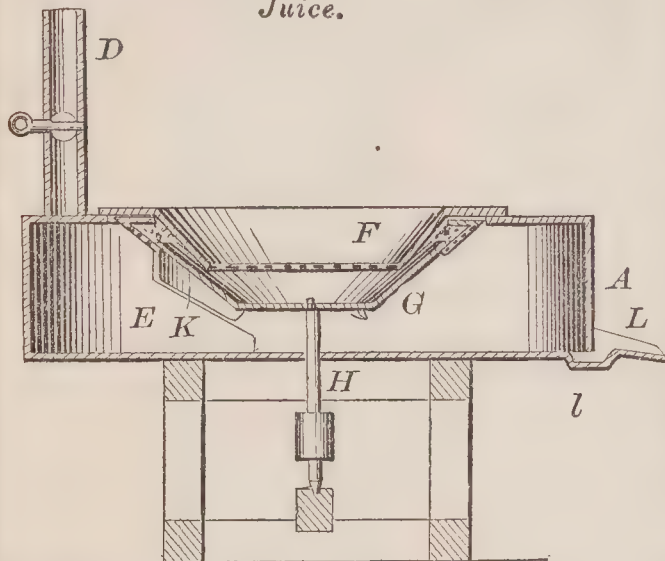
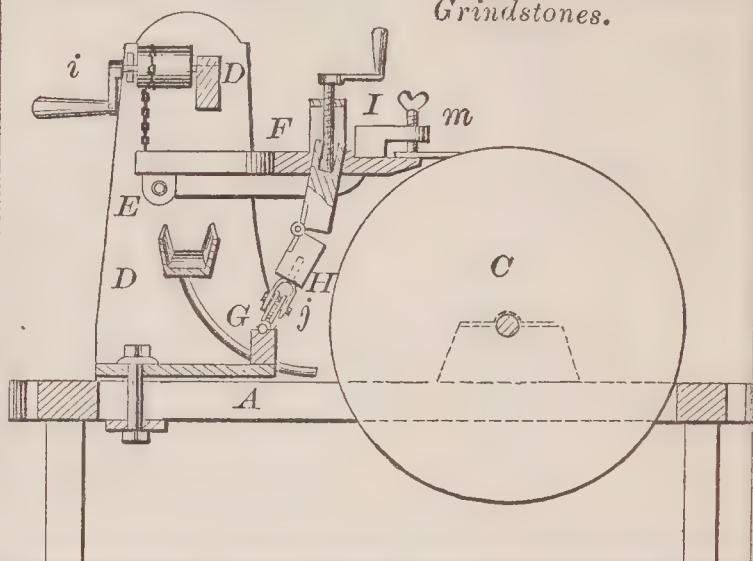
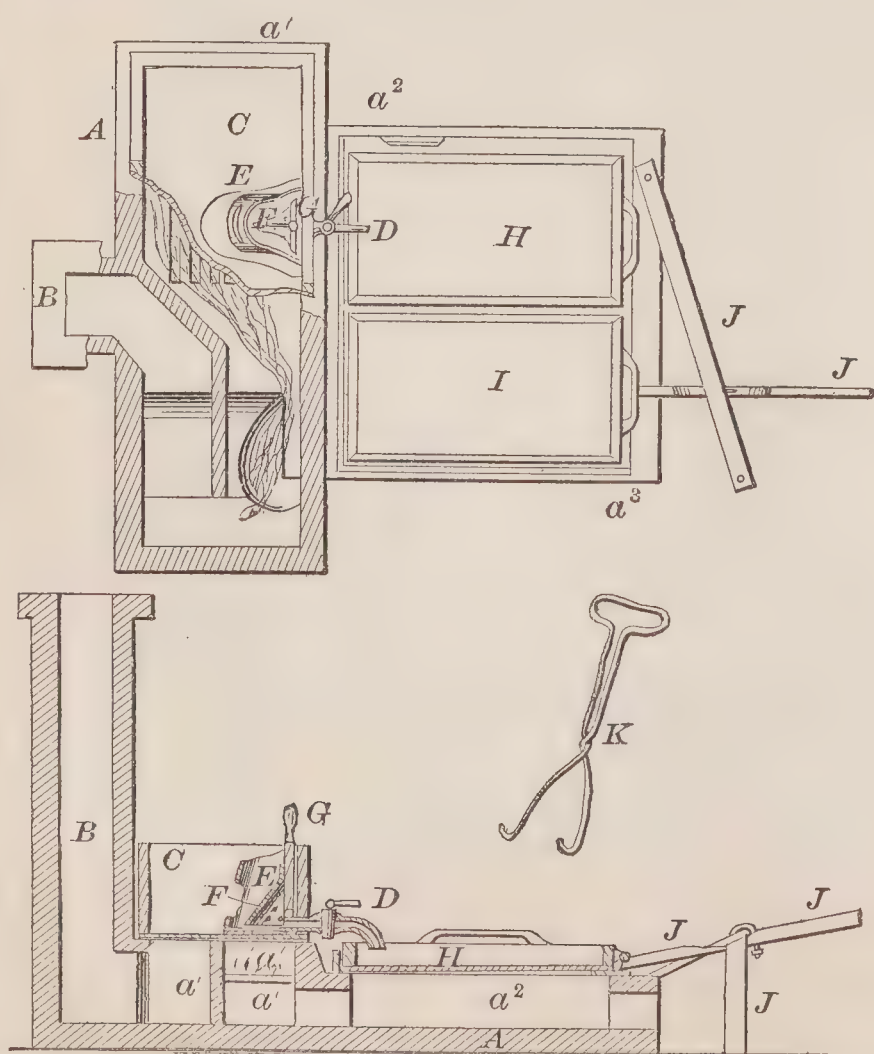
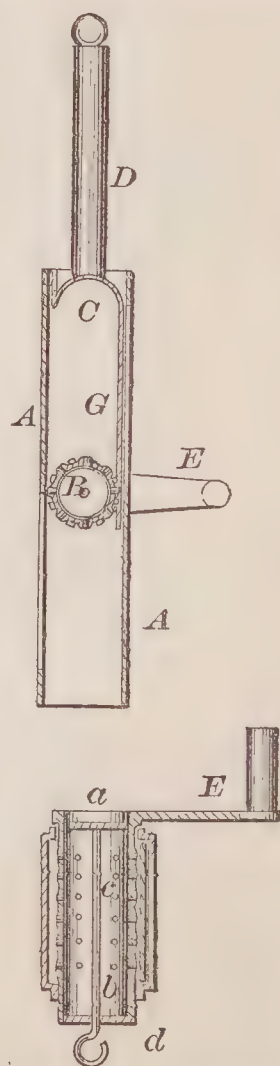
80339—P. Daniels—*Dumping Car.*



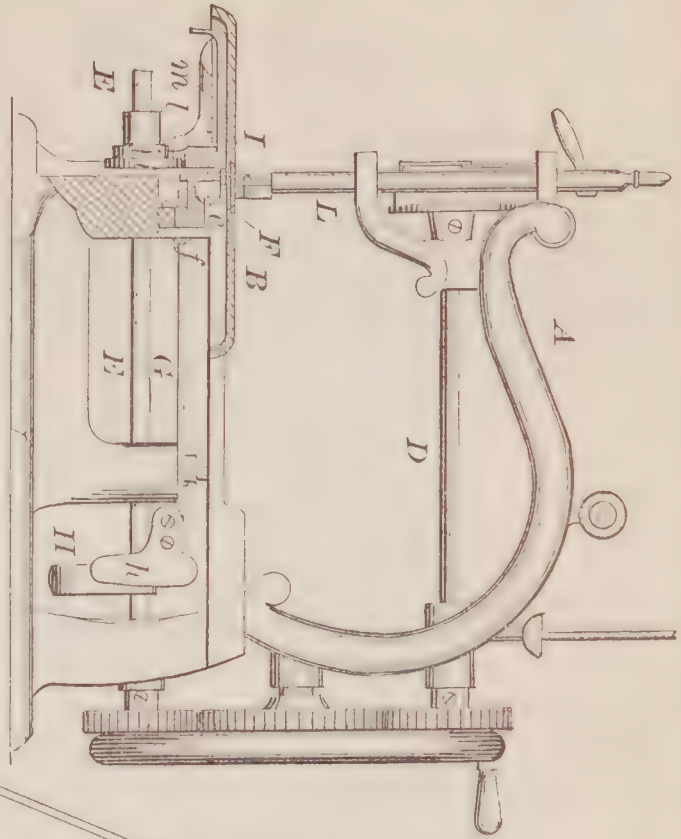
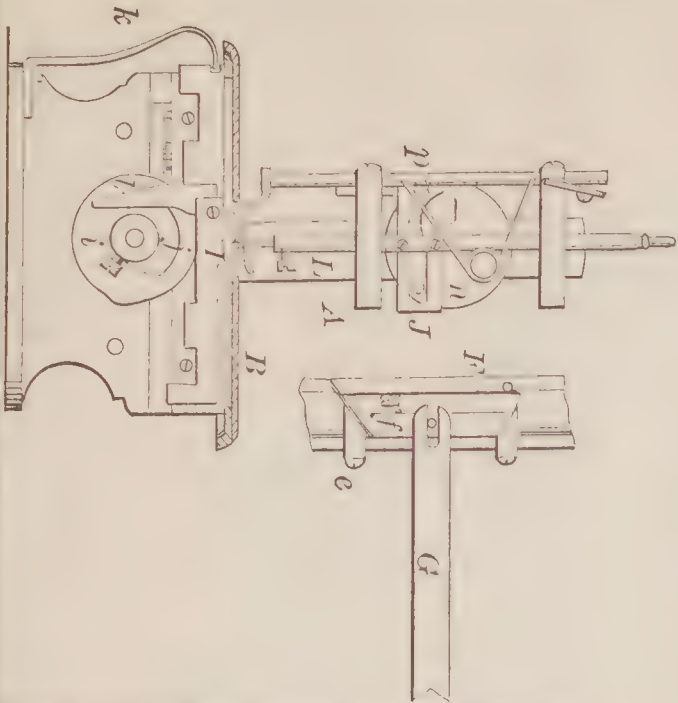
80337—W. P. Cutter—*Level.*



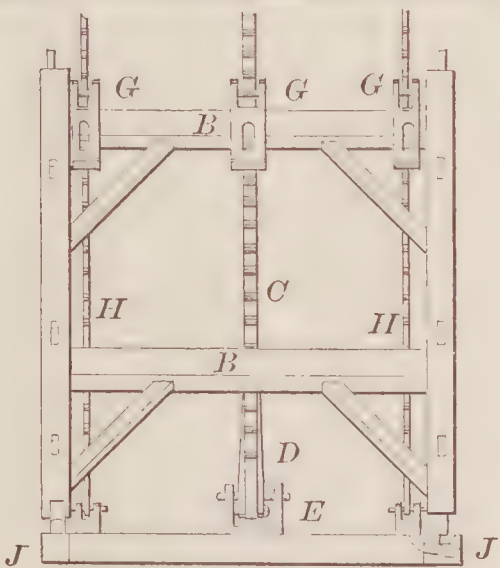
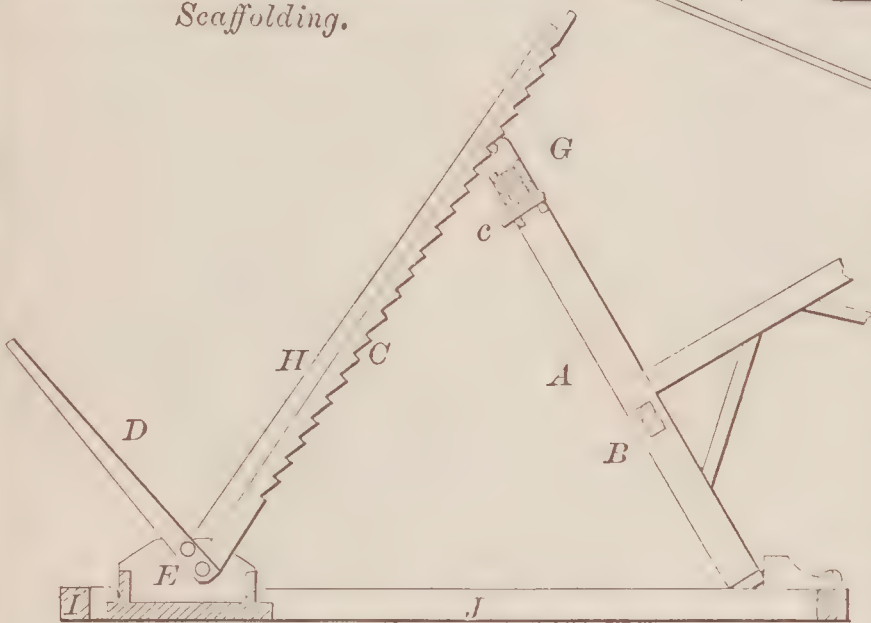


80338—H. A. Daniels—*Sawing Machine.*80341—G. E. Eastman—*Pail Ear.*80343—L. Fellheimer—*Hoop Skirt Clasp.*80340—W. Dill—*For Clarifying Sugar Juice.*80344—E. Fernald—*For Holding Tools against Grindstones.*80342—N. Evinger—*Evaporator.*80347—E. A. Goodes—*Nutmeg Grater.*

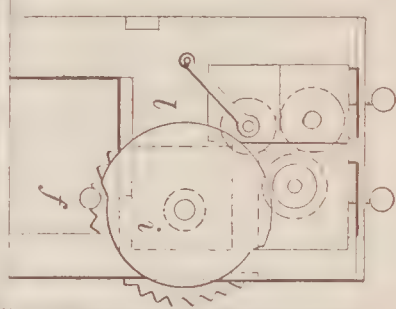
80345—S. French—*Sewing Machine.*



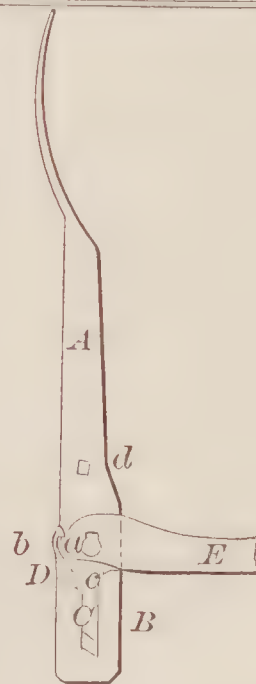
80346—Glover, Orner & Orner—*Scaffolding.*



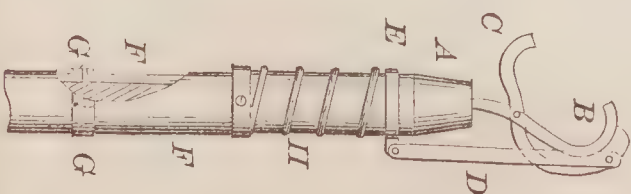
80348—Grove & Hedrick—*For Bending Sheet Metal.*



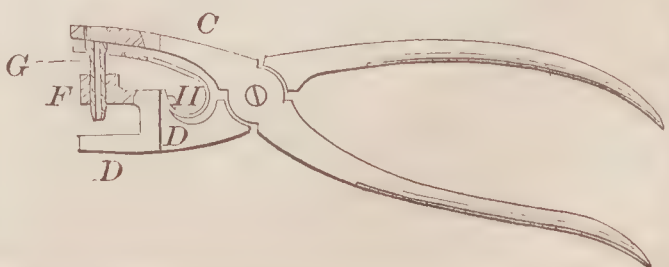
80351—H. Howe—*Bolt Cutter.*



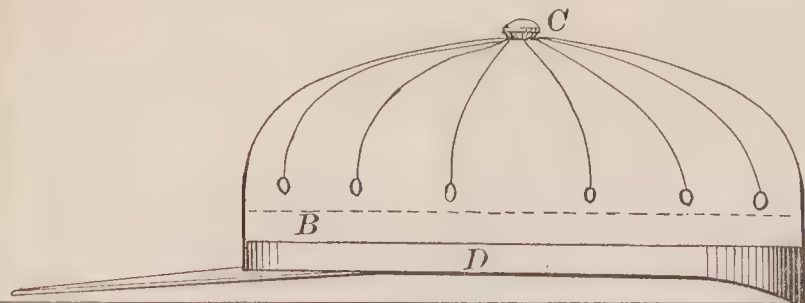
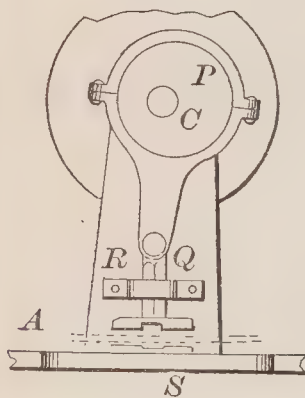
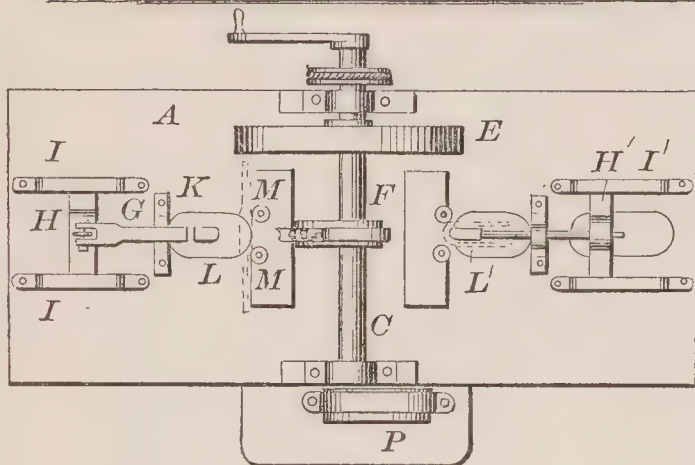
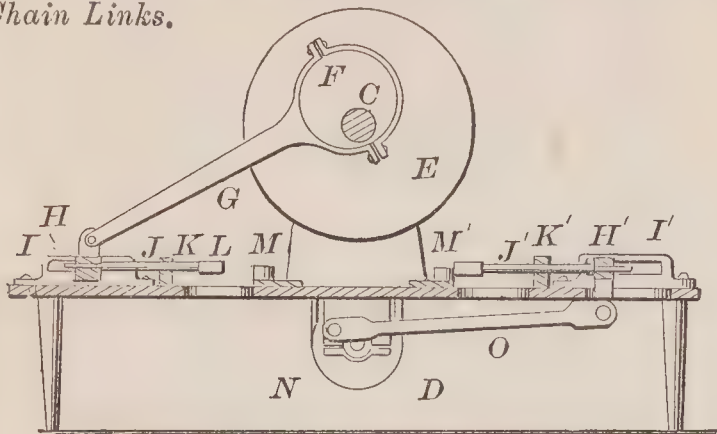
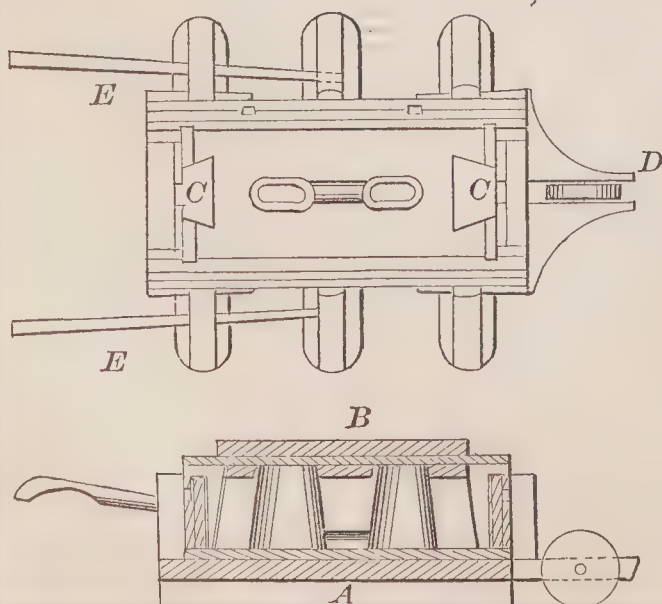
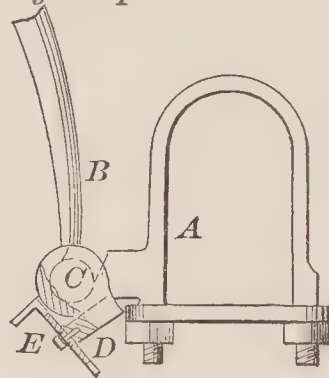
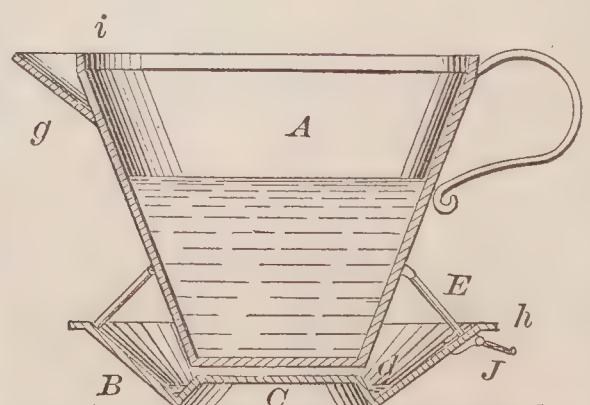
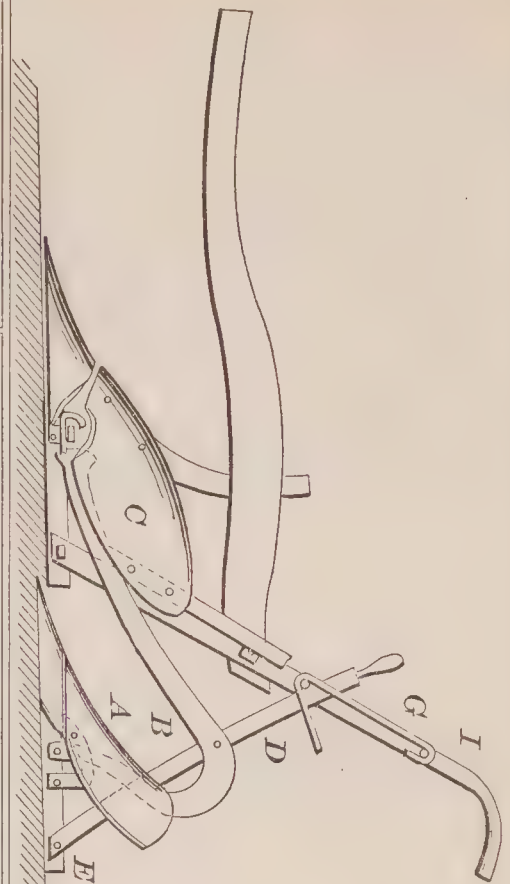
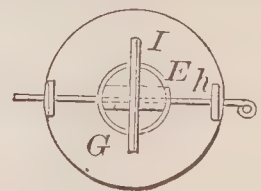
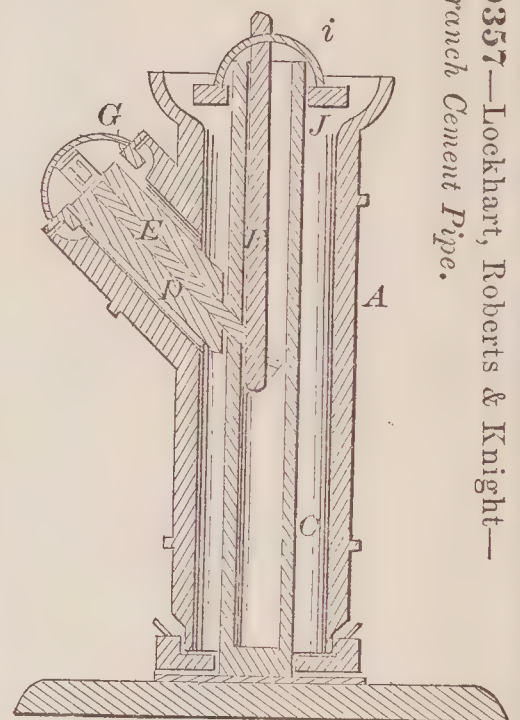
80350—J. Hoffman—*Tanners' Hook.*



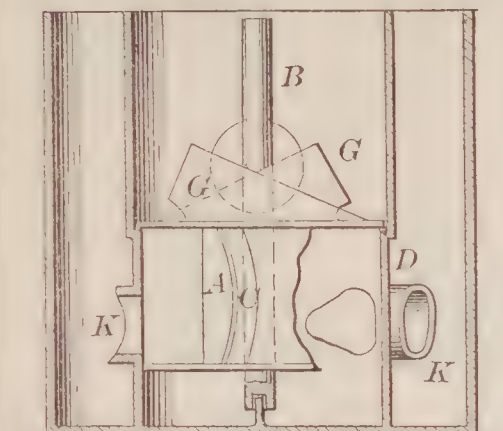
80349—J. D. Higgins—*Hand Punch.*



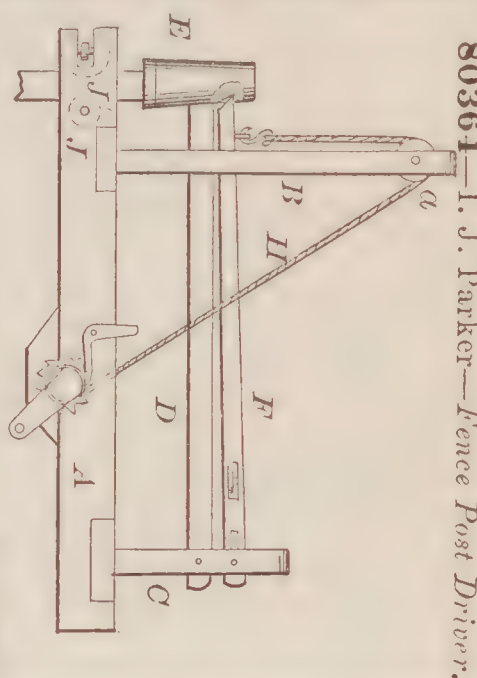
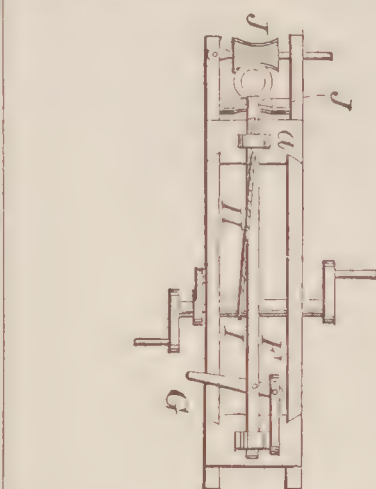
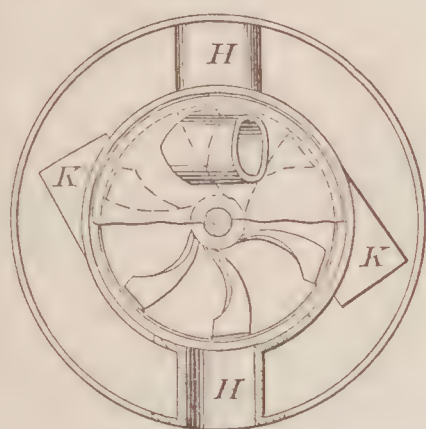
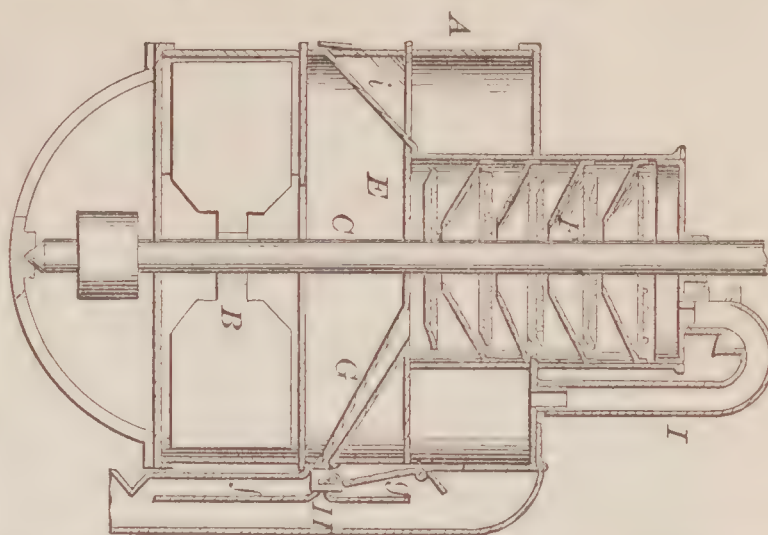


80352—Imbach & Weidenman—*Paper Cap.*80354—P. Kendrick—*For Flattening and Bending Chain Links.*80360—T. McCreary—*Carriage Clip*80358—T. J. Lowry—*Mould for Building Blocks.*80355—Leslie & Tibbetts—*Nursery Cup.*80356—Leonard & Gobar—*Subsoil Attachment for Plows.*80357—Lockhart, Roberts & Knight—*Branch Cement Pipe.*

80359—L. Lyons—*Water Wheel.*

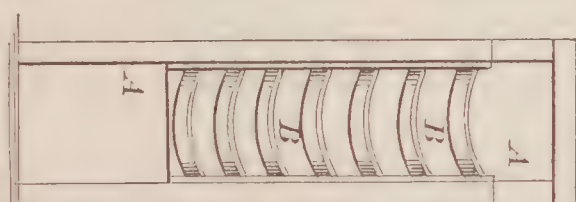


80361—E. McLane—*Smut Machine.*



80364—I. J. Parker—*Fence Post Driver.*

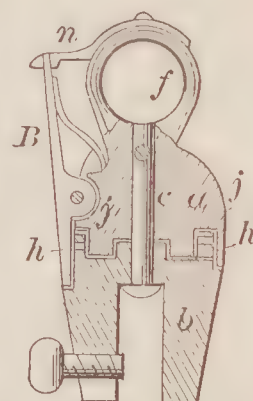
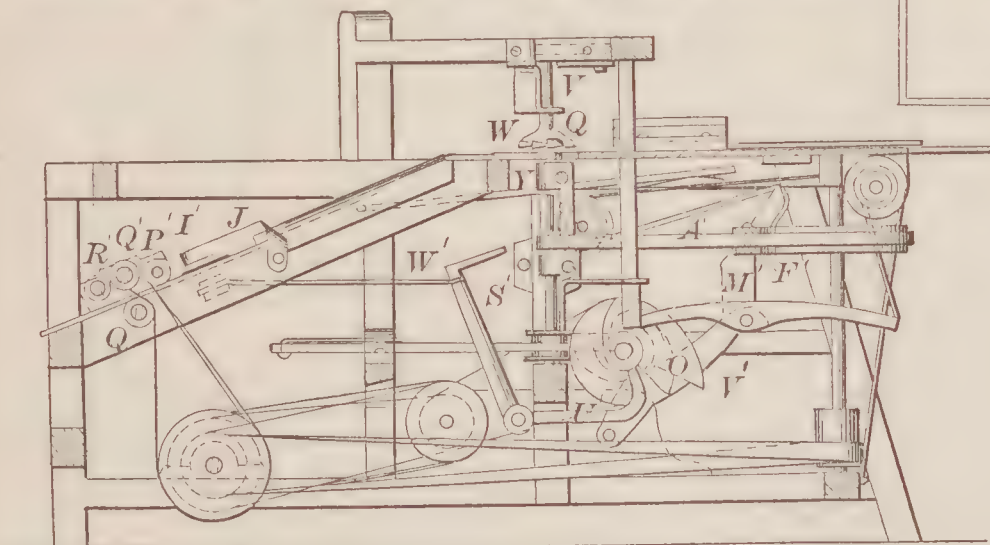
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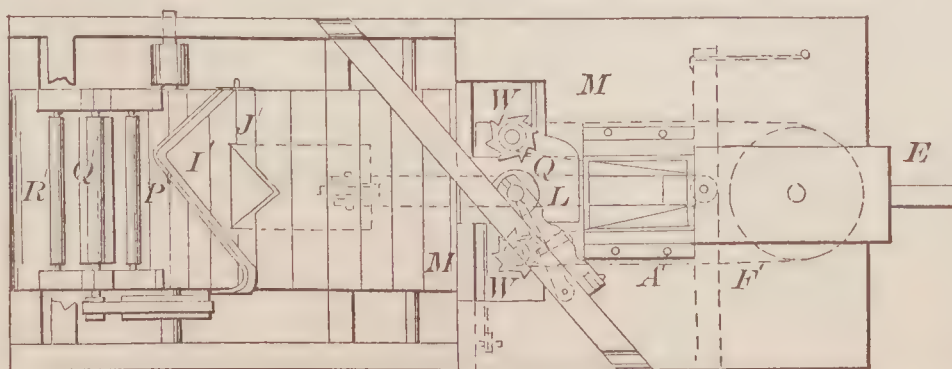
80366—W. Smith—*Boots and Shoes.*



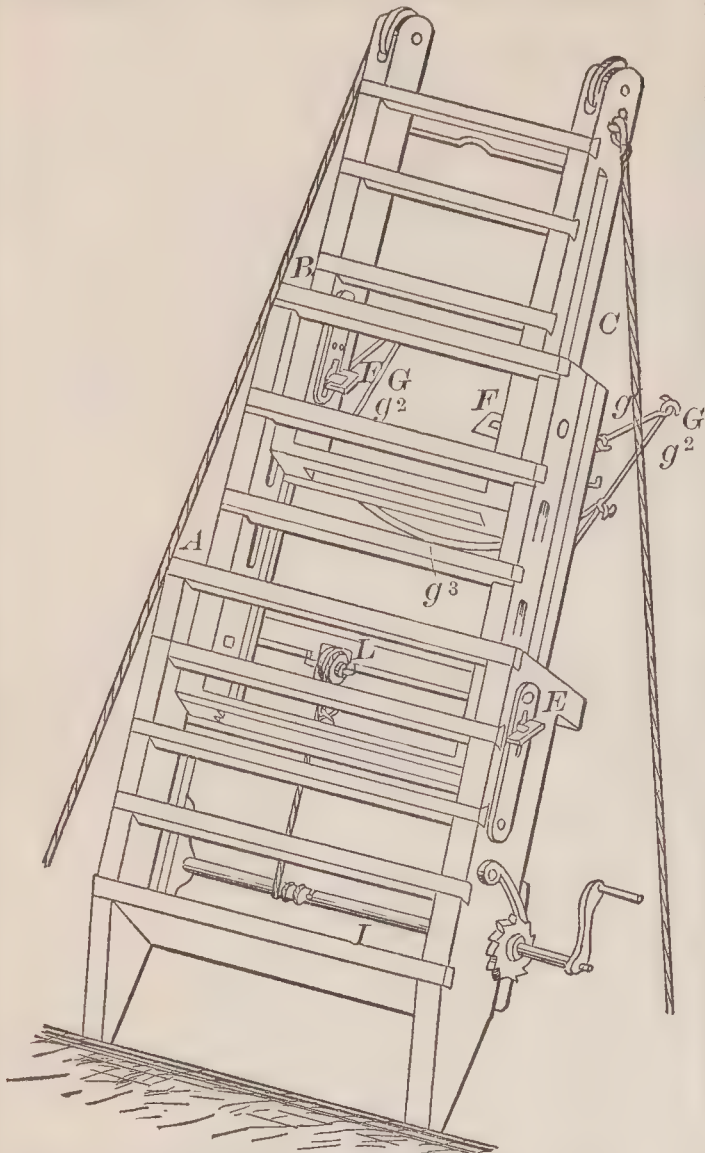
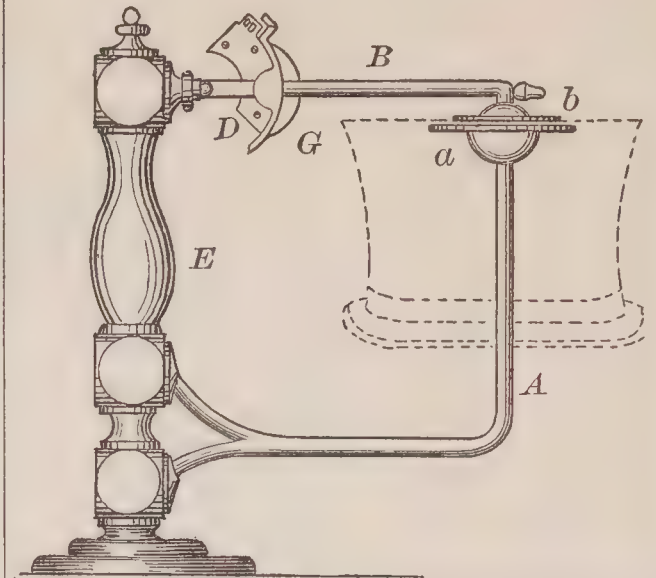
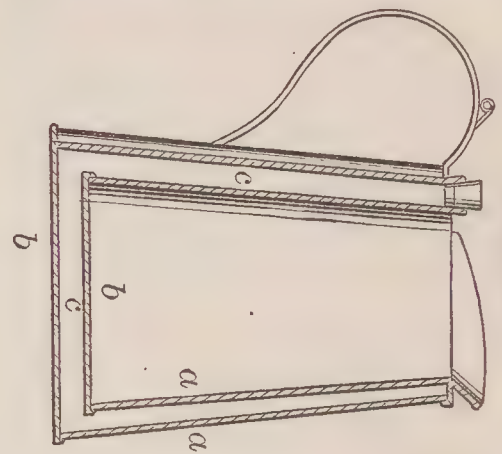
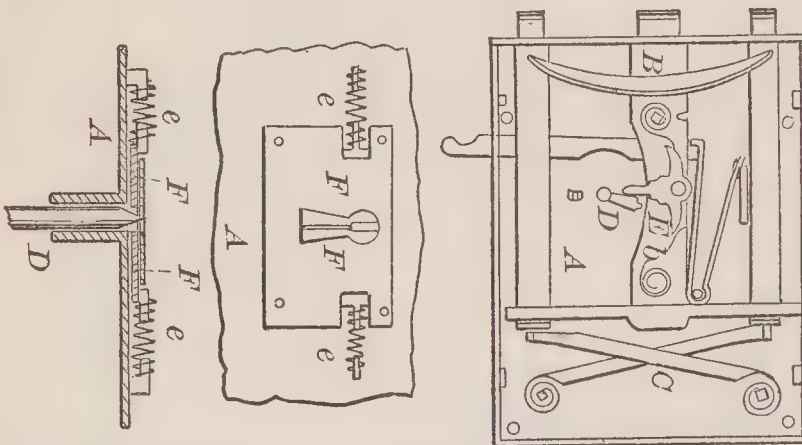
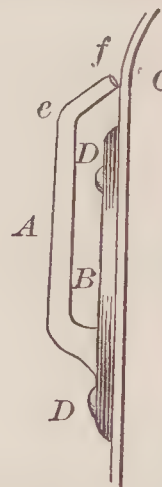
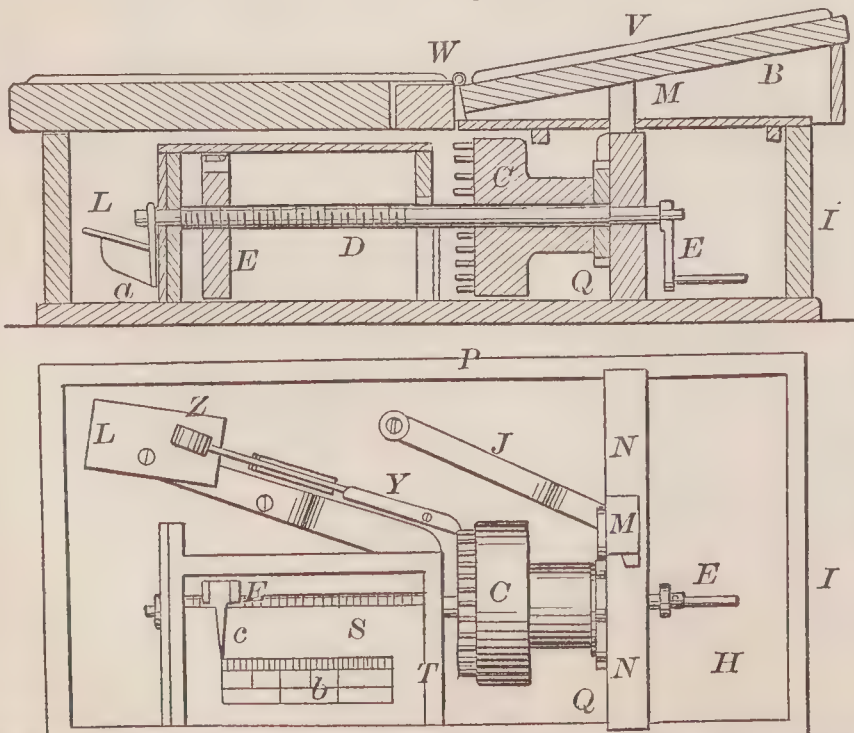
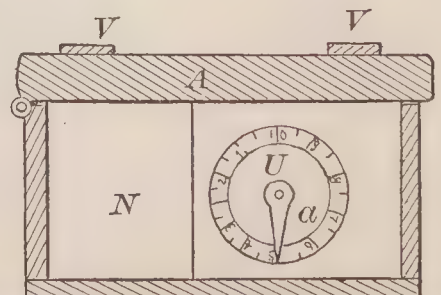
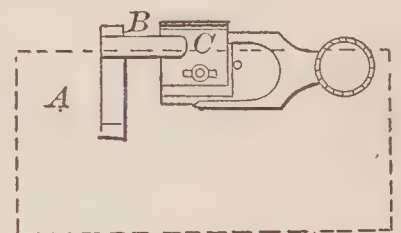
80363—W. F. Mosser—*For Dressing Slate Frames.*



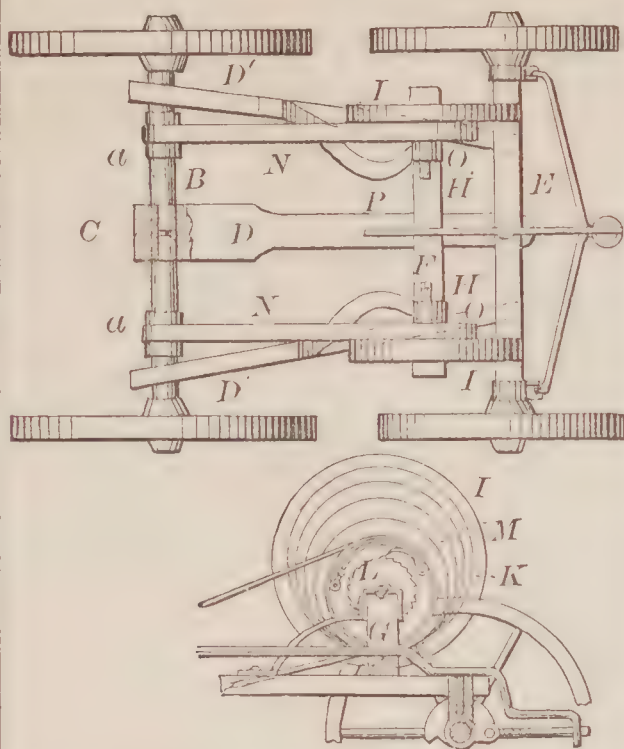
80365—H. D. Pennoyer—*Auger Handle.*





80367—J. A. Smith—*Extension Ladder.*80374—Z. Waters—*Hat Holder.*80370—W. Sprague—*Liquid Measure.*80369—J. G. Spathelf—*Door Lock.*80373—C. Wack—*Back Band Hook.*80372—B. Taylor—*Grain Register.*80371—A. Steward—*Ruffling Attachment for Sewing Machines.*

80377—J. Whitehead—Carriage.



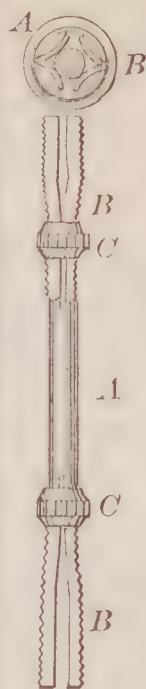
80376—C. B. White—Gib and Self-Oiler.



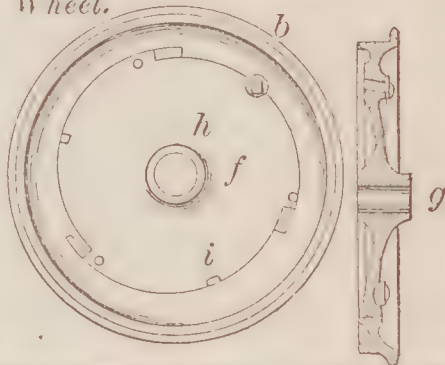
80379—W. Young, Jr.—Door Mat.



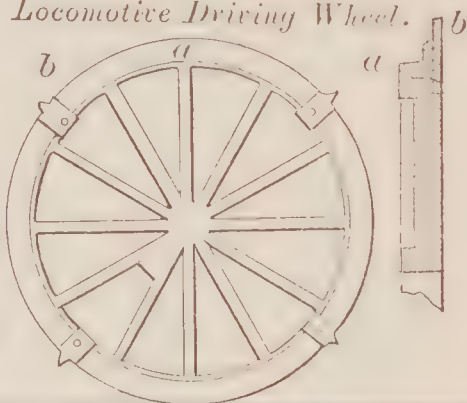
80378—R. Wright—Crayon Holder.



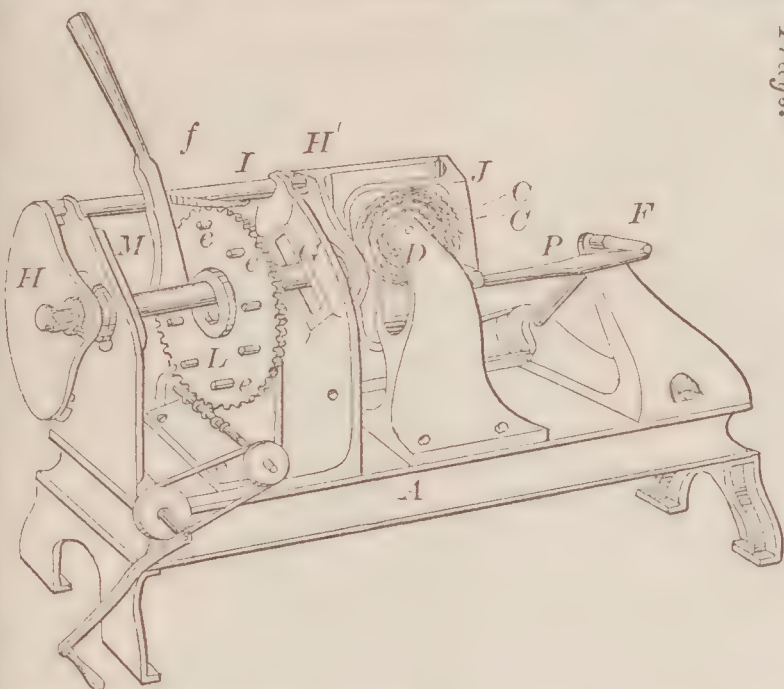
80380—A. Atwood—Car Wheel.



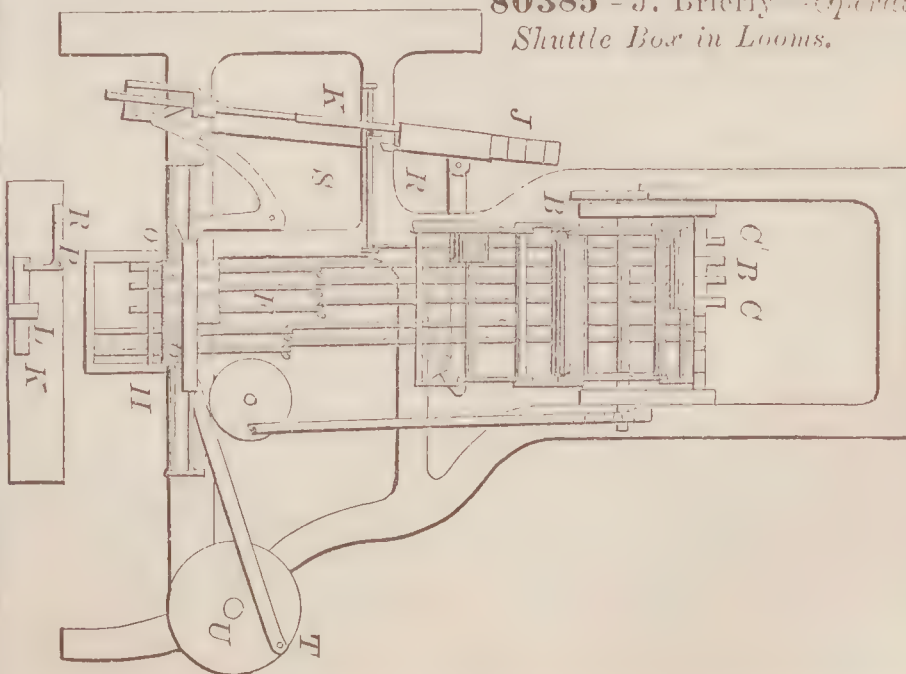
80381—J. Birkenhead—Locomotive Driving Wheel.



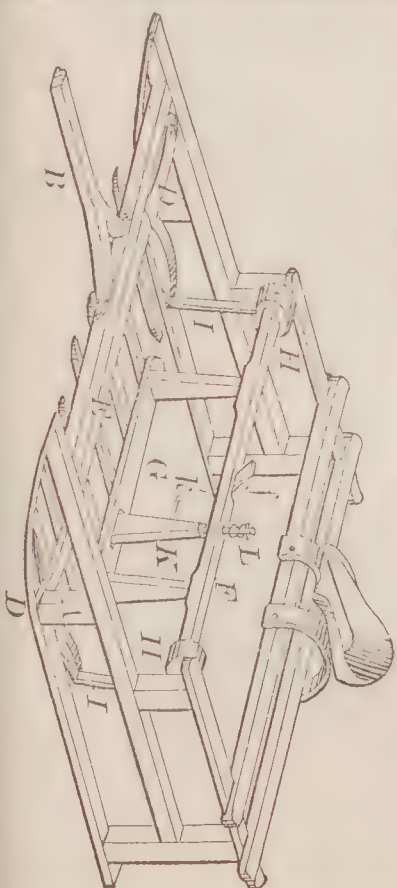
80382—H. Barber—For Making Wooden Trays.



80385—J. Brierly—Operating Shuttle Box in Looms.

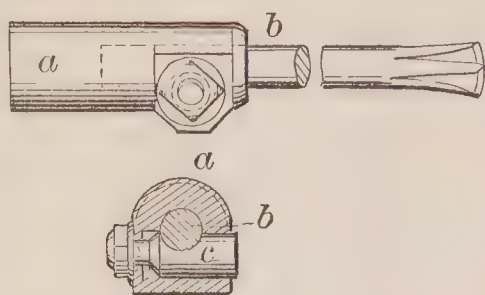


80383—W. H. Burton—Horse Rake.

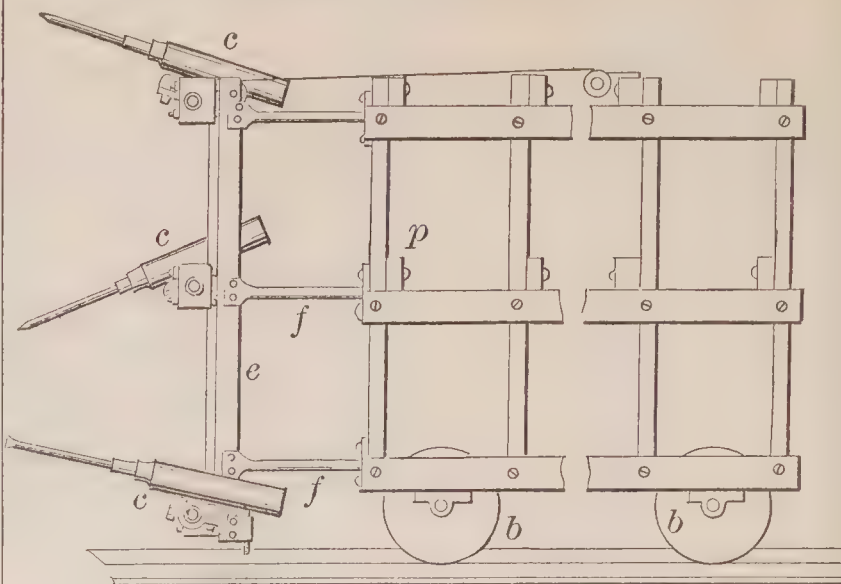




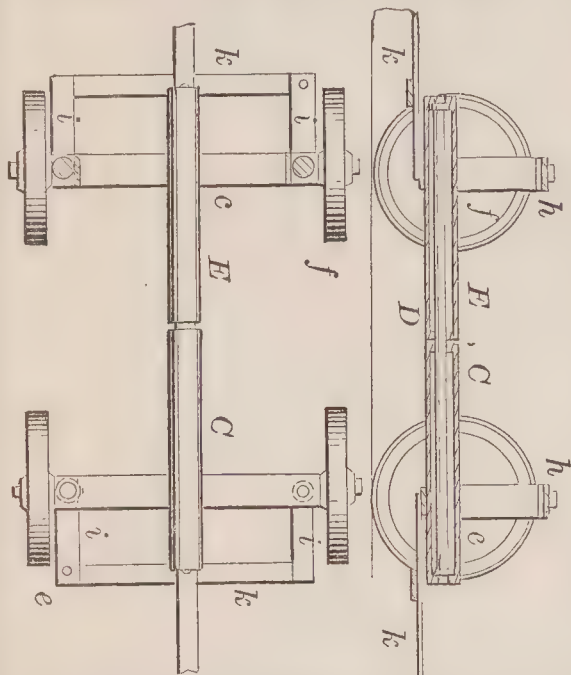
80386—C. Burleigh—*Drill Holder.*



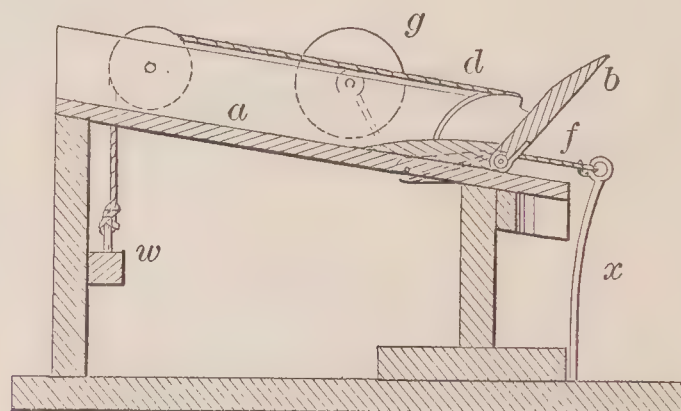
80387—C. Burleigh—*Drilling Machine Carriage.*



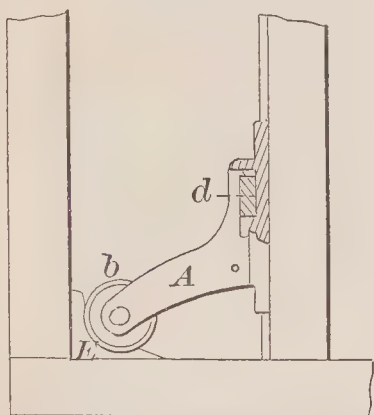
80388—O. F. Burton—*Truck.*



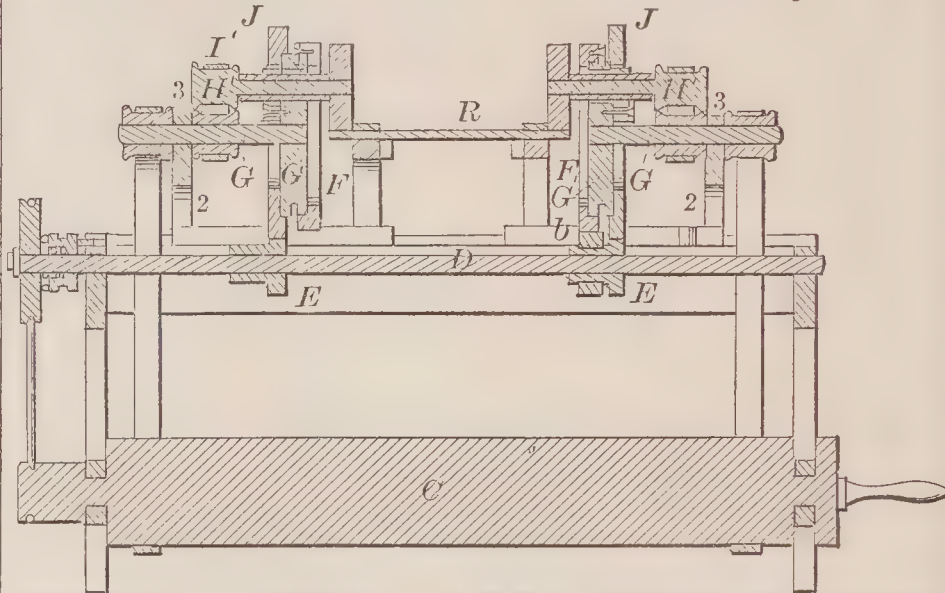
80391—J. A. Clark—*Ferry Bridge.*



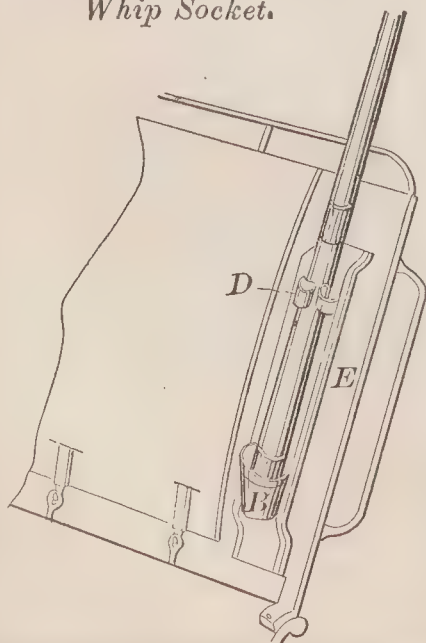
80390—J. K. Clark—*Door Holder.*



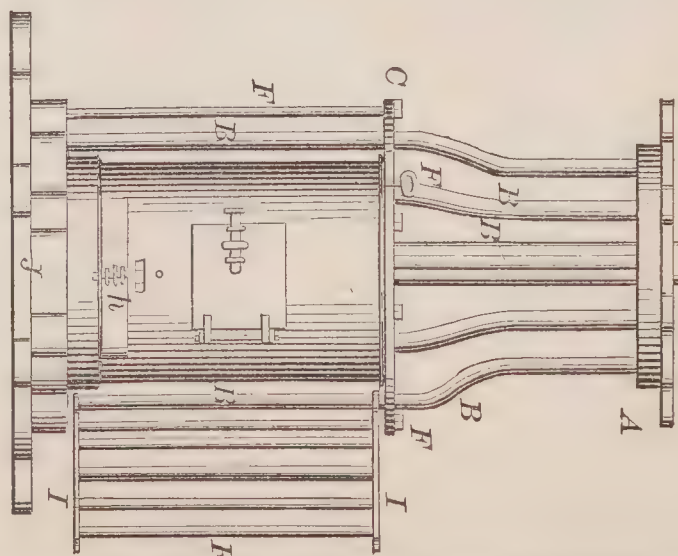
80392—M. W. Clark—*Blind Slat Tenoning Machine.*



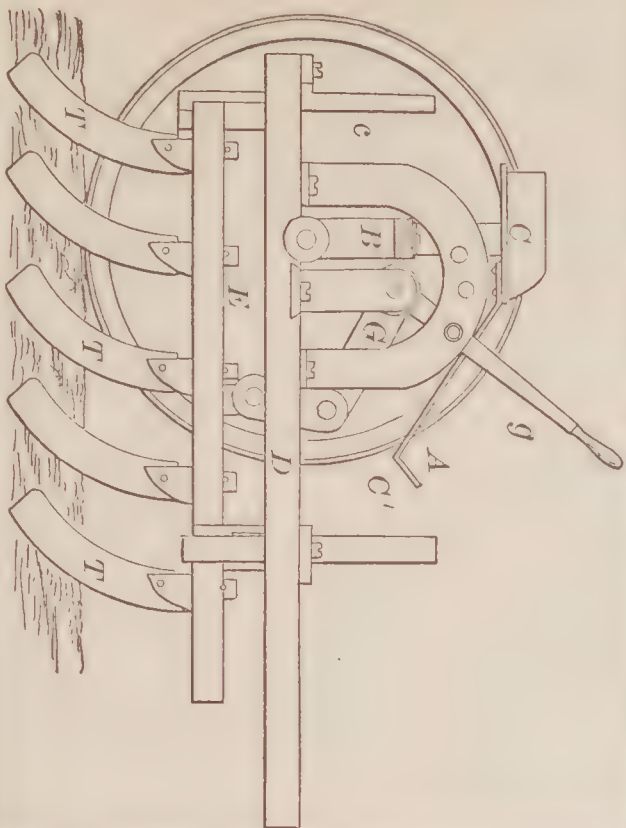
80389—C. Christian—*Whip Socket.*



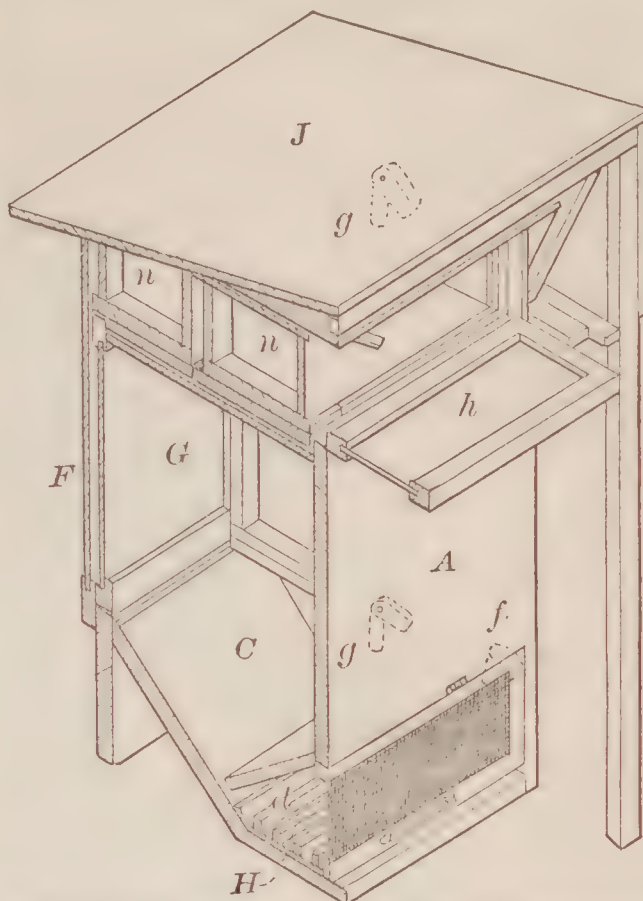
80393—M. J. Clark—*Railroad Car Stove.*



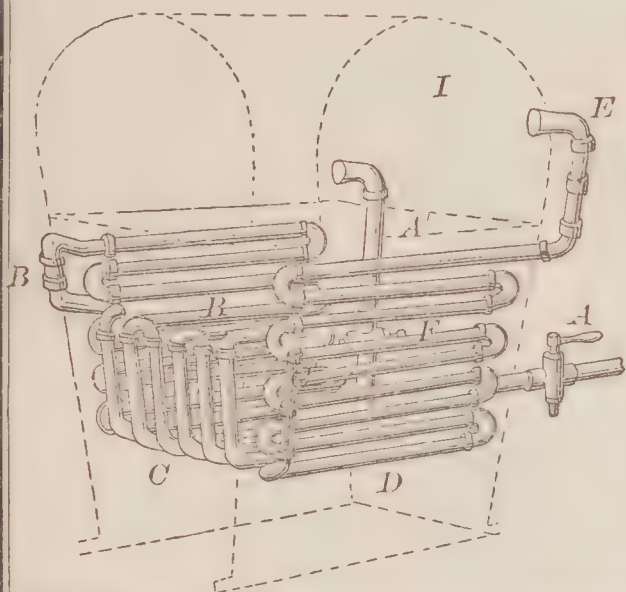
80394—I. B. Conklin—*Stubble Cutter*.



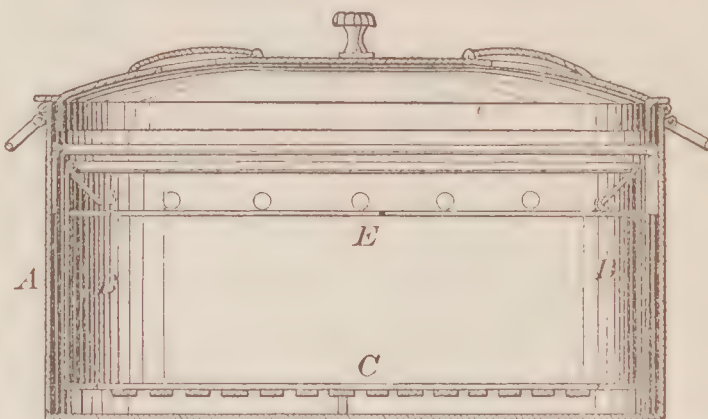
80395—S. Cuplin—*Bee hive.*



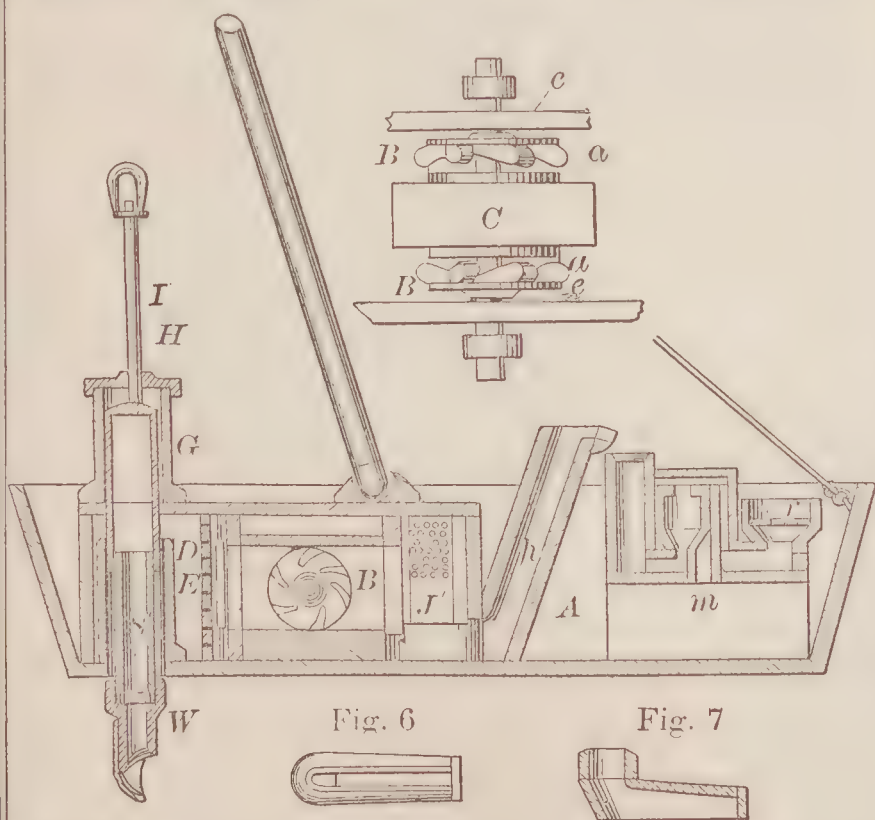
80396—J. Davis—*Steam Heater.*



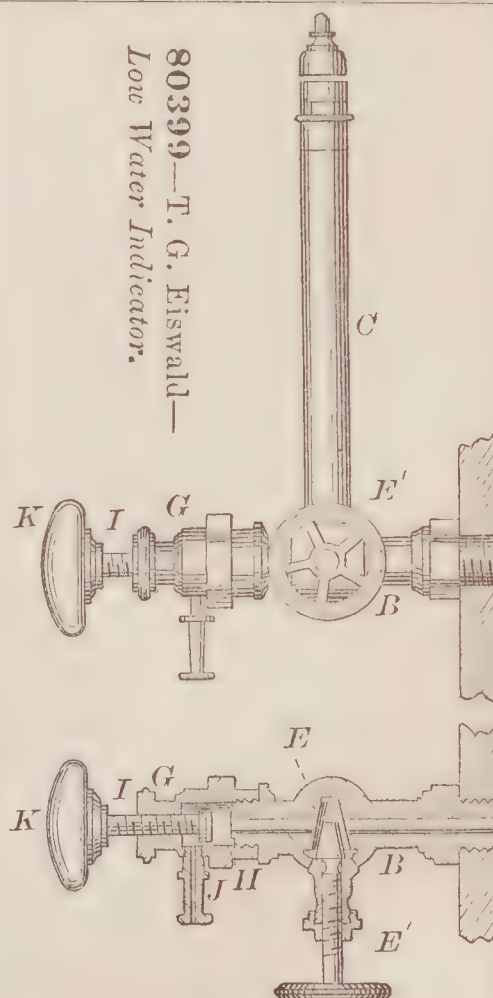
80397—D. A. Danforth—*Wash Boiler.*



80398—W. T. Duvall—*For Collecting and Separating Metallic Substances.*

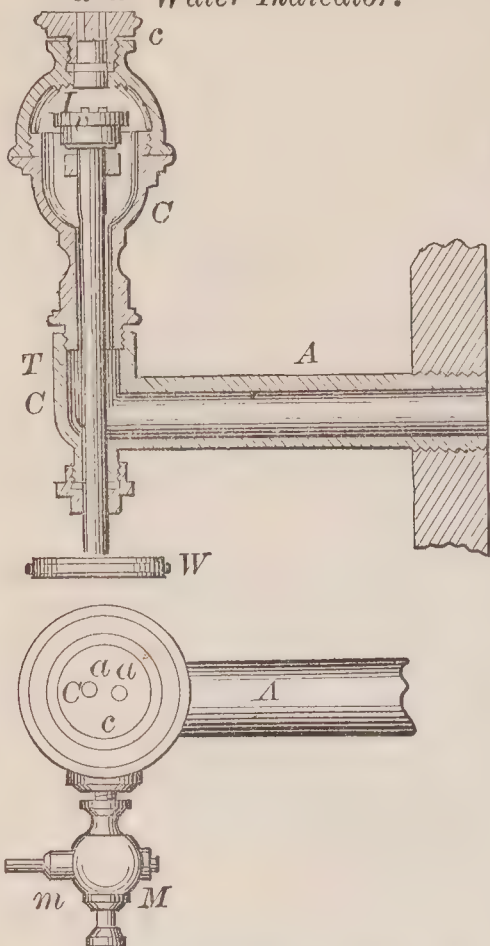


80399—T. G. Eiswald—  
*Low Water Indicator.*

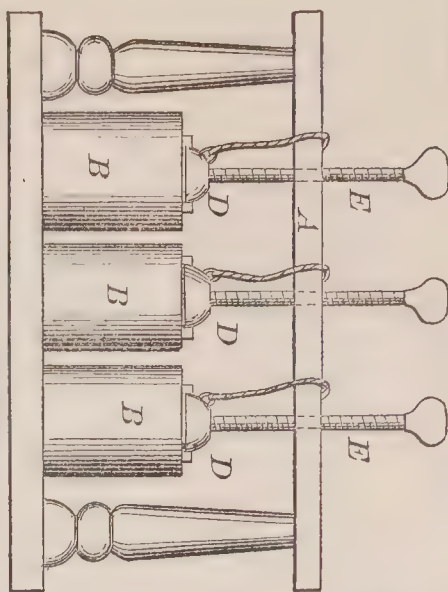




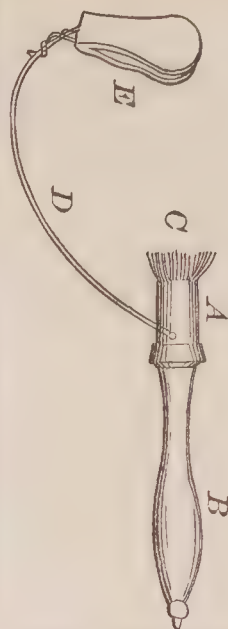
80400—T. G. Eiswald—*Low*  
*a a* Water Indicator.



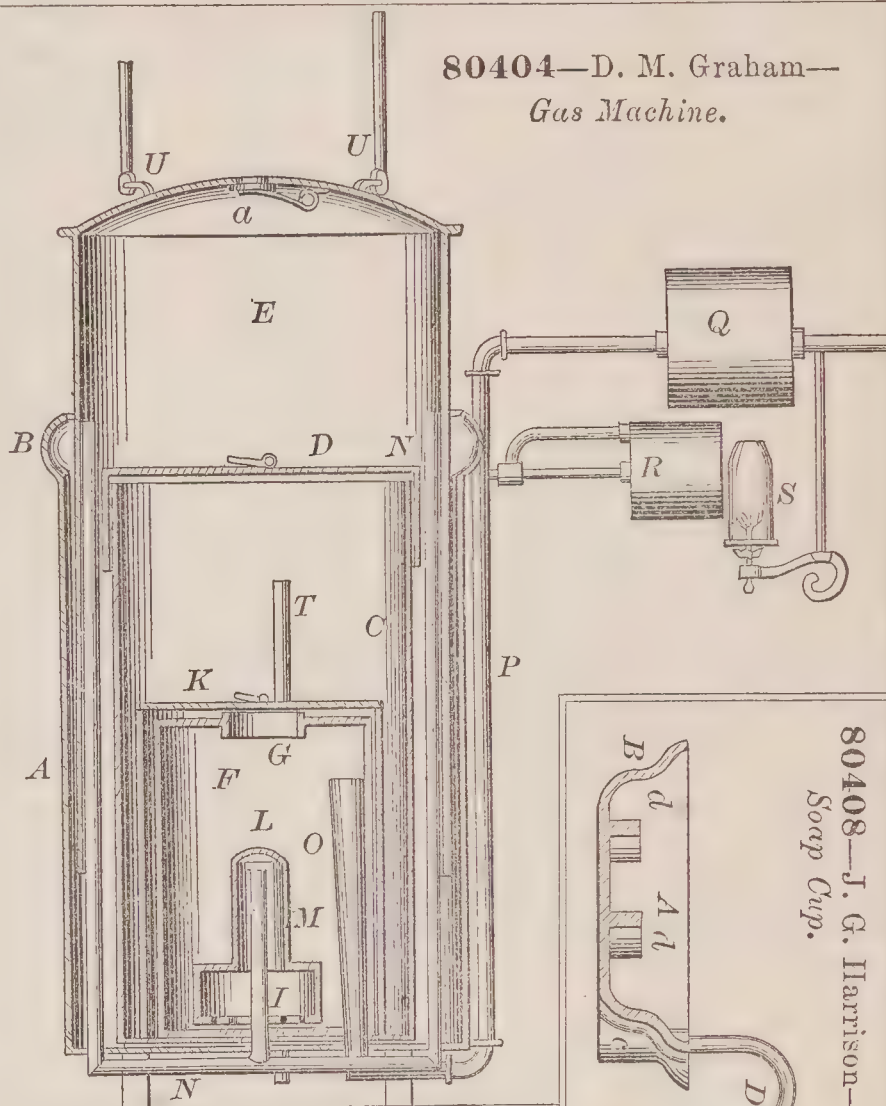
80401—T. M. Ferguson—*For Sealing*  
*Fruit Cans.*



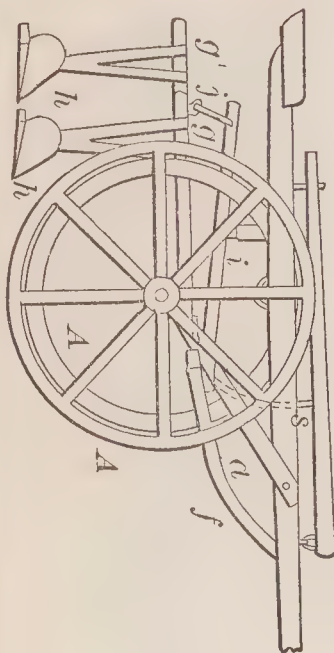
80402—W. Gates—*For Electroplating.*



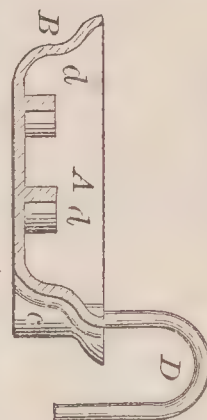
80404—D. M. Graham—*Gas Machine.*



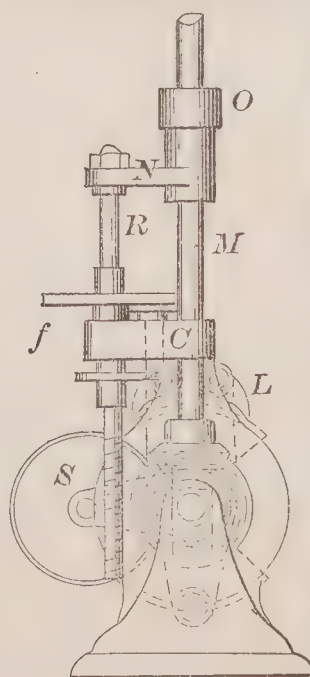
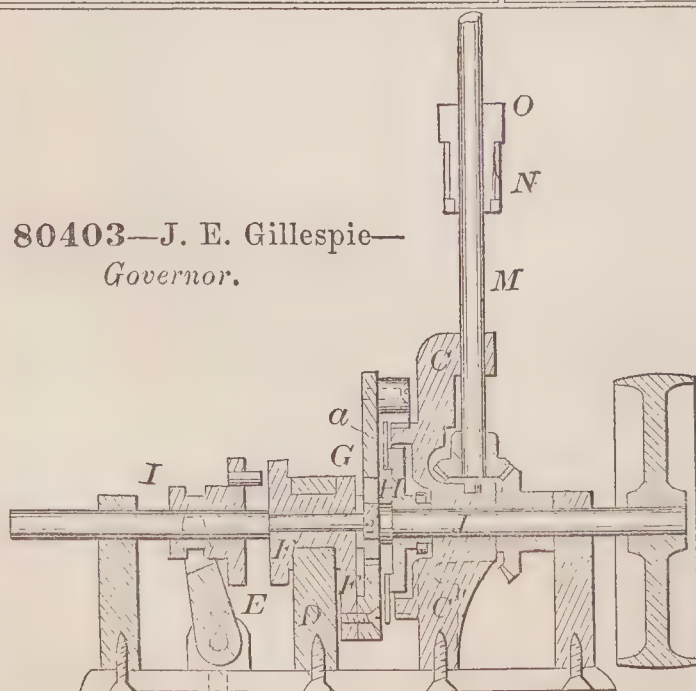
80405—S. Graham—*Gang Plow.*



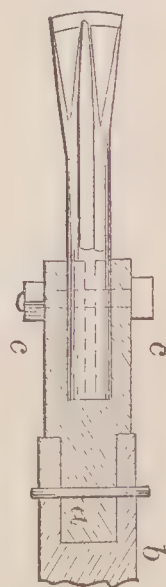
80408—J. G. Harrison—*Soap Cup.*



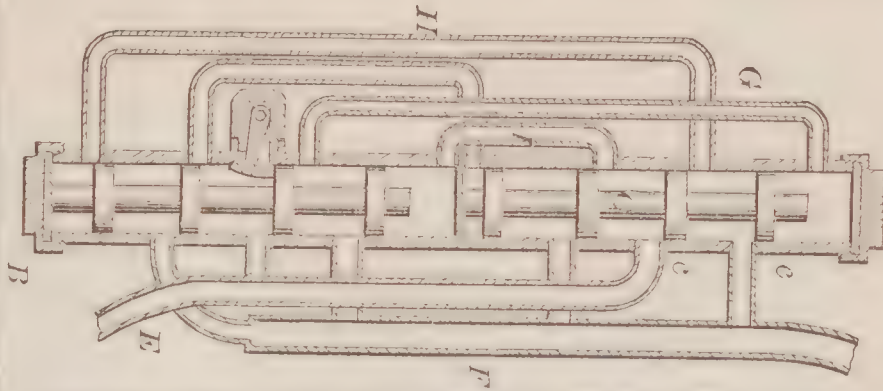
80403—J. E. Gillespie—*Governor.*



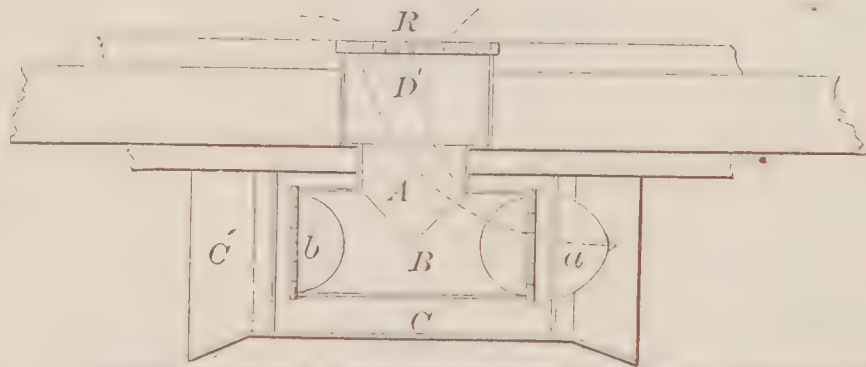
80406—W. Hall, Jr.—*Drill Holder.*



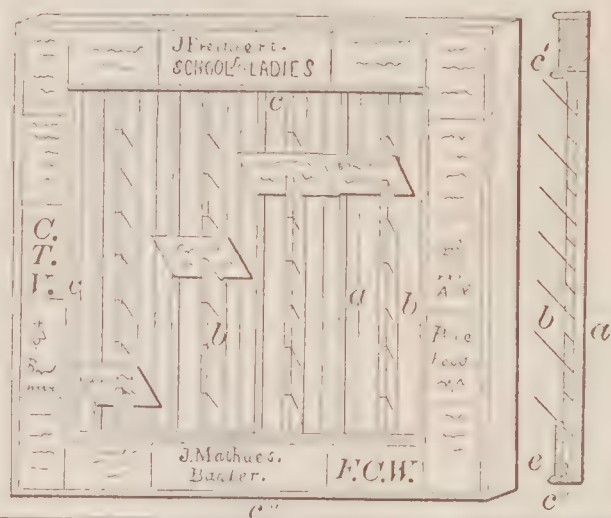
80409—A. Heaton—Water Meter.



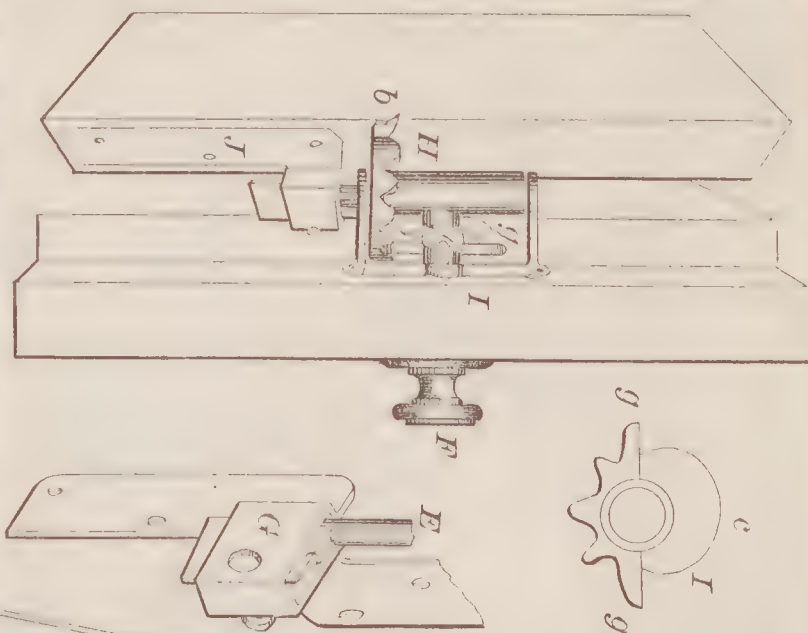
80411—M. T. Hitchcock—Railroad Car Ventilator.



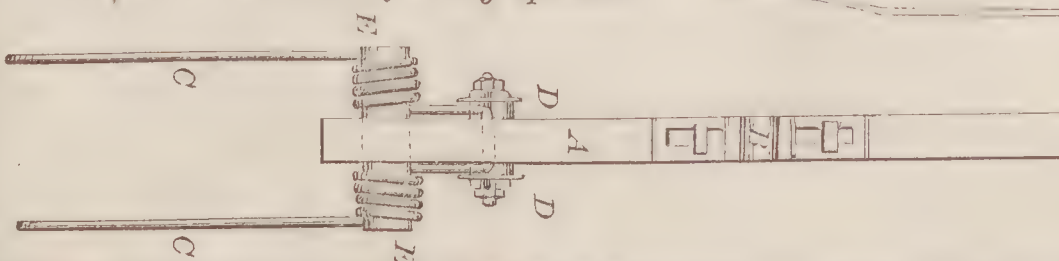
80415—M. Lepp—Card Rack.



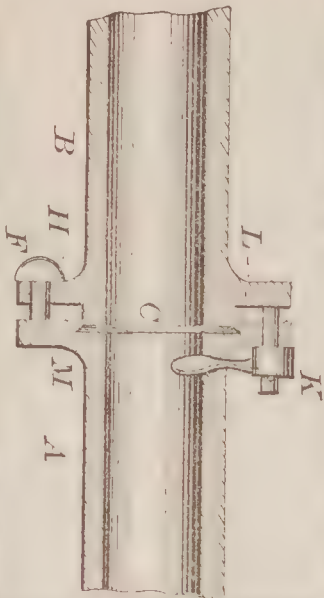
80414—C. Lehnert—Opening and Closing Shutters.



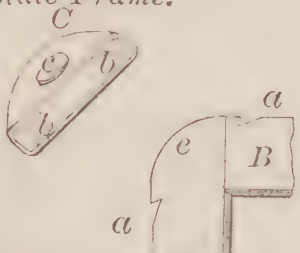
80412—De L. Kennedy—Hay Spreader.



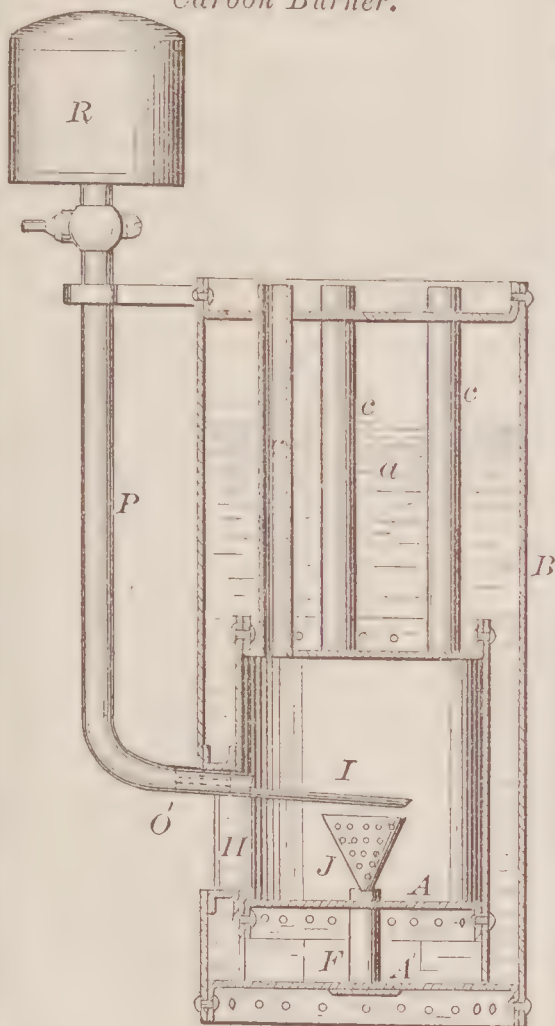
80407—Hanson & Bush—Hose Coupling.



80410—R. Heneage—Slate Frame.

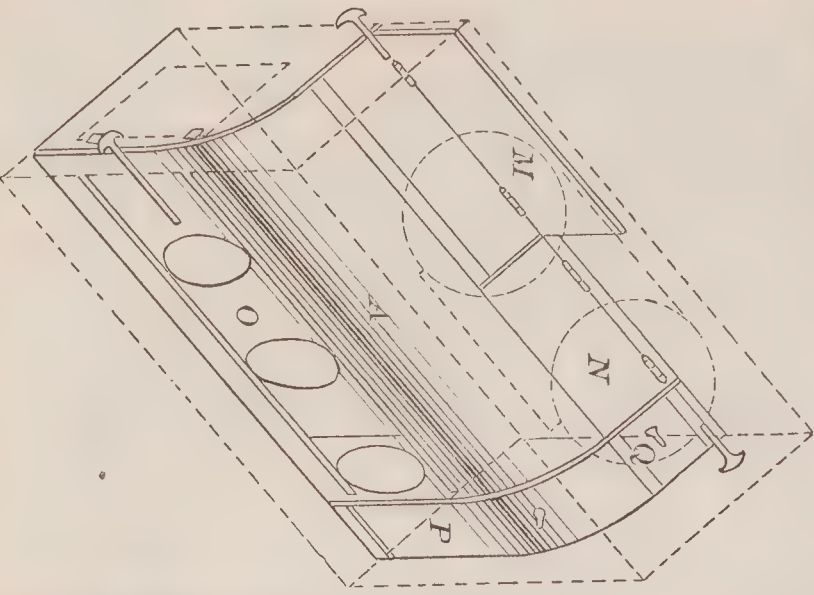


80413—S. P. Legg—Hydro-Carbon Burner.

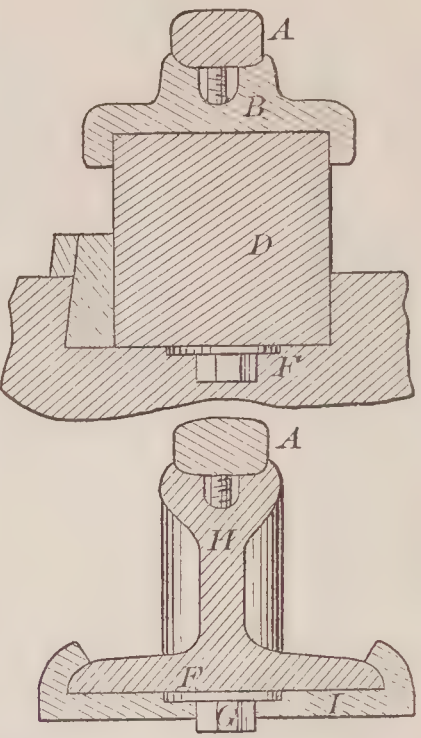




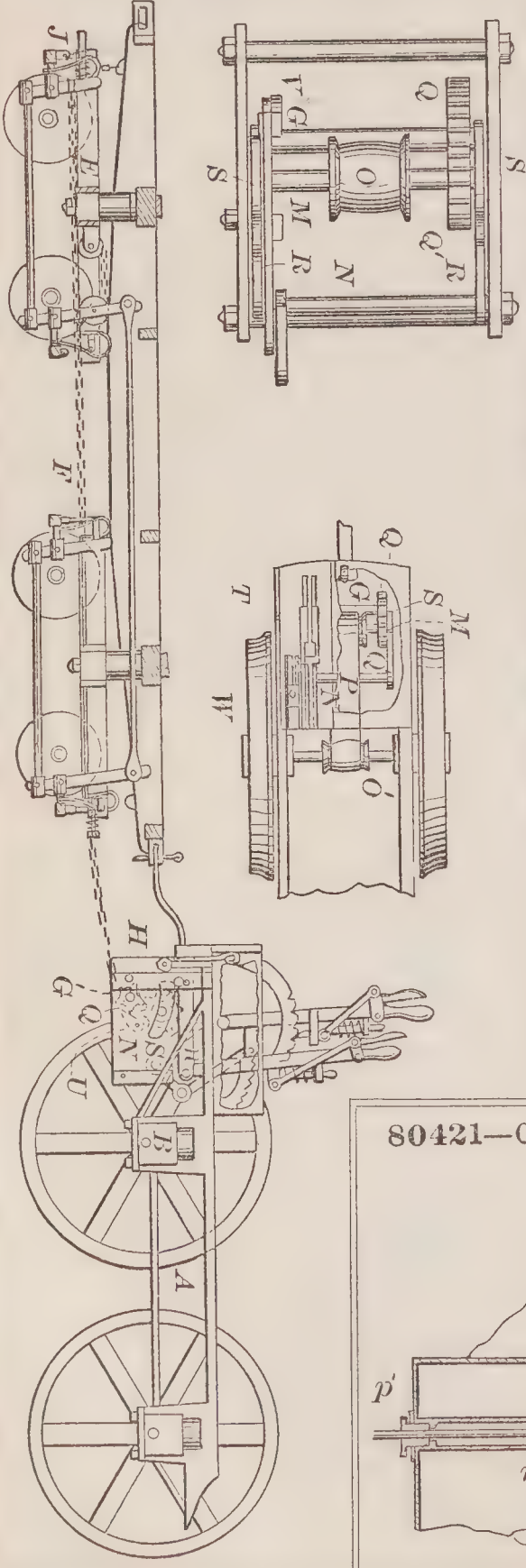
80416—J. W. Lowrey—Cooking Stove.



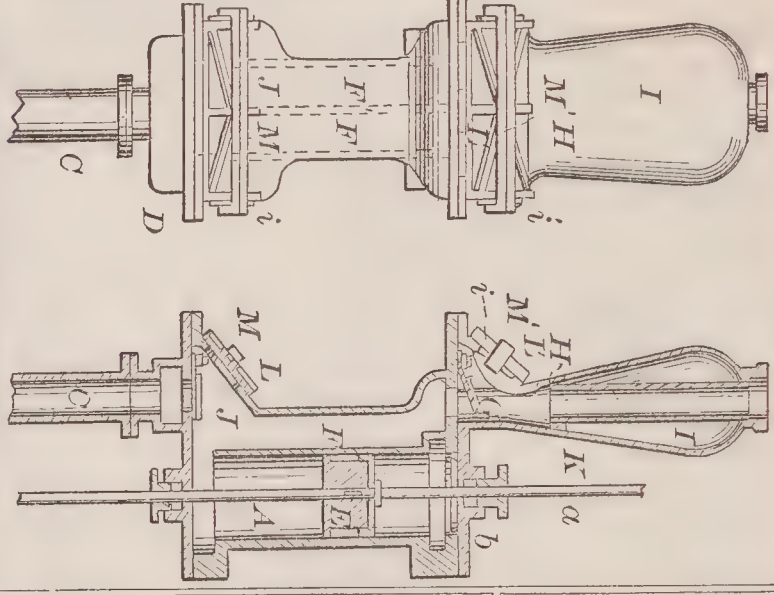
80417—R. M. Marchant—Railroad Rail.



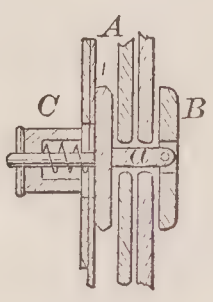
80419—S. McCambridge—Car Brake.



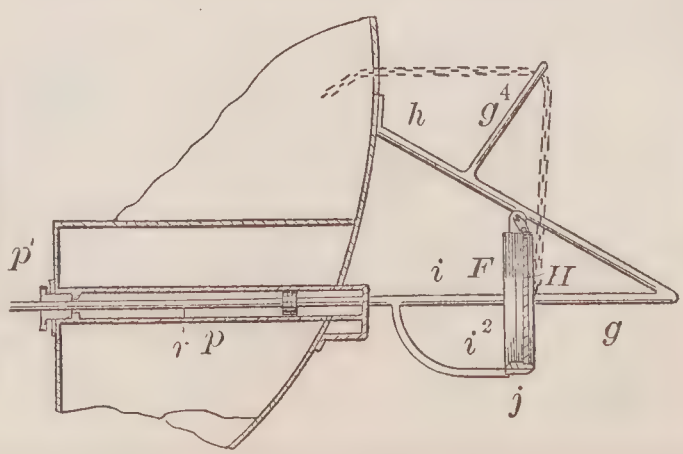
80418—G. Marshall—Pump.



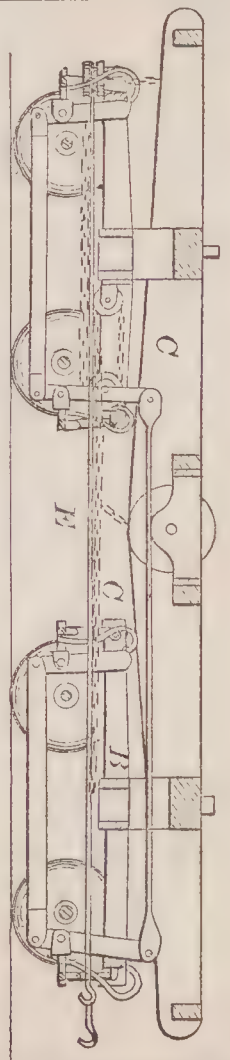
80424—C. E. Palmer—Shirt Collar Fastening.



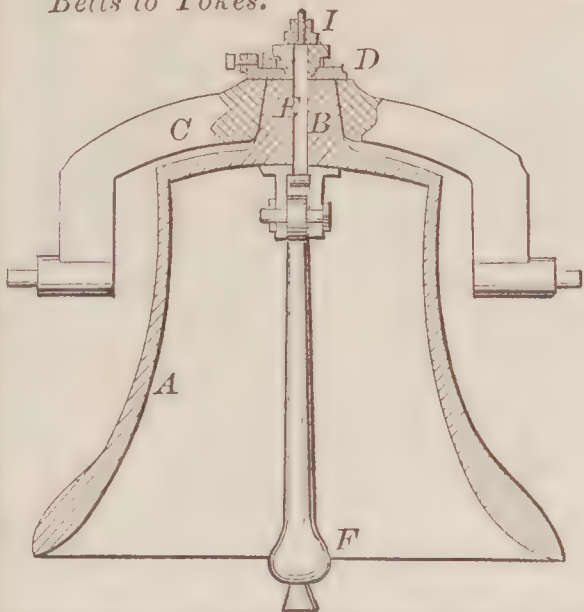
80421—C. G. Meinhardt—Propeller.



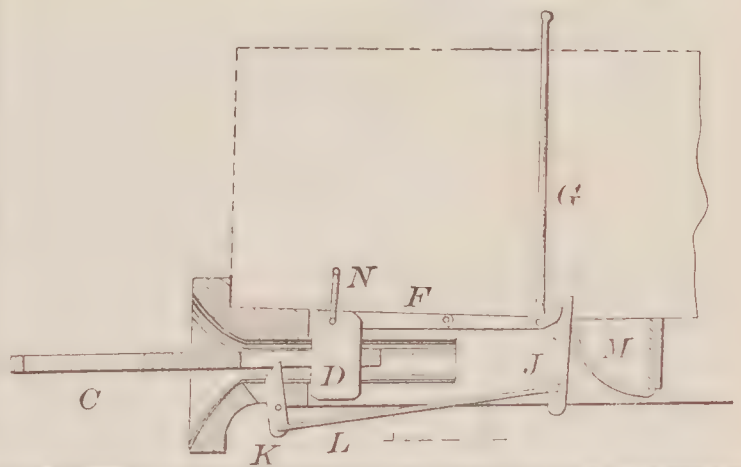
80420—McCambridge & Martin—Car Brake.



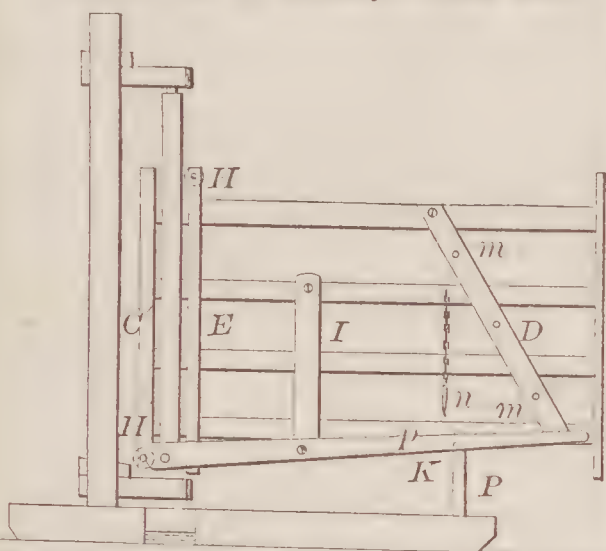
**80422**—G. R. Meneely—*Attaching Bells to Yokes.*



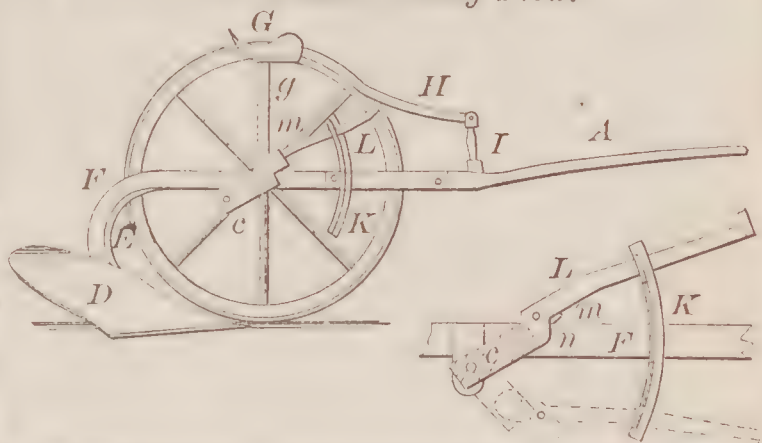
**80426**—Scott & Trimmer—*Car Coupling.*



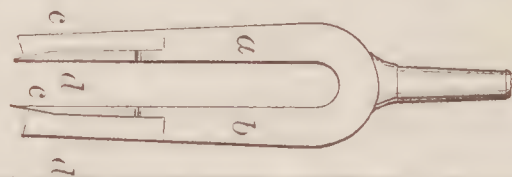
**80423**—A. B. Murray—*Snow Gate.*



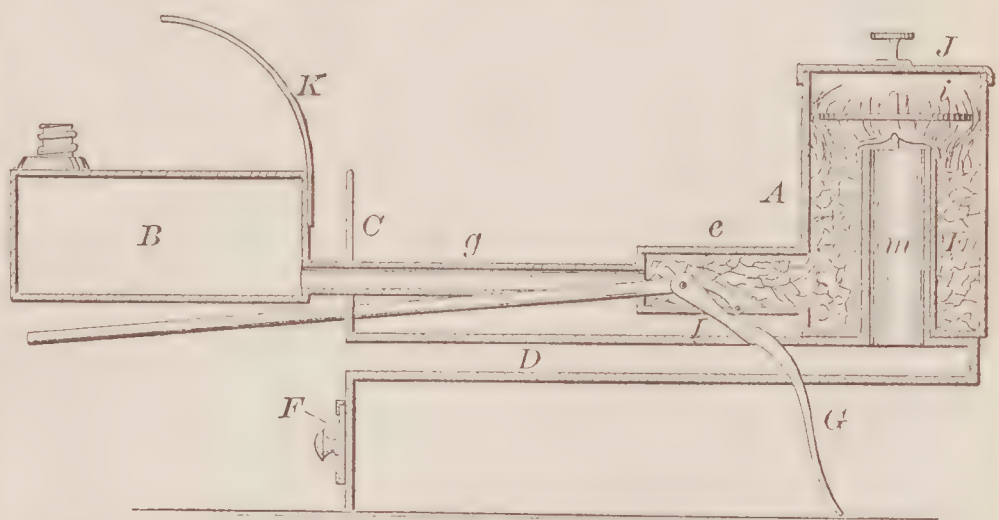
**80427**—B. Slusser—*Sulky Plow.*



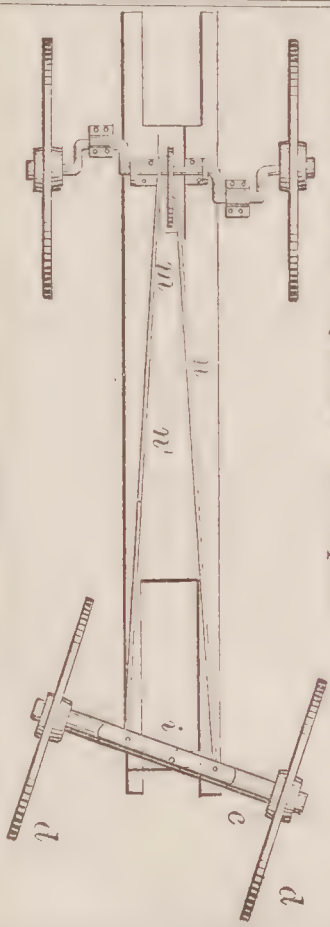
**80428**—J. M. Smith—*Mortising Chisel.*



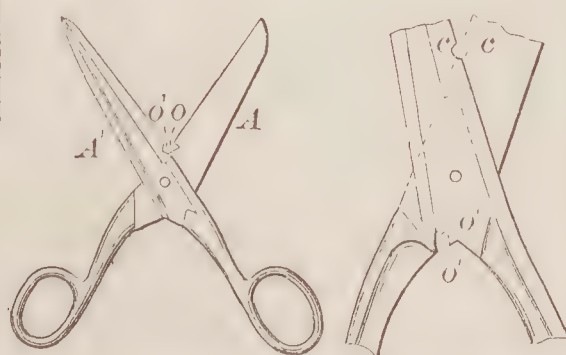
**80429**—V. G. Tansey—*Fire Kindler.*



**80425**—H. A. Reynolds—*Velocipede.*



**80432**—A. Thayer—*Scissors and Shears.*

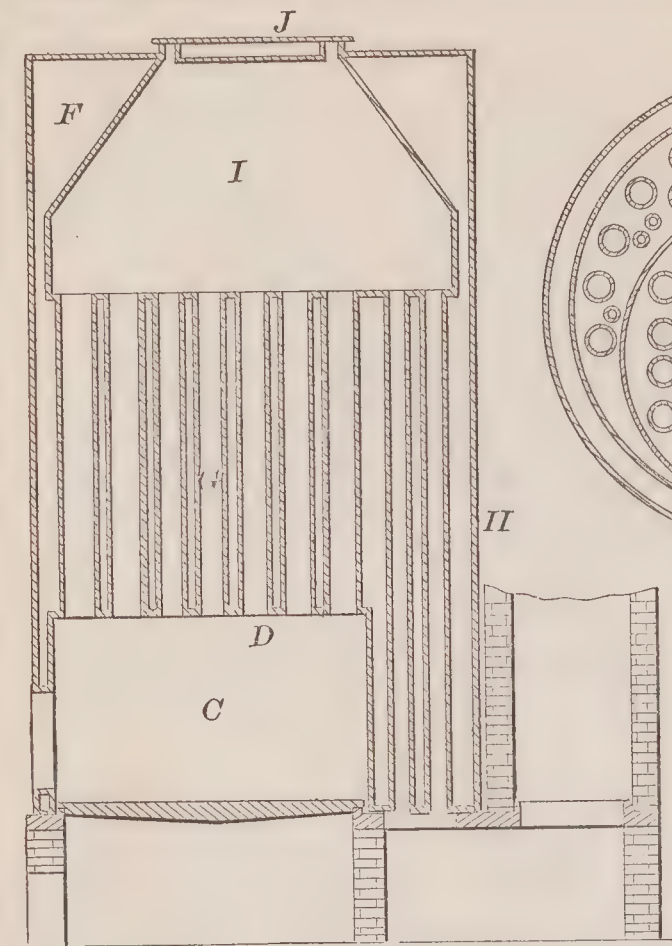


**80430**—E. P. Taylor—*Button Boot.*

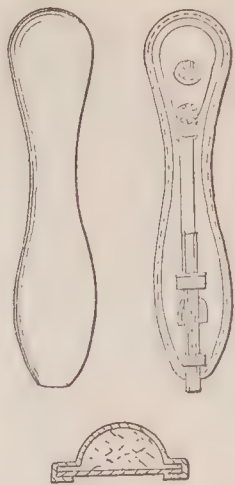




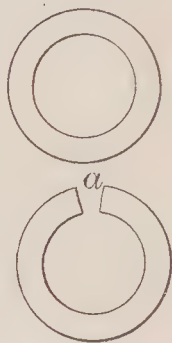
80431—Taylor & Sloat—*Steam Generator.*



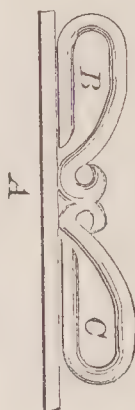
80433—J. Umbach—*Back Pad to Harness.*



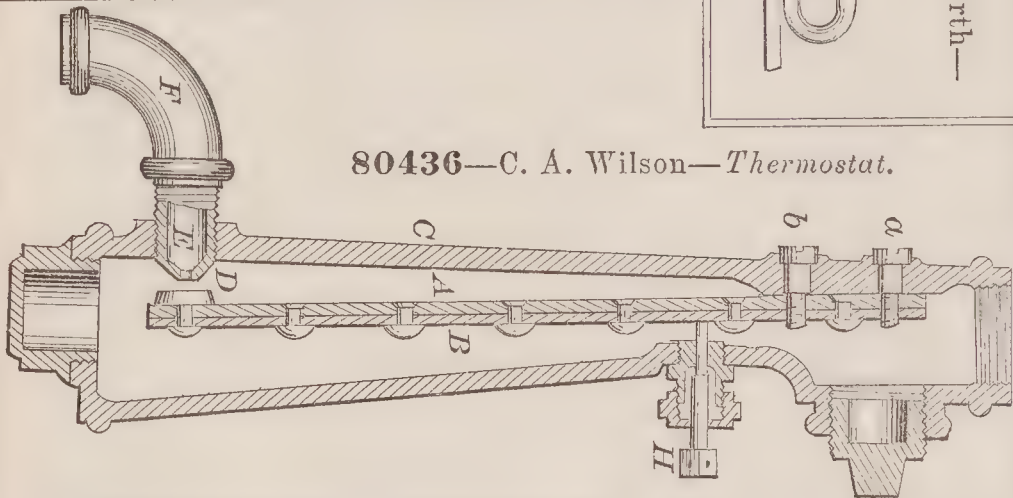
80435—J. A. Way—*Washer.*



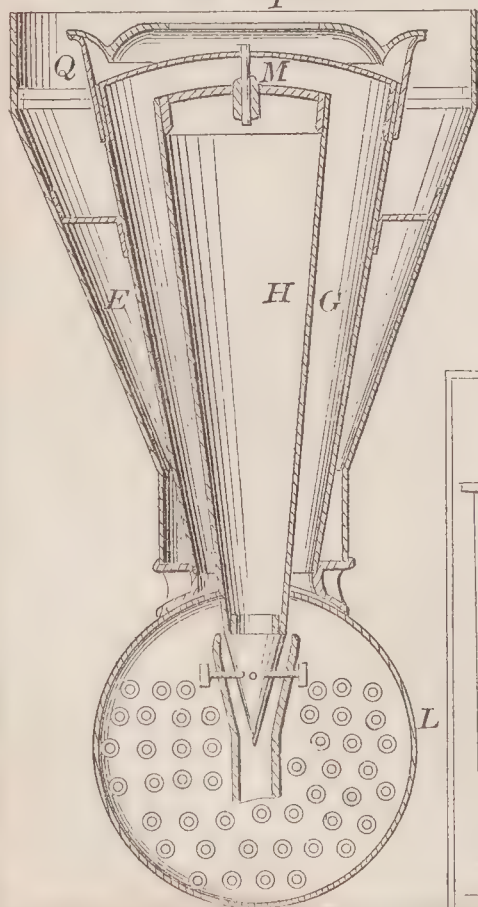
80434—J. W. Wadsworth—*Rein Holder.*



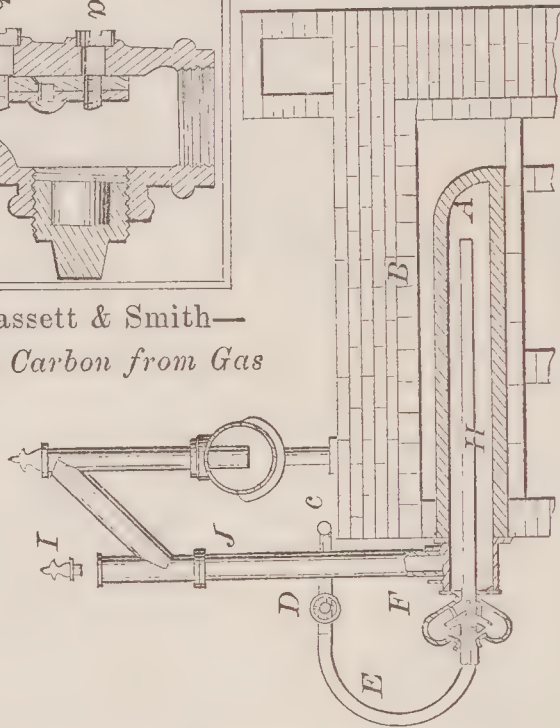
80436—C. A. Wilson—*Thermostat.*



80437—J. Atkins—*Smoke Stack for Locomotives.*



80438—Bassett & Smith—*Removing Carbon from Gas Retorts.*



80439—G. W. Blackwell—*Farm Gate.*

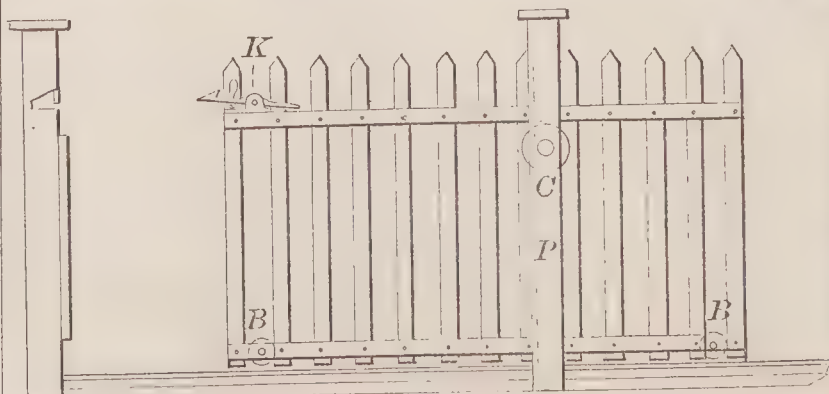
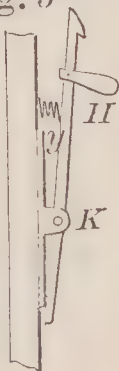
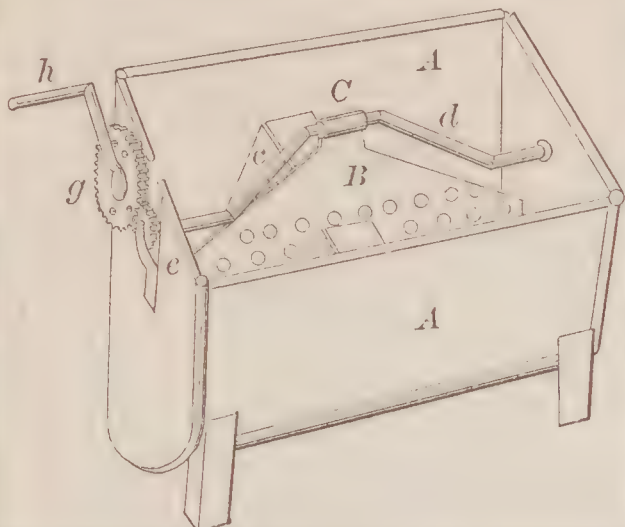


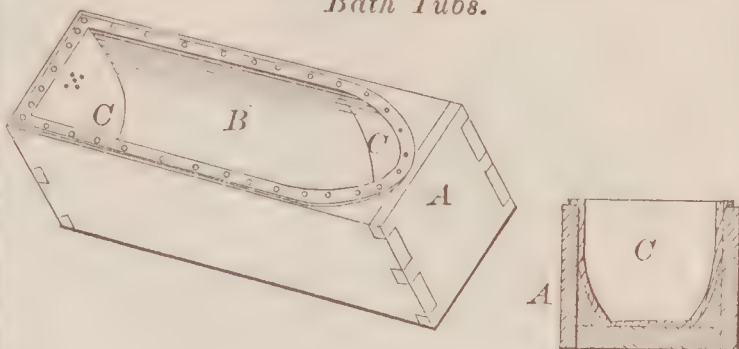
Fig. 5



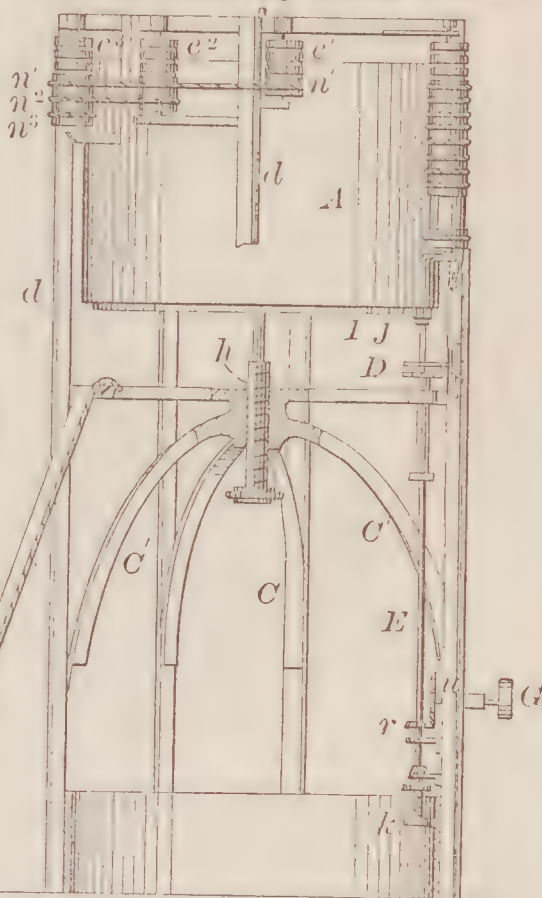
80440—L. T. Blake—*Egg Beater.*



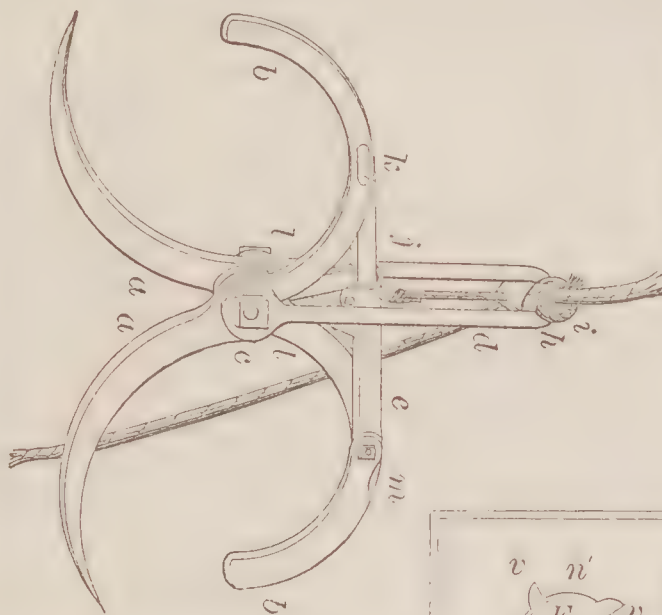
80441—C. A. Blessing—*Sheet Metal Lining for Bath Tubs.*



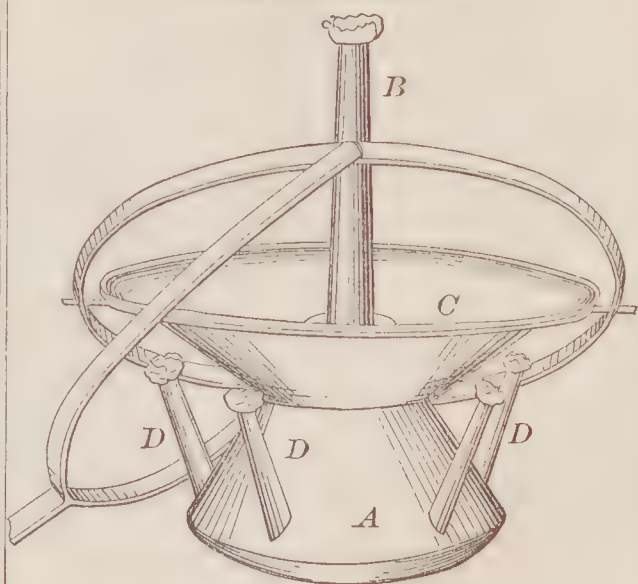
80443—M. D. Bradley—*For Cutting and Assorting Broom Corn.*



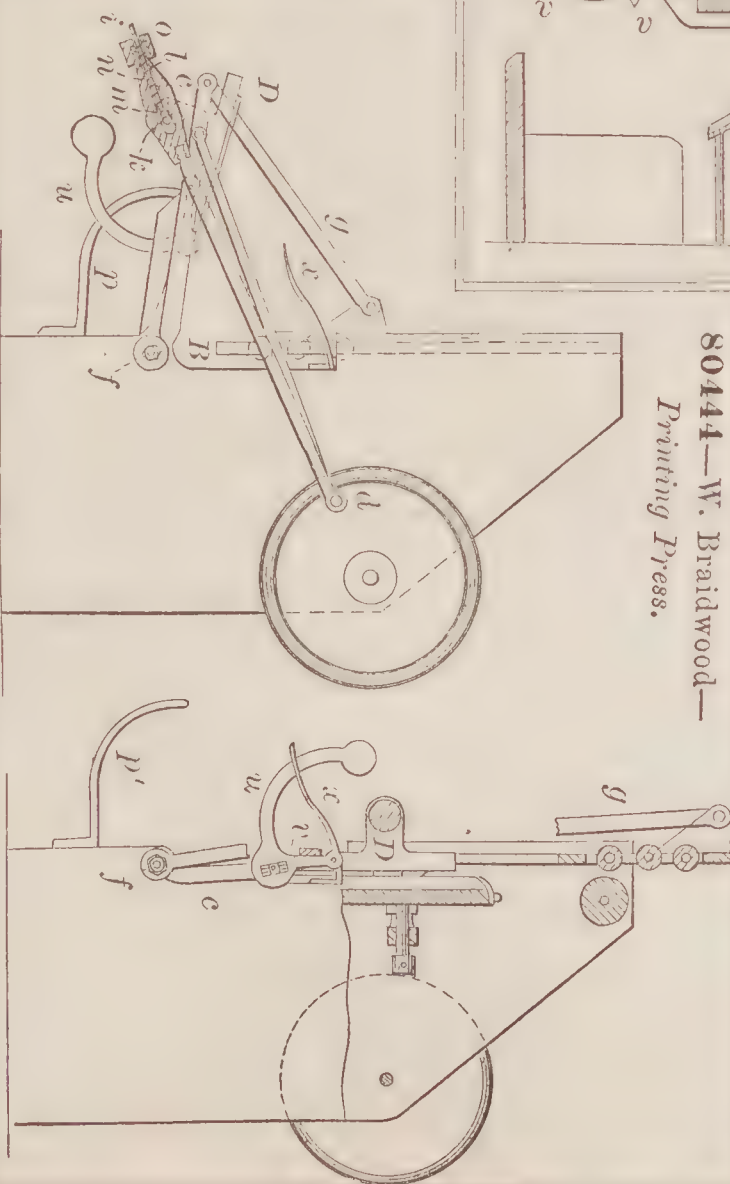
80442—G. W. Bowlsby—*Horse Hay Fork.*



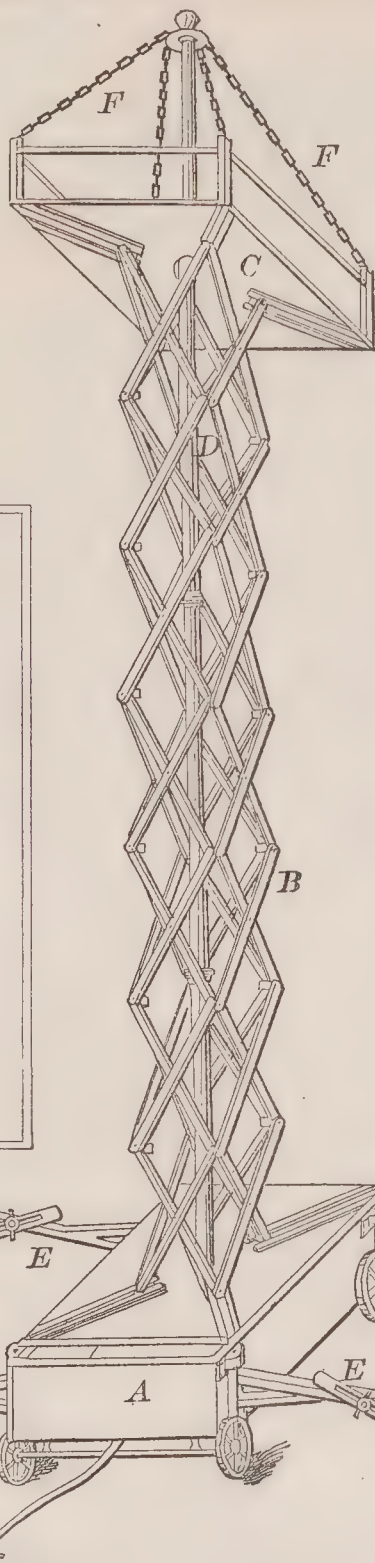
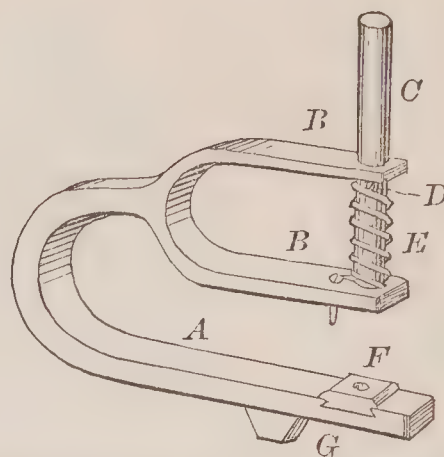
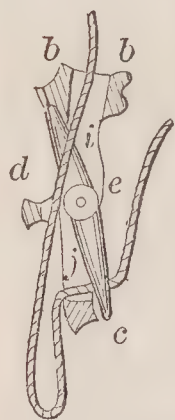
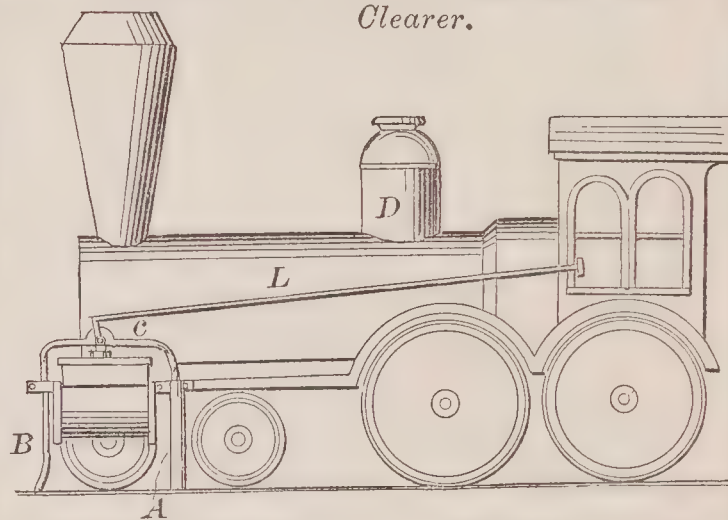
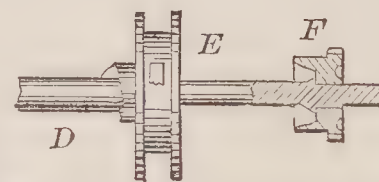
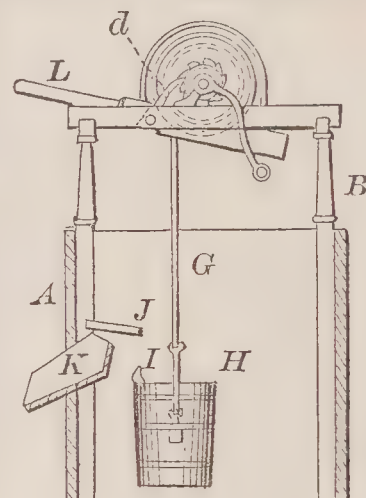
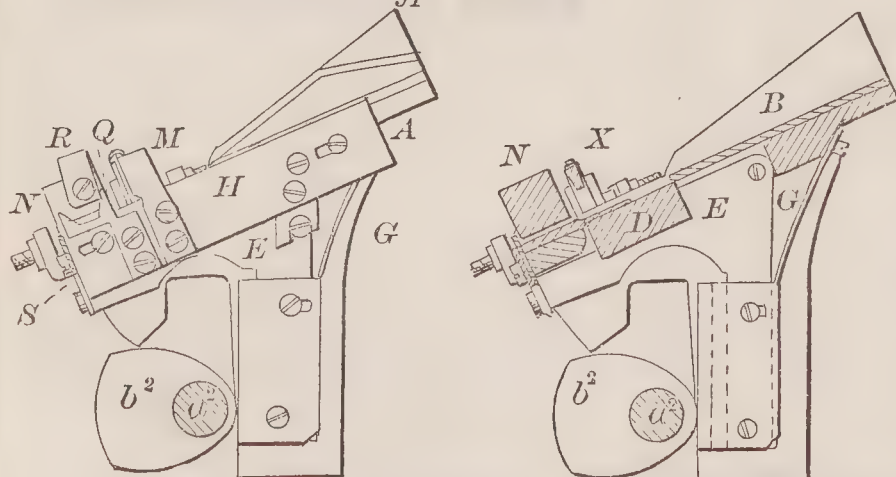
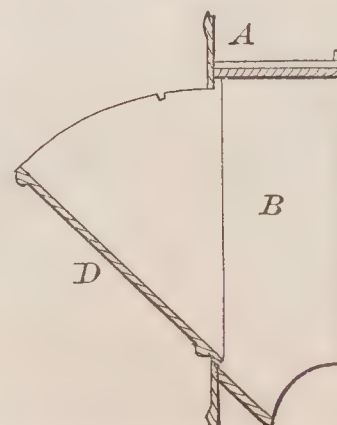
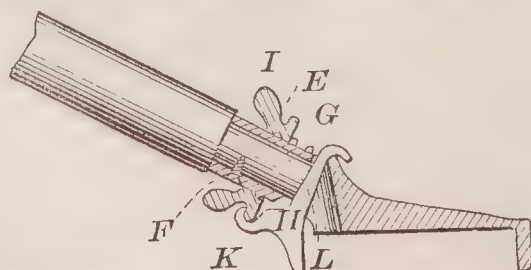
80446—F. M. Briggs—*Lamp for Destroying Insects.*



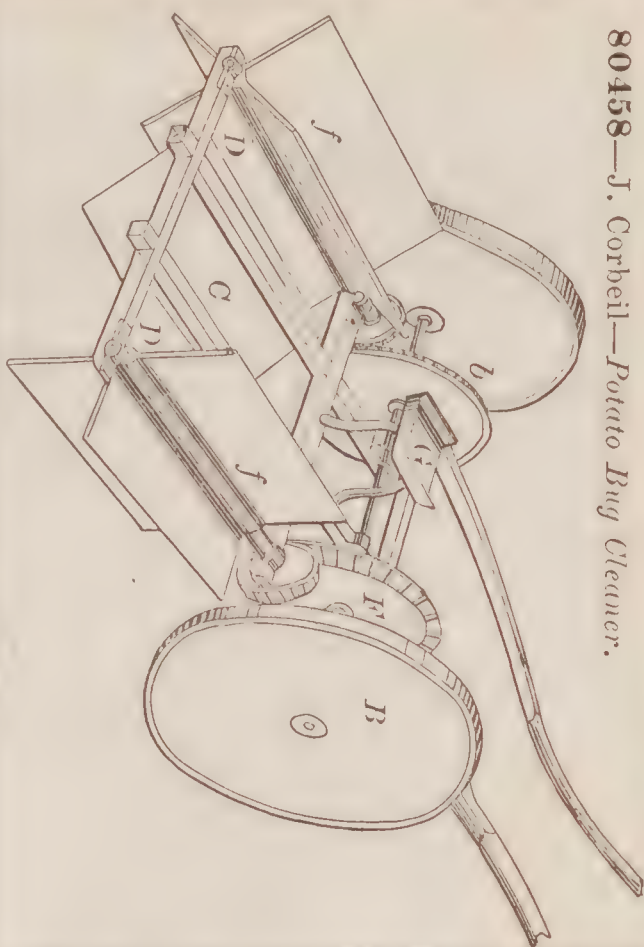
80444—W. Braidwood—*Twisting Press.*



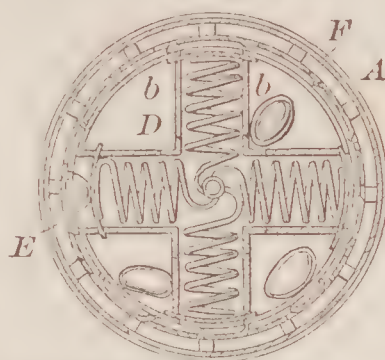


80445—P. Brand—*Elevator.*80449—M. V. Bryant—*Spring Punch.*80454—J. G. Clifton—*Buckle.*80450—S. G. Cabell—*Railroad Track Clearer.*80447—G. H. Bristol—*Water Elevator.*80448—D. Bruce—*Type Machine.*80451—W. W. Chase—*Ash Bin.*80453—C. B. Clark—*Brush Holder.*

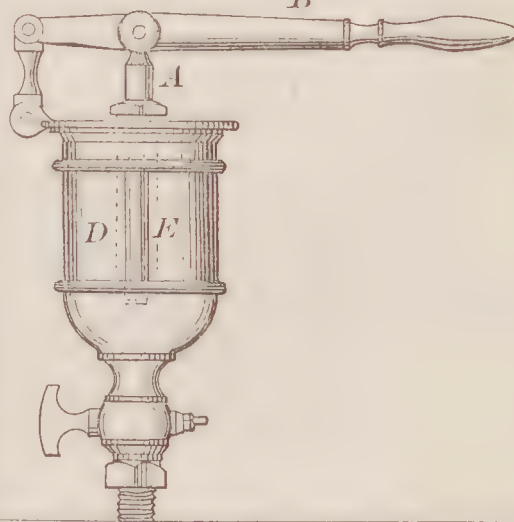
80458—J. Corbeil—*Potato Bug Cleaner.*



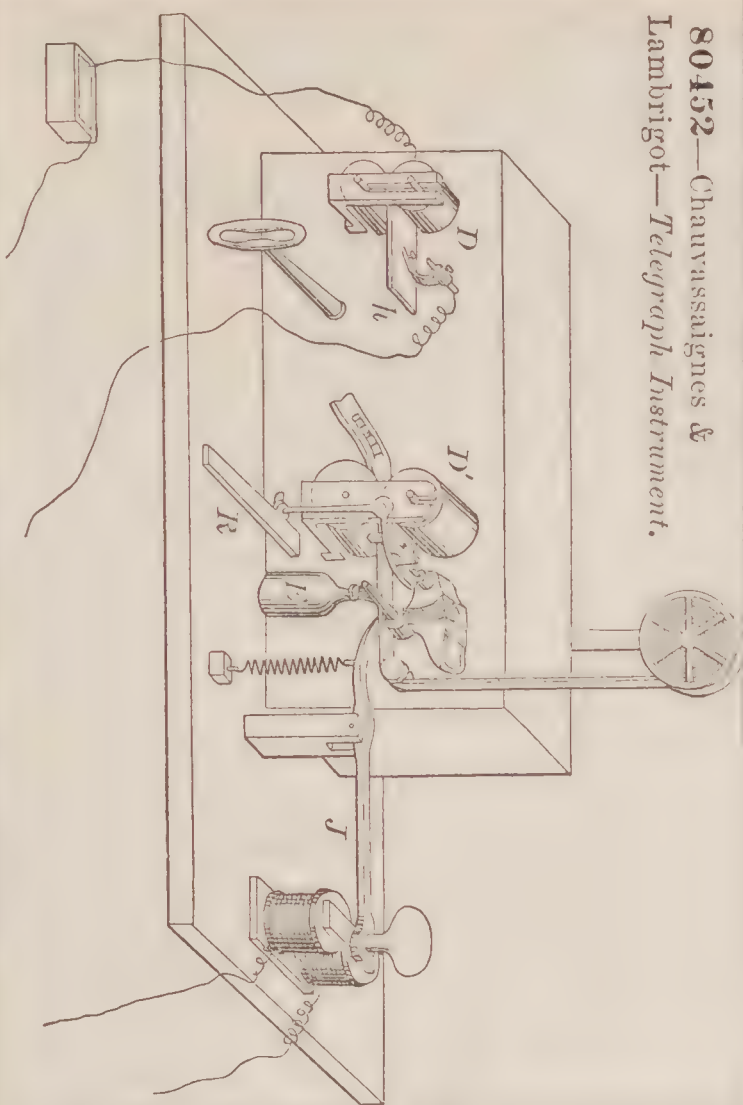
80456—J. L. & D. H. Coles—*Nutmeg Grater.*



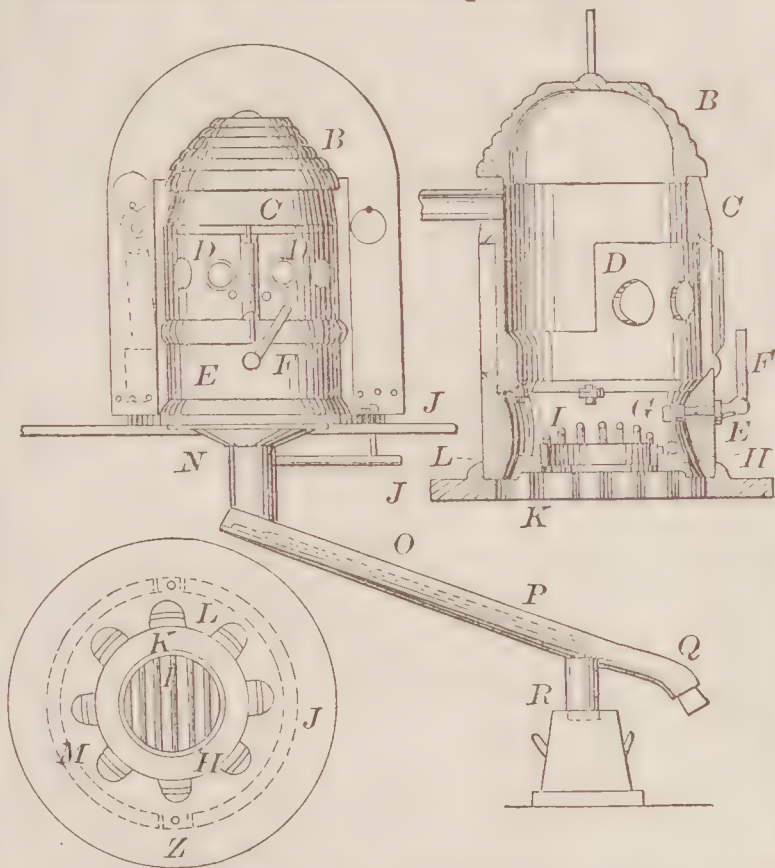
80457—F. Colligon—*Lubricating Device.*



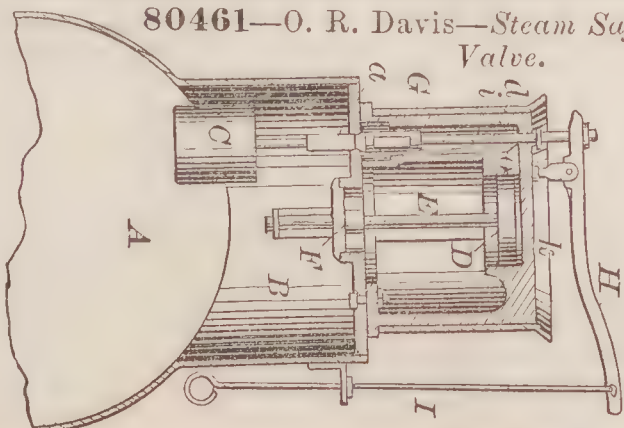
80452—Chauvassaignes & Lambrigot—*Telegraph Instrument.*



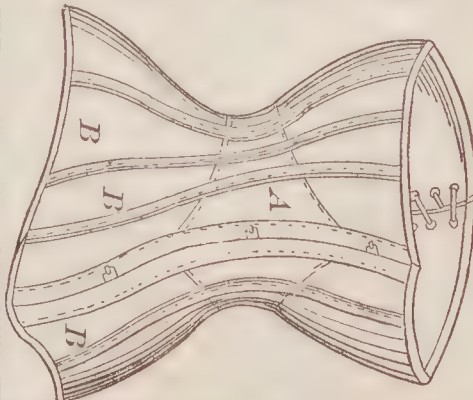
80455—W. B. Coates—*Fireplace.*



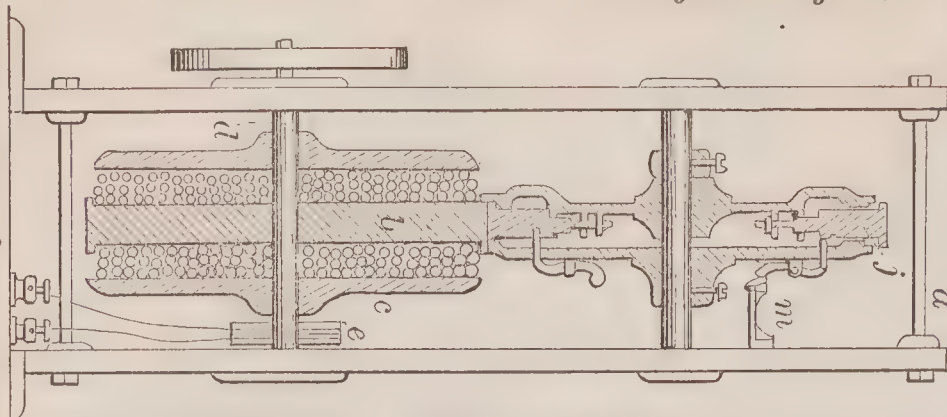
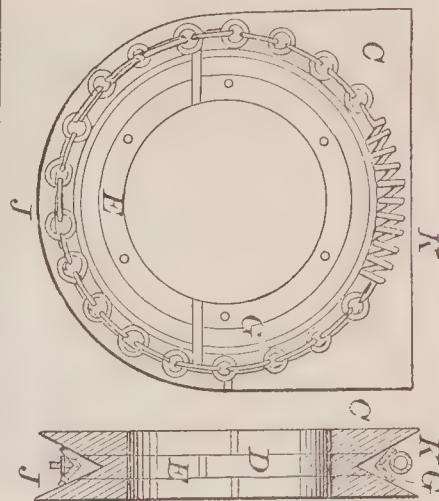
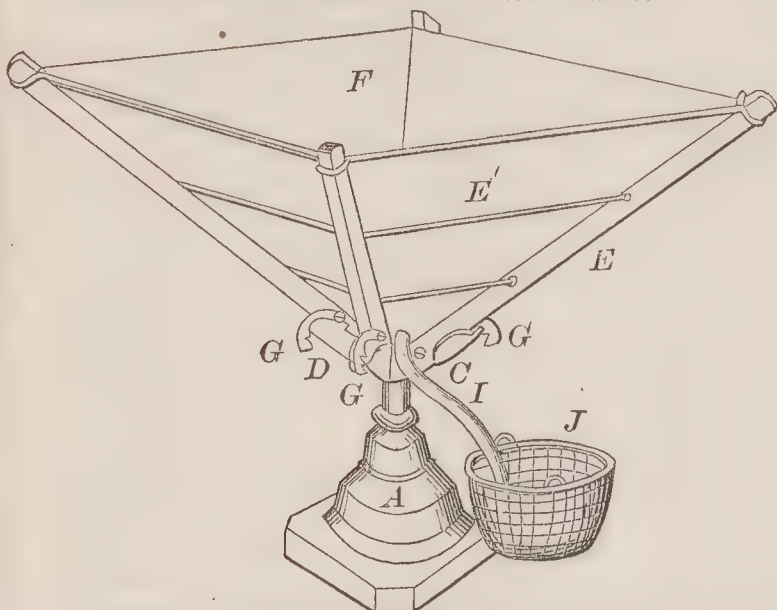
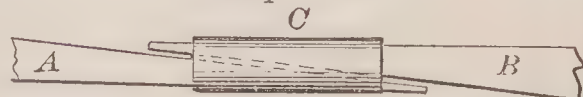
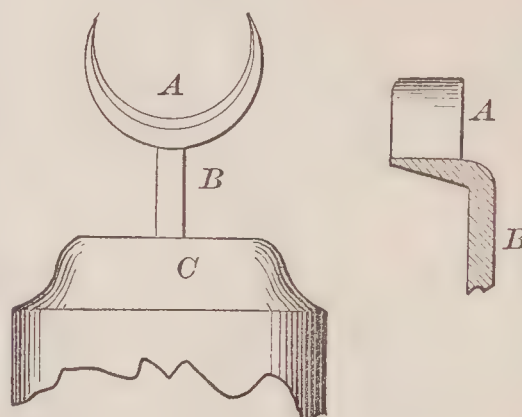
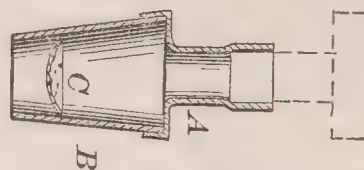
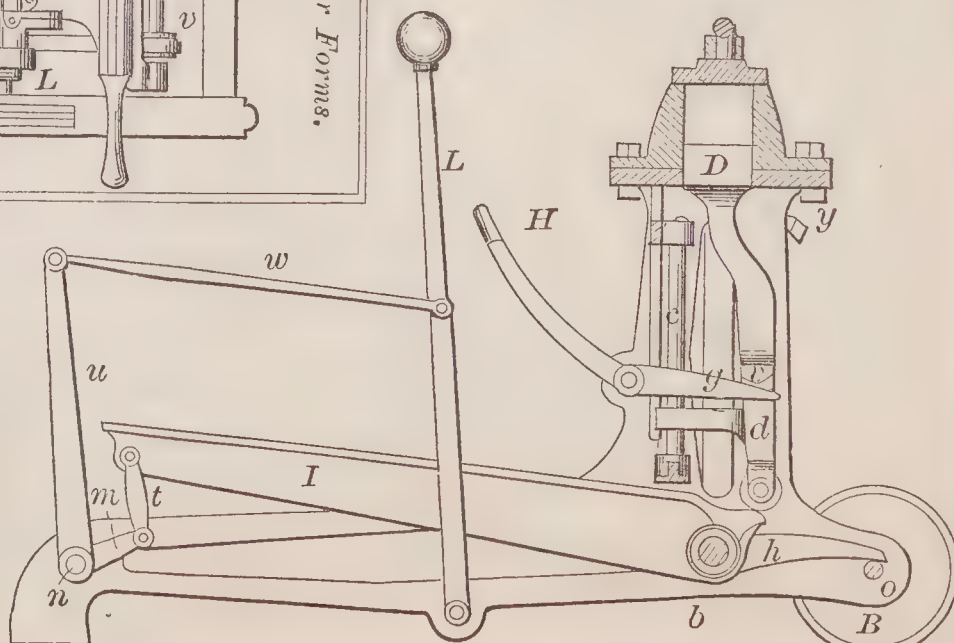
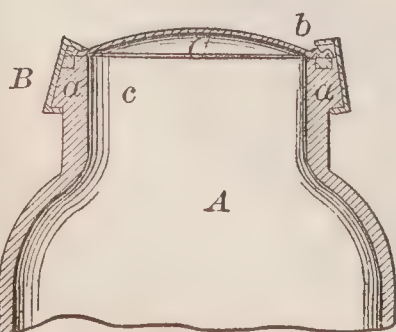
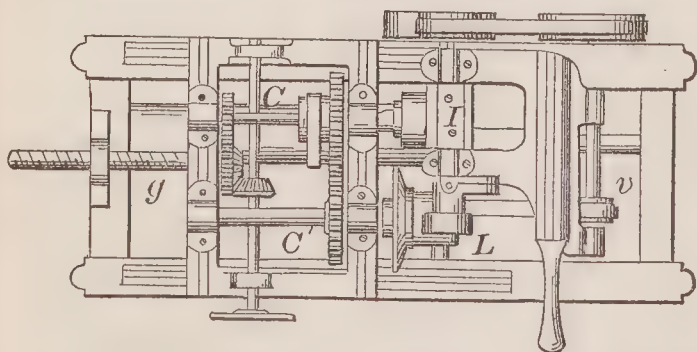
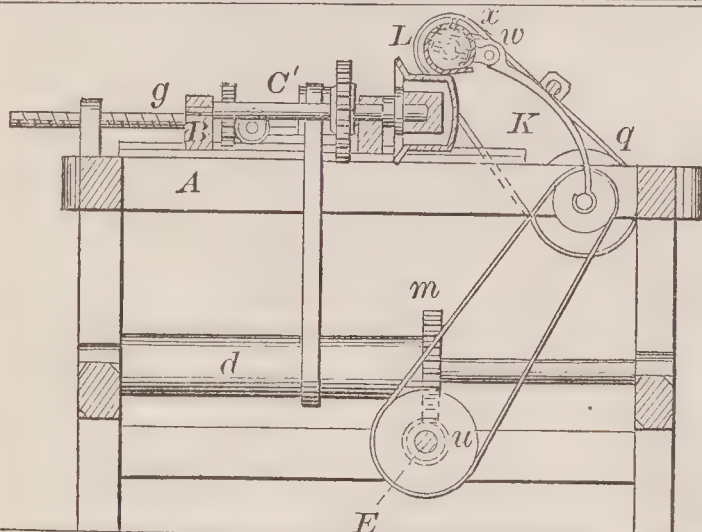
80461—O. R. Davis—*Steam Safety Valve.*



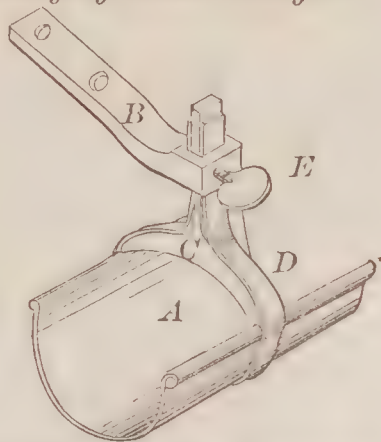
80462—T. B. De Forest—*Corset.*



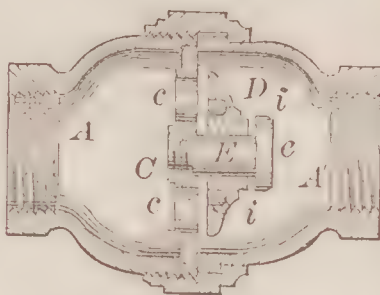


80463—A. J. B. De Morat—*Electro-Magnetic Engine.*80465—S. R. Dummer—*Packing for Car Axles and Boxes.*80466—S. F. Emerson—*Fruit Frame.*80464—T. B. Doolittle—*Forming Lamp Tubes.*80468—H. Forncrook—*Hop Pole Clearer.*80469—H. G. Fuhrmann—*Filter for Faucets.*80470—Gano & Miller—*Brick Machine.*80472—T. Gibson—*Fruit Jar.*80467—Flint & Smith—*For Turning Irregular Forms.*

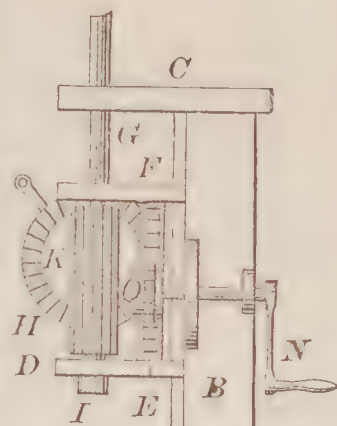
80473—Gilbert & Elberson—  
*Hanging Eaves Troughs.*



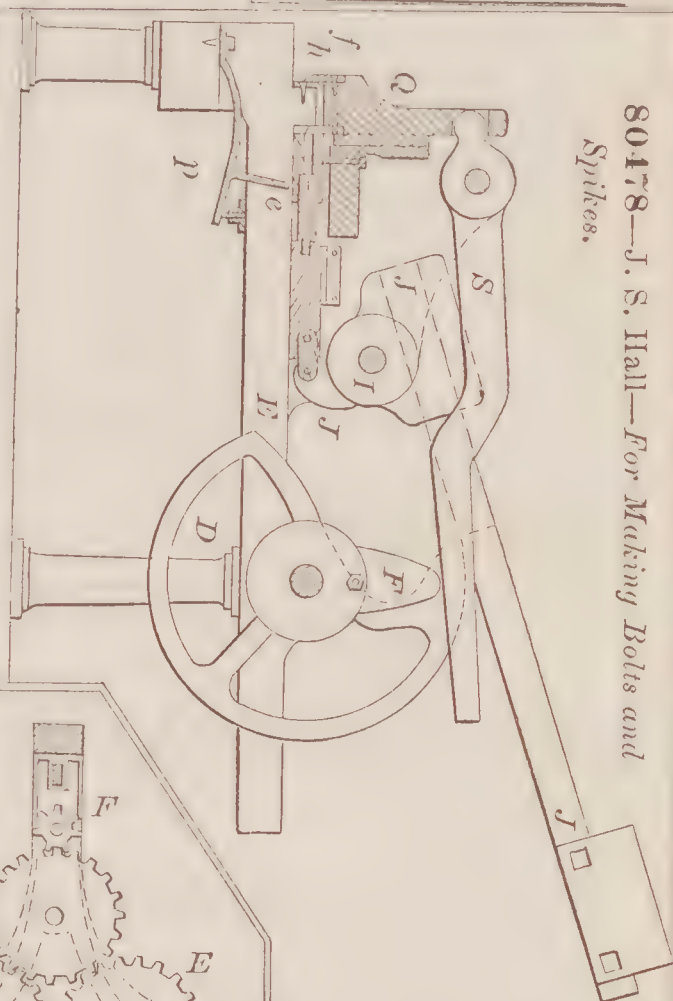
80474—Good & Strouse—  
Valve.



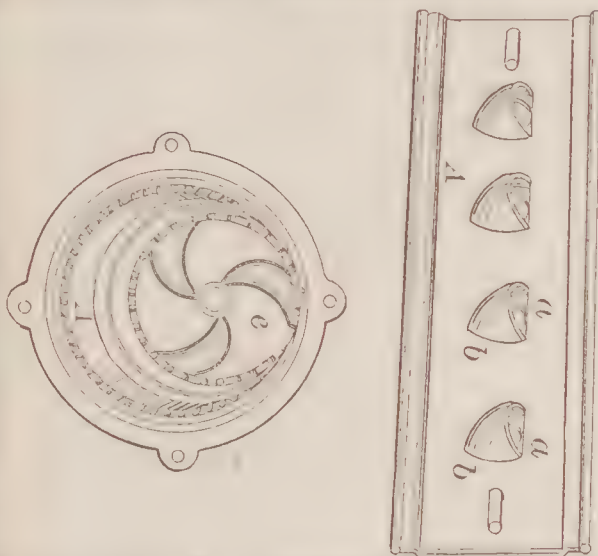
804175—J. Goodin—*Boring and Drilling Machine.*



80478—J. S. Hall—*For Making Bolts and Spikes.*



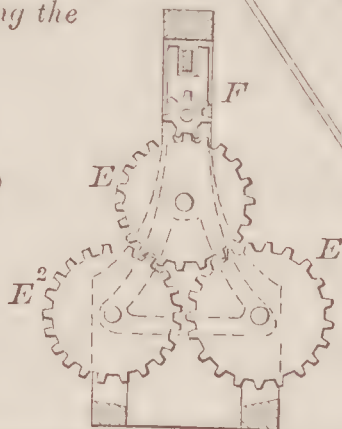
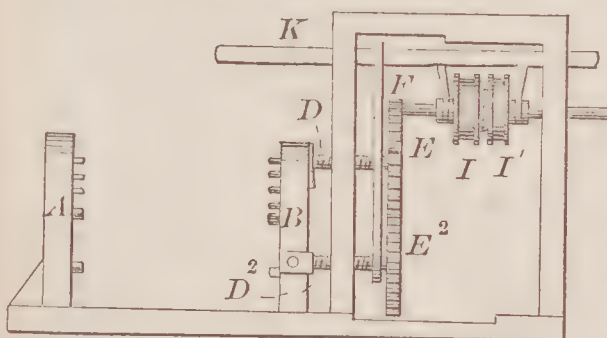
80476—W. Hailes—*Damper*.



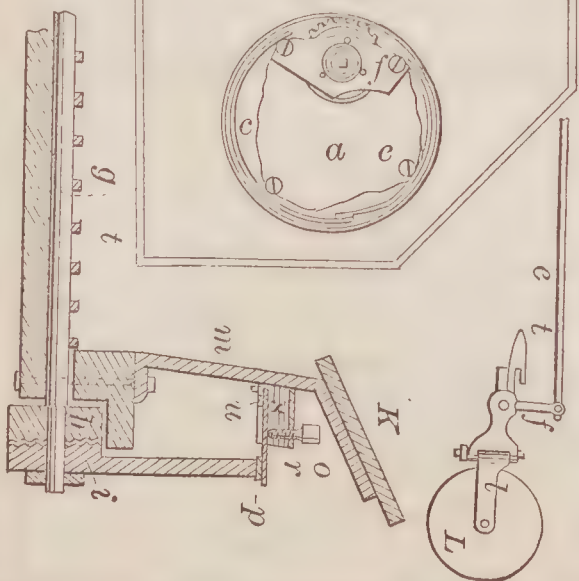
80477—E. Halc—*Hand Nail Driver for Boots and Shoes.*



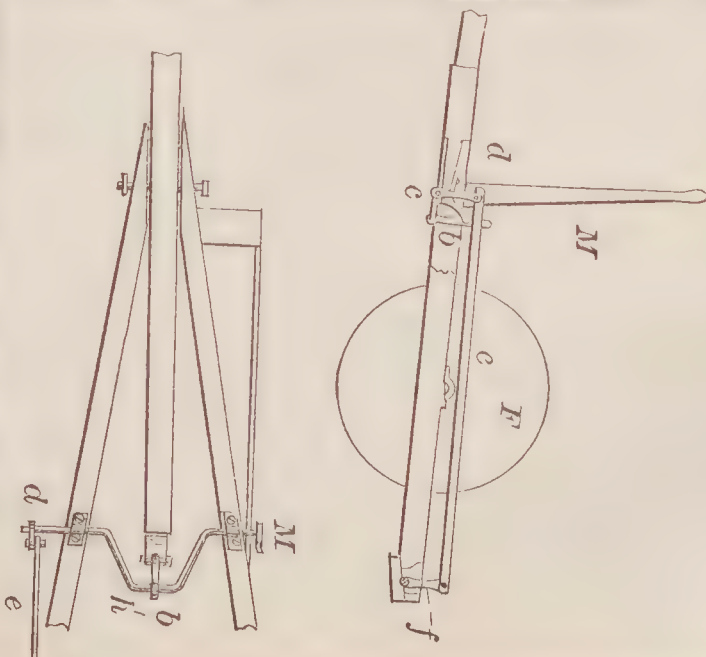
80482—E. & B. Holmes—*For Leveling the Staves in Barrels.*



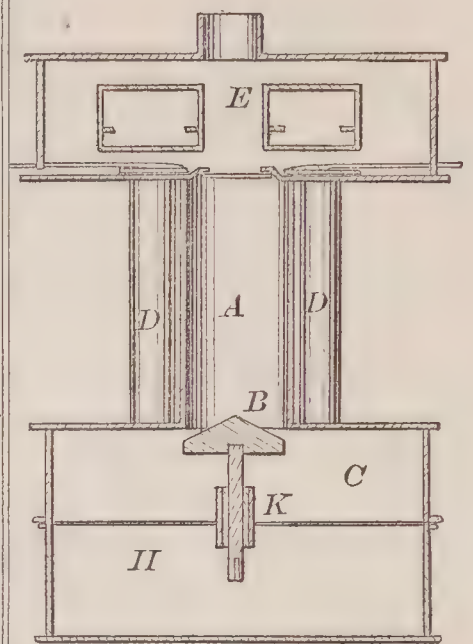
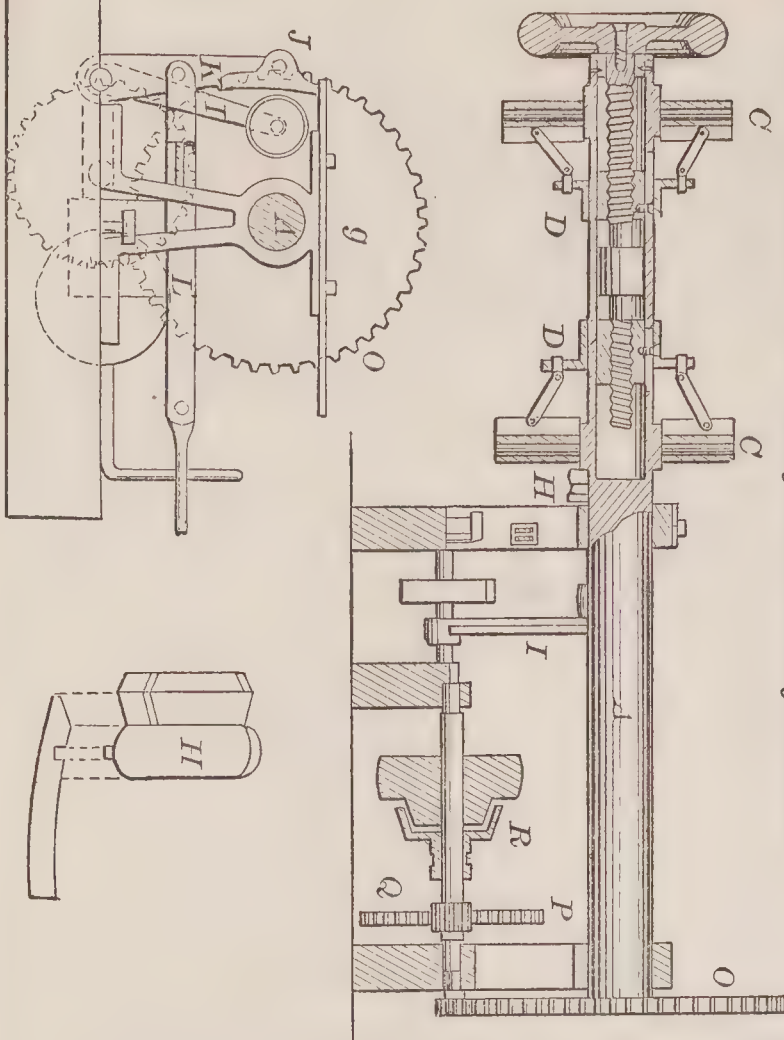
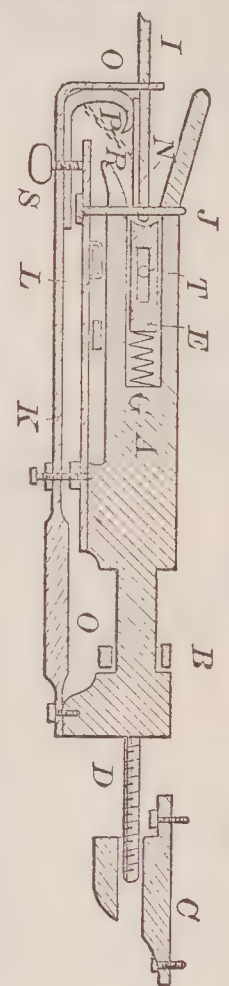
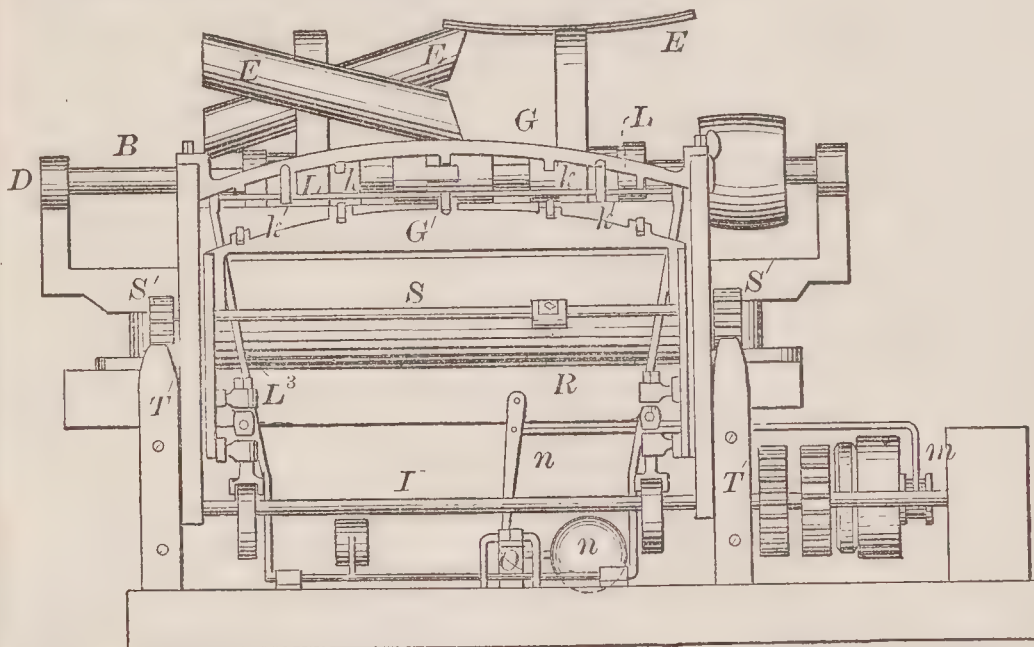
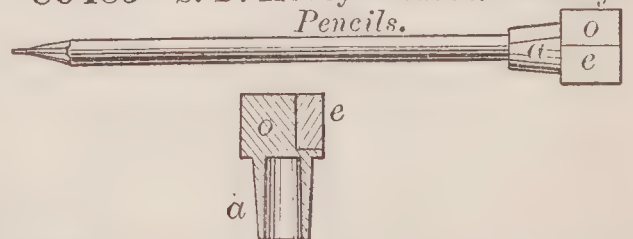
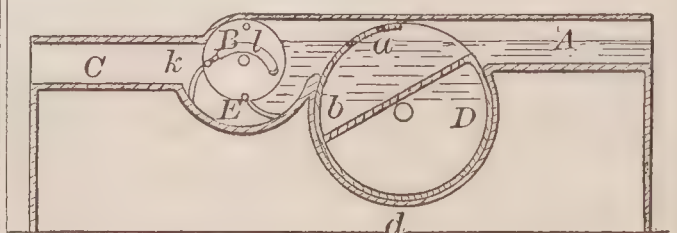
80480—A. J. Harrison—  
Watch.



80479—J. Harris—*Harvester*.





80484—E. Hosford—*Range*.80481—E. & B. Holmes—*For Crozing and Hoveling Barrels.*80486—H. R. Howe—*Car Coupling*.80483—E. & B. Holmes—*For Jointing Staves.*80485—S. D. Hovey—*Rubber Head for Pencils.*80488—G. L. Jaeger—*Water Meter*.

80487—E. W. Jackson—*Rotary Steam Engine.*

Plate IX and X

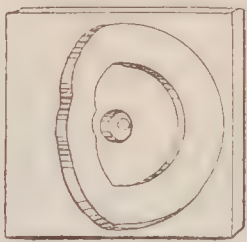


Plate VI

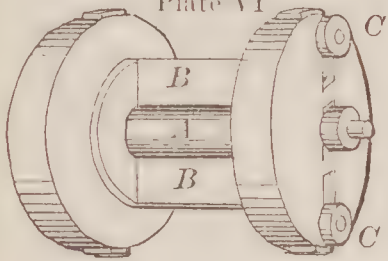


Plate XIII and XIV



Plate I

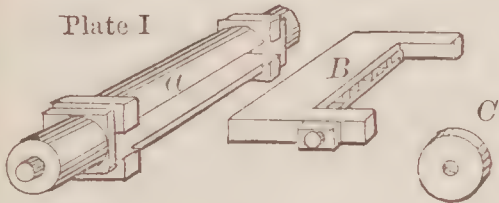


Plate XV

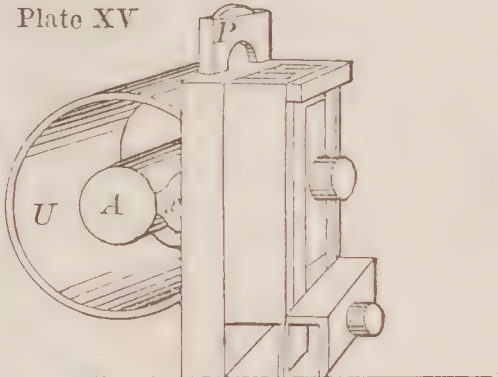
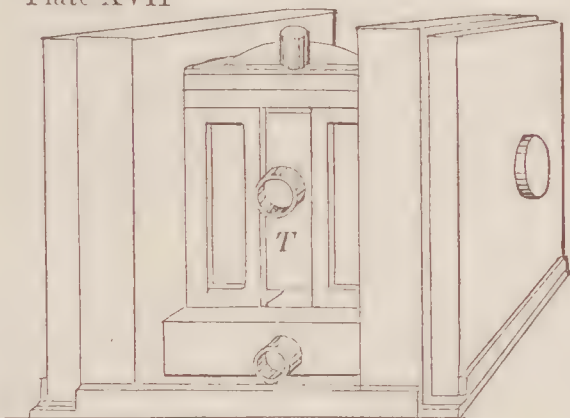
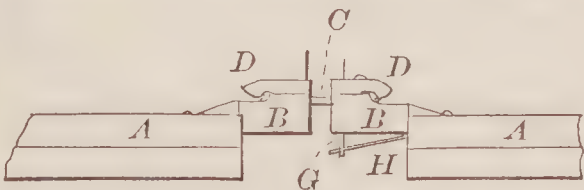


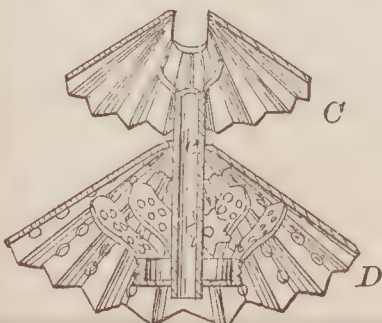
Plate XVII



80493—J. A. Manning—*Car Coupling.*



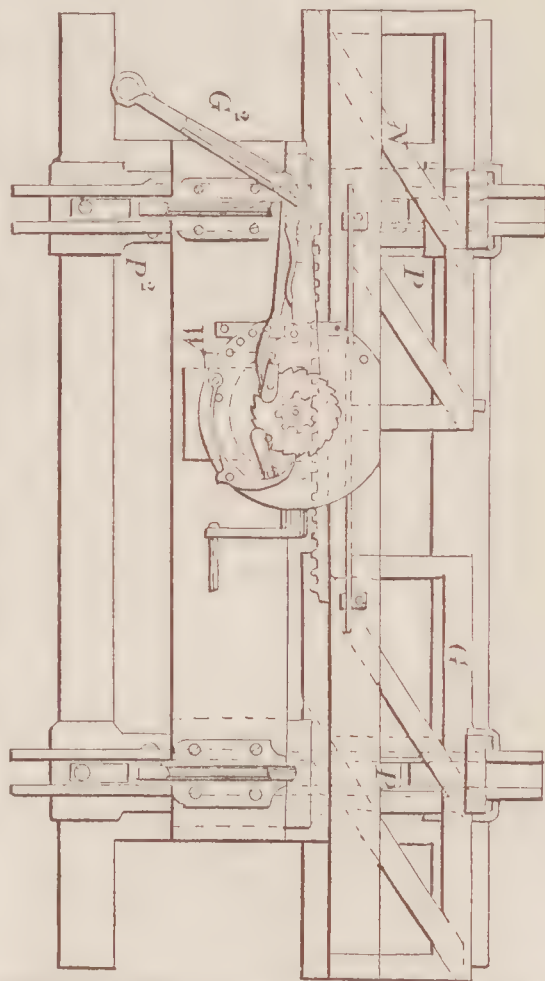
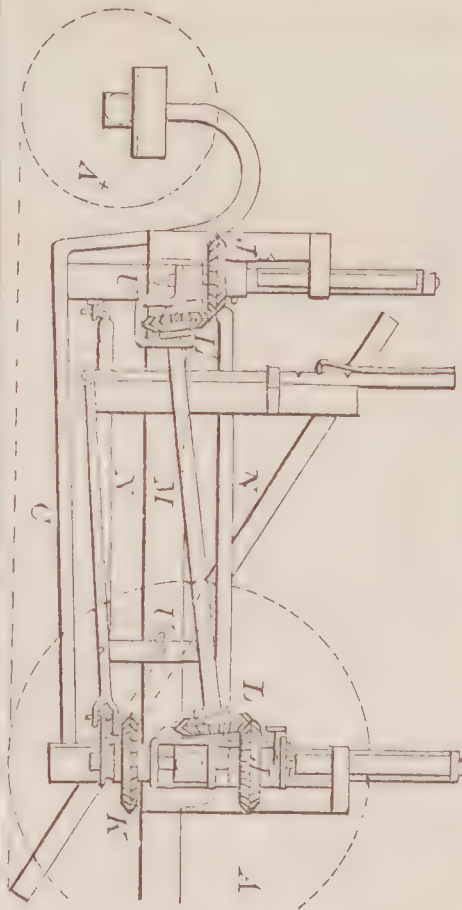
80494—J. Minifie—*Lamp Burner.*



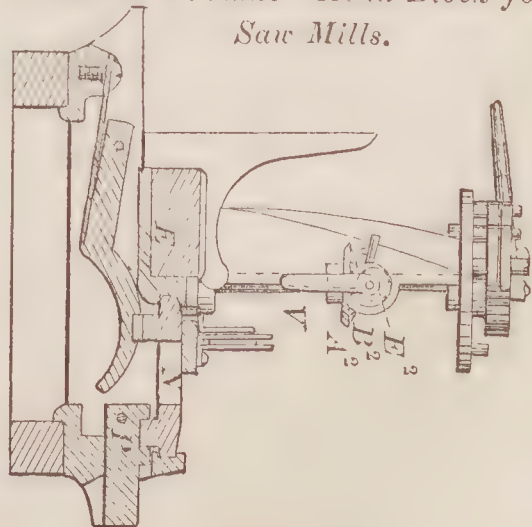
80490—H. Kellogg—*Mat.*



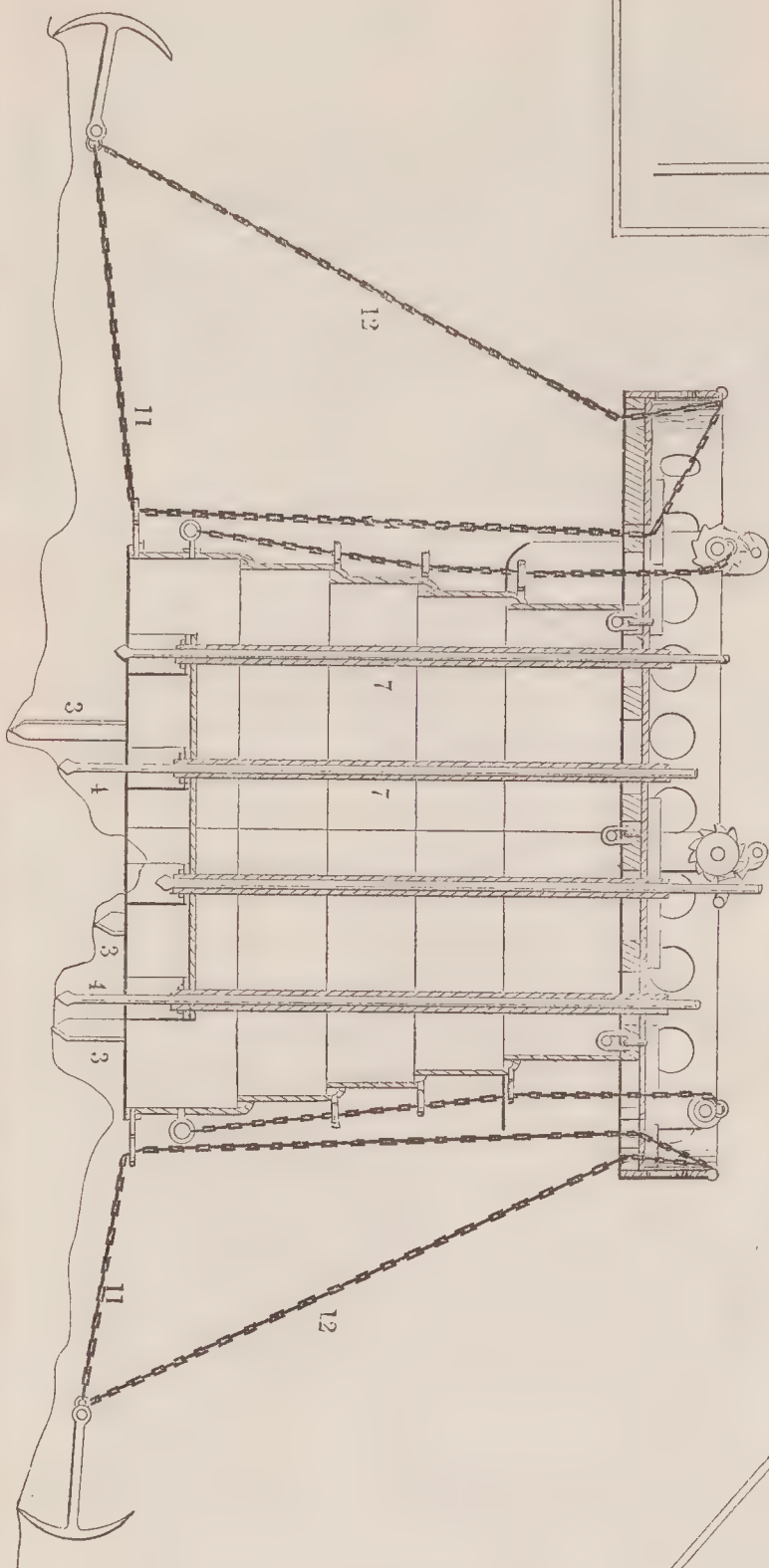
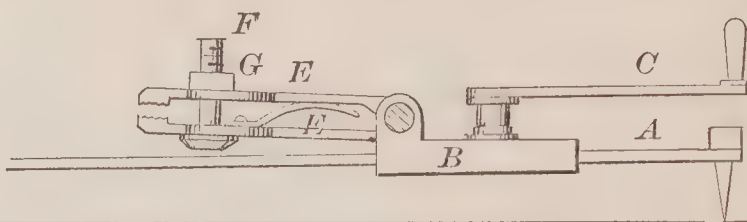
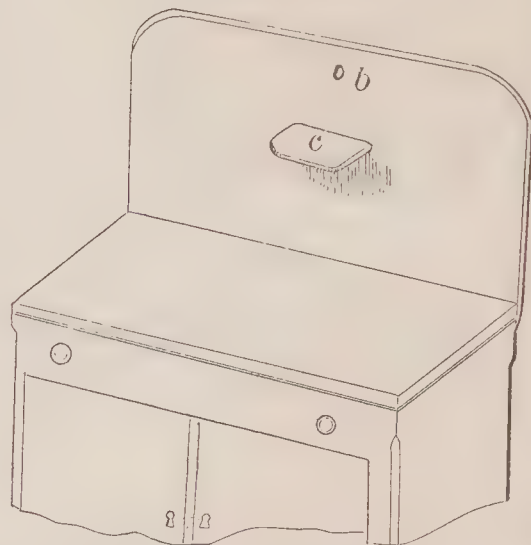
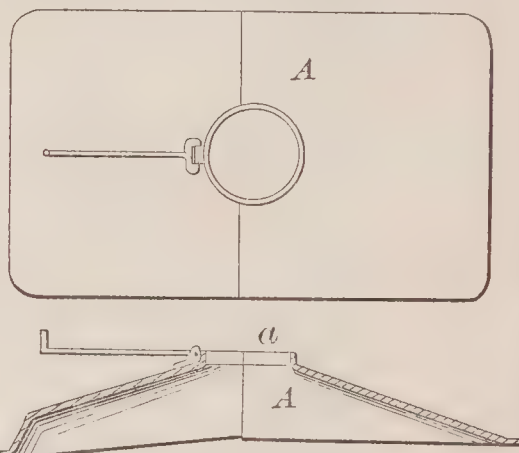
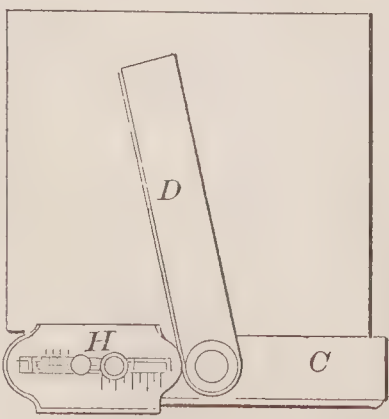
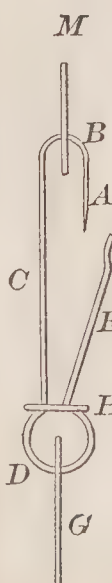
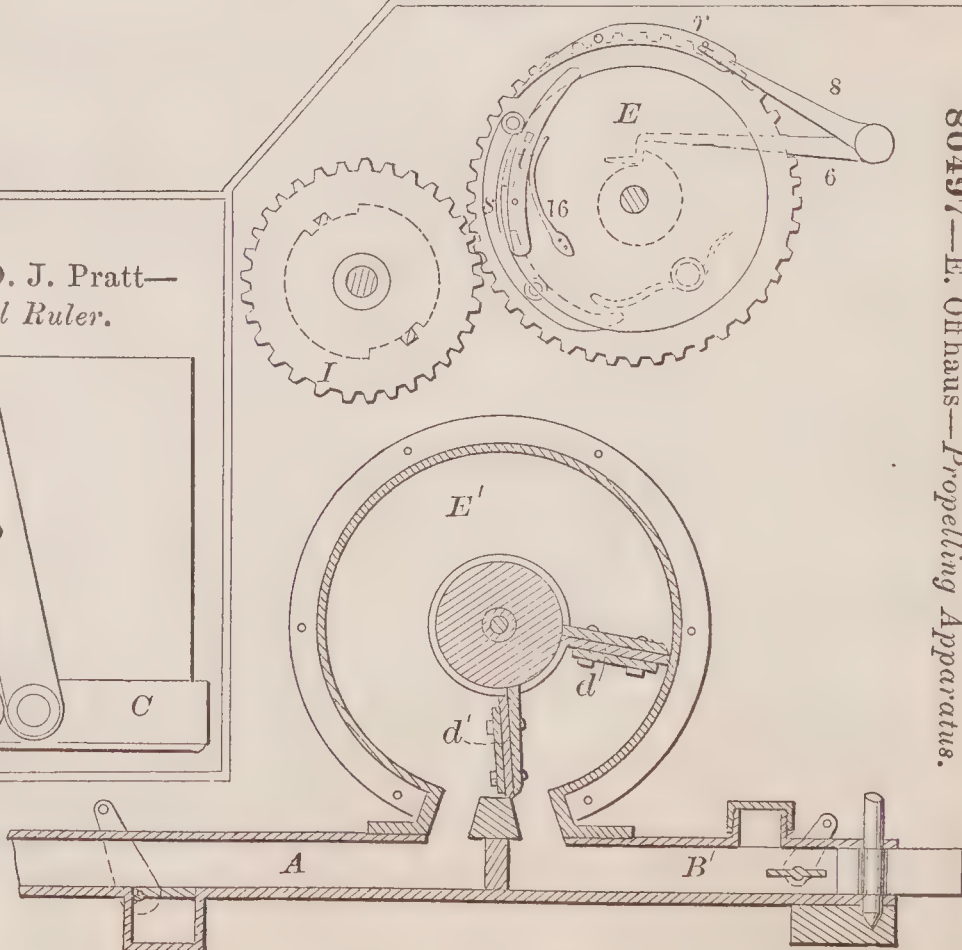
80489—G. W. Janvrid—*Wagon.*



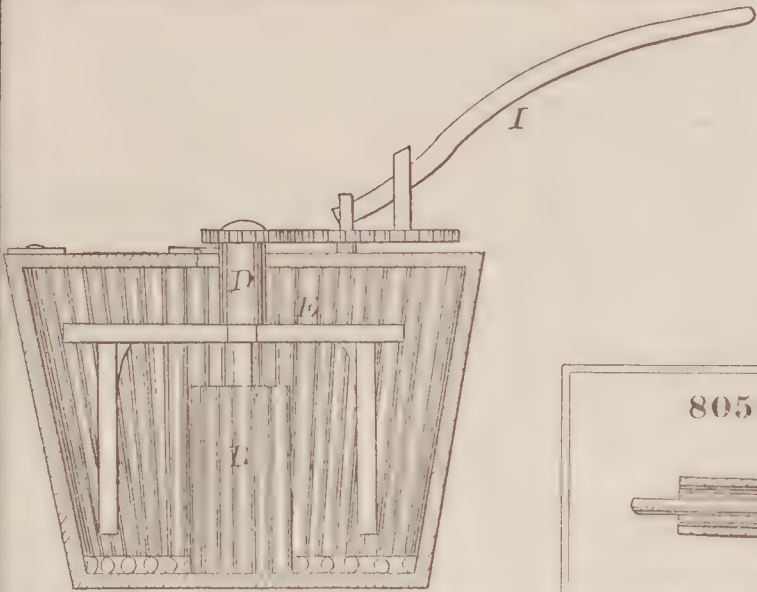
80491—D. Lane—*Head Block for Saw Mills.*



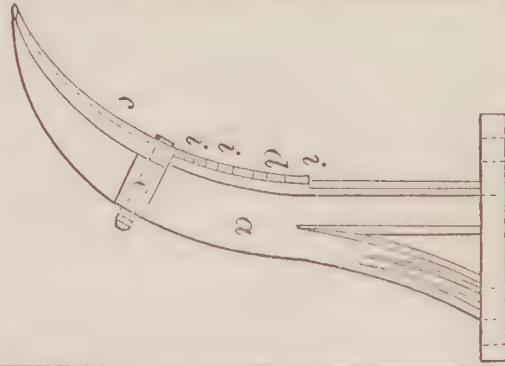


80492—S. Lewis—*Still Water Dam.*80495—W. Minster—*Carpet Stretcher.*80496—R. Nelson—*Screen for Wash Stands.*80499—L. Portner—*Reflector.*80500—D. J. Pratt—*Parallel Ruler.*80498—N. M. Phillips—*Tag Fastening.*80497—E. Offhaus—*Propelling Apparatus.*

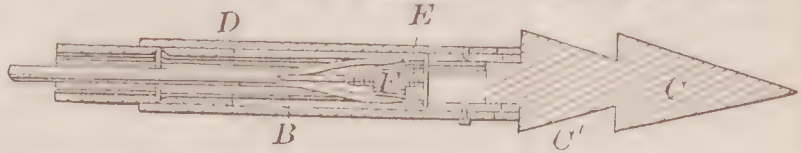
80501—P. Prentiss—*Washing Machine.*



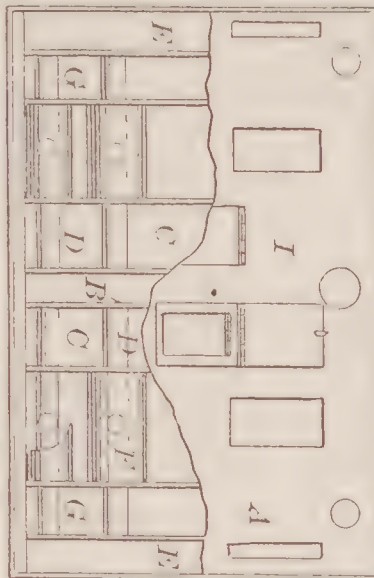
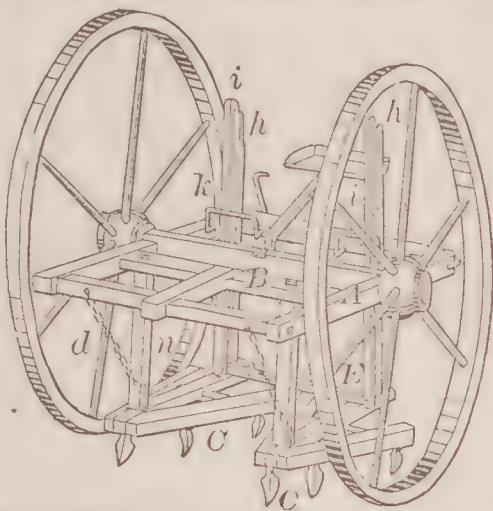
80503—W. B. Ready—*Cultivator Teeth.*



80504—Rhoades & Adams—*Deep Well Tube.*

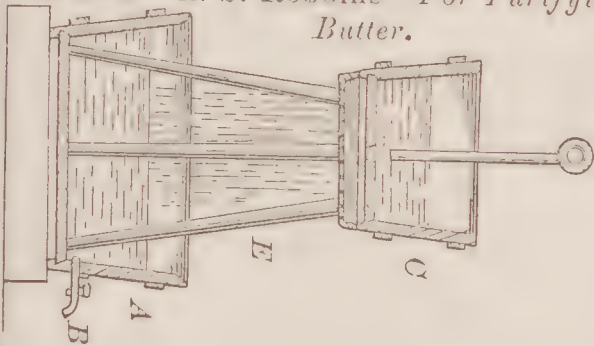


80502—H. Preston—*Cultivator.*

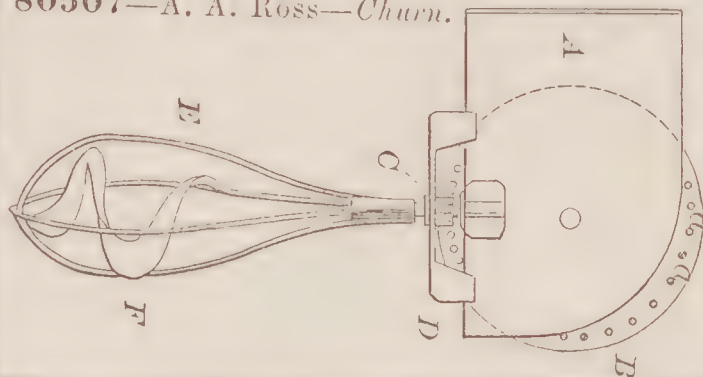


80505—J. Rice—*Car Heater.*

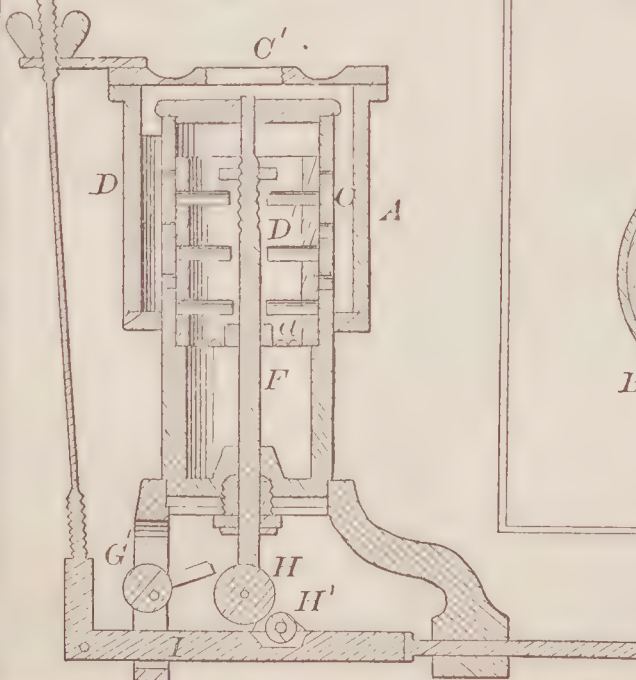
80506—L. S. Robbins—*For Purifying Butter.*



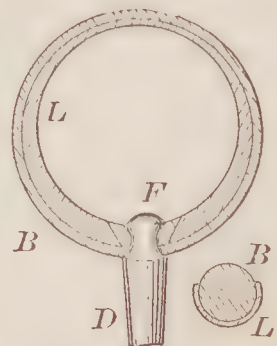
80507—A. A. Ross—*Churn.*



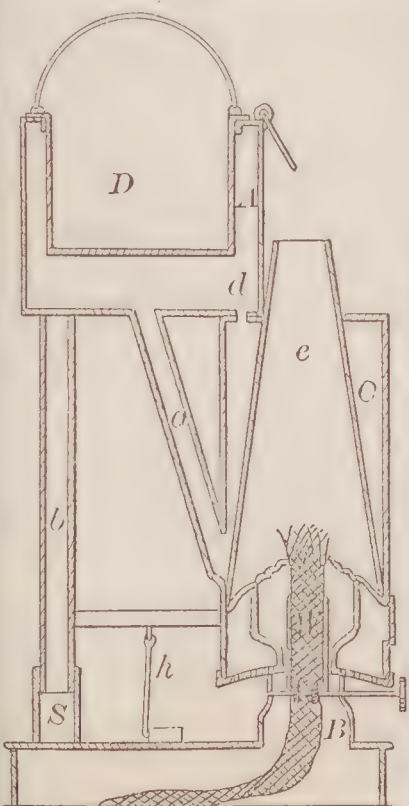
80509—R. Sanderson—*Cut-off Valve.*



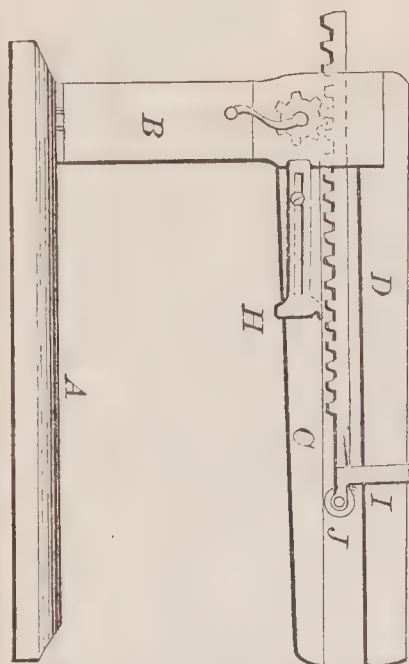
80510—P. Schoonmaker—*Bridle Bit.*



80508—W. F. Rossman—*Kerosene Lamp Boiler.*

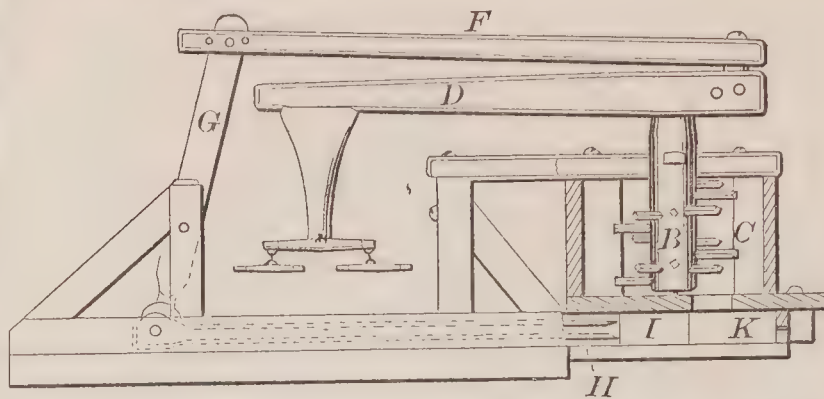




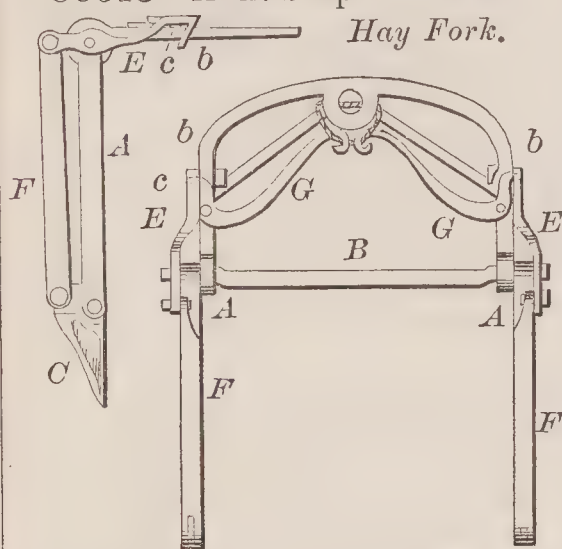


80511—Schumacher & Ujoh—*For Pressing and Grooving Seams in Tin Ware.*

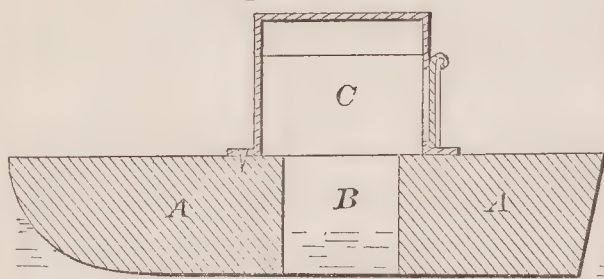
80512—J. Shellaberger—*Tile Machine.*



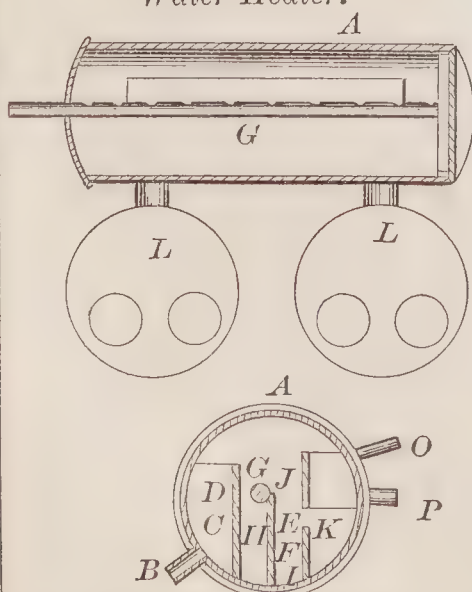
80513—H. L. Sheperd—*Horse Hay Fork.*



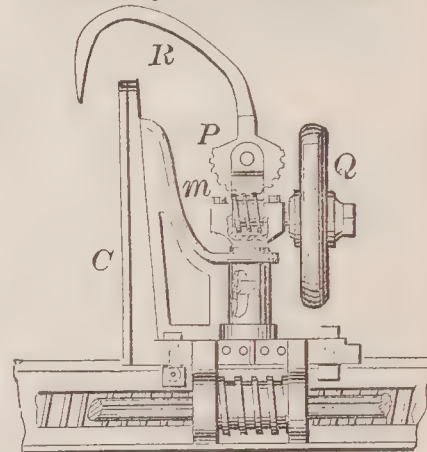
80517—H. S. Thayer—*Submarine Exploring.*



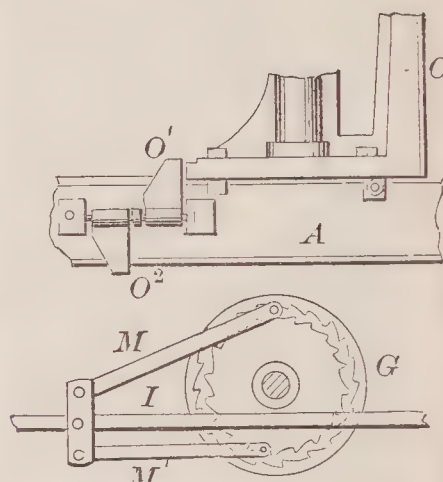
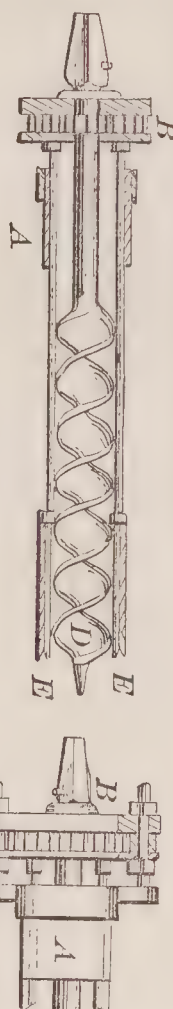
80516—S. Stucky—*Feed Water Heater.*



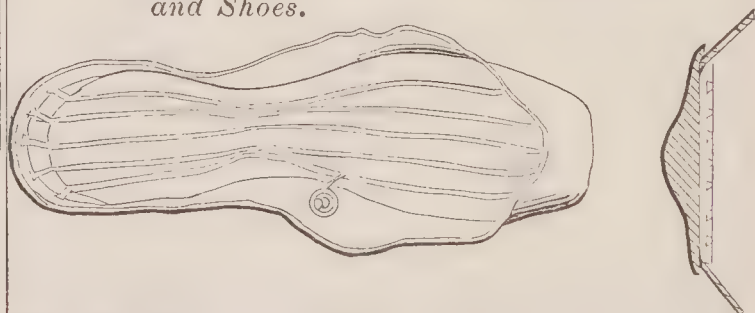
80514—S. R. Smith—*Head Block for Saw Mills.*



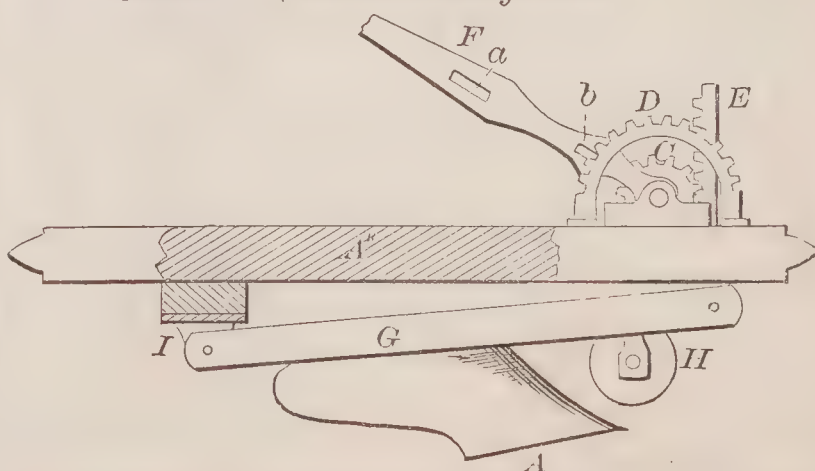
80515—A. Steinbök—*Boring Tool.*



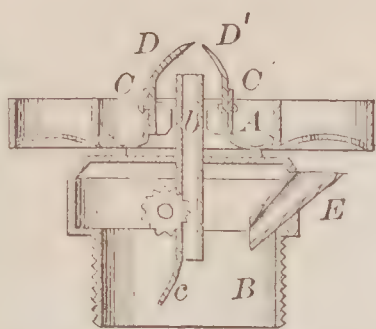
80518—E. Thomas—*Ventilating Boots and Shoes.*



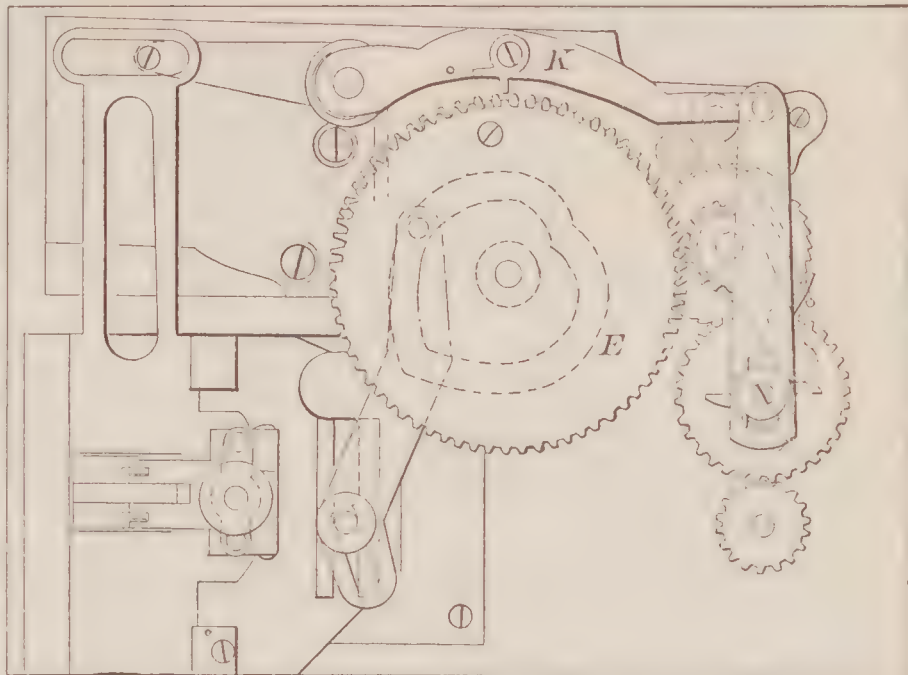
80521—A. Walker—*Gang Plow.*



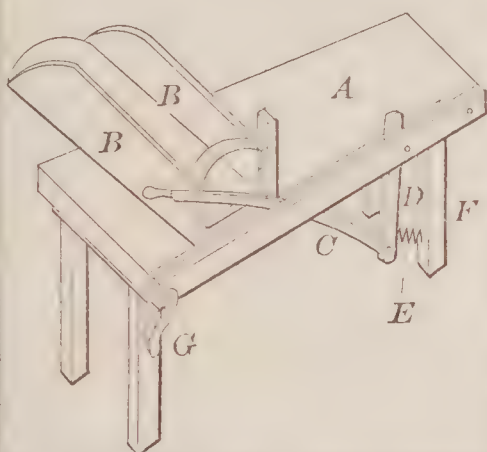
80519—W. Totheroh—*Lamp.*



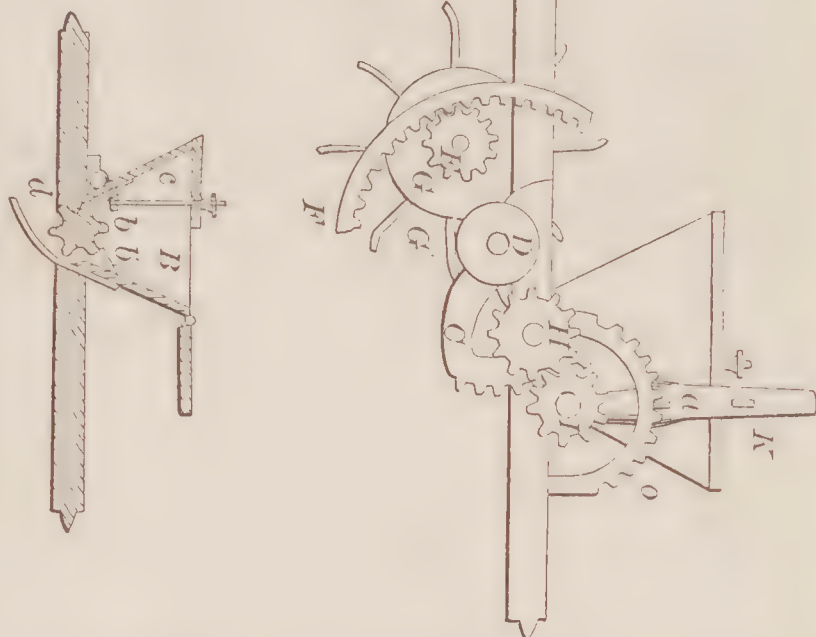
80520—K. Vogel—*Button Hole Sewing Machine.*



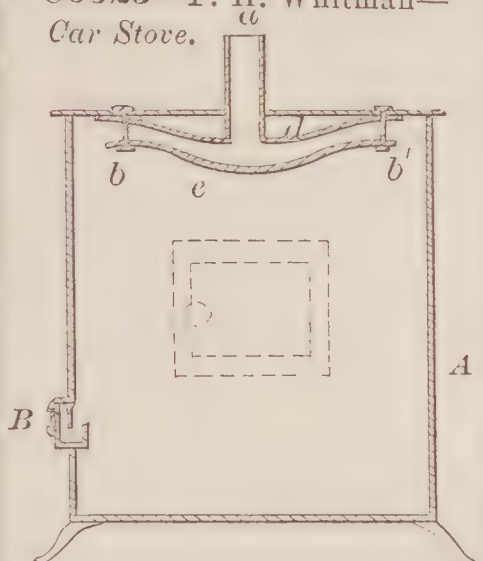
80524—Watson & Robinson—*Straw Cutter.*



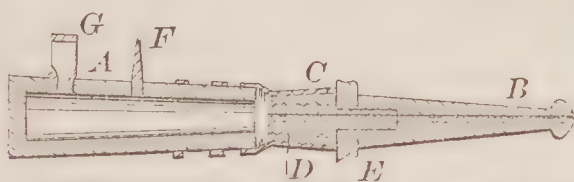
80522—A. Walker—*Seed Sower and Harrow.*



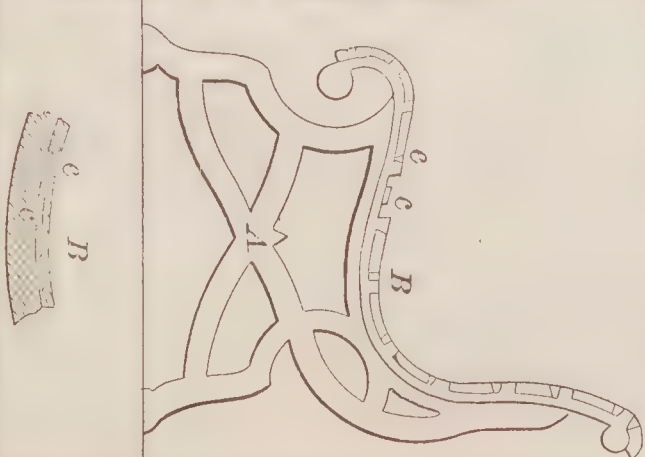
80525—F. H. Whitman—*Car Stove.*



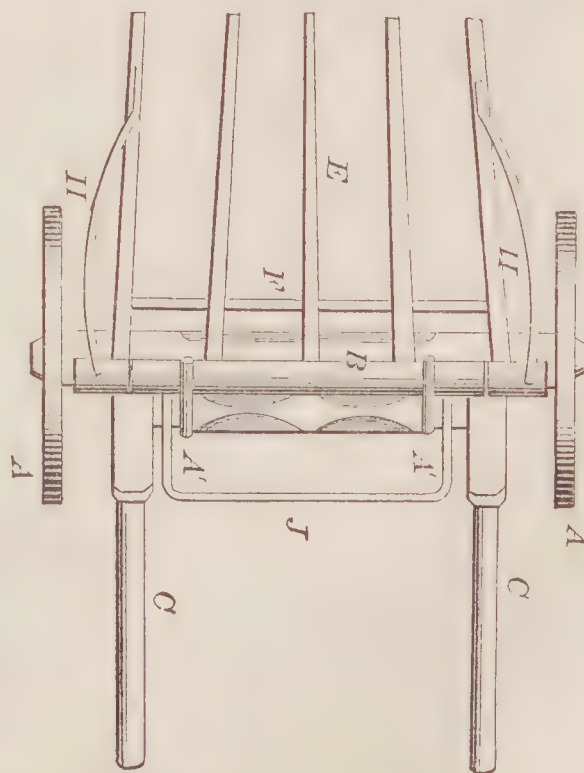
80527—M. V. B. Young—*Cigar Holder.*



80528—T. J. Close—*Settee.*



80523—Warnock & Abbey—*Grain Rake.*





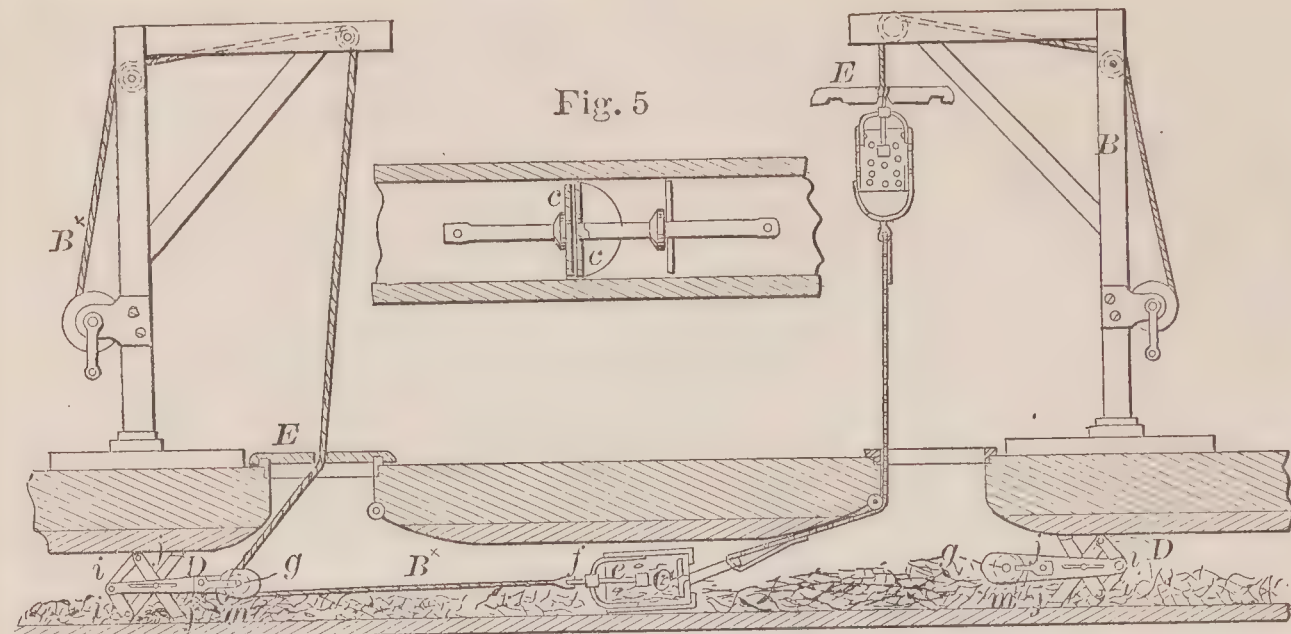
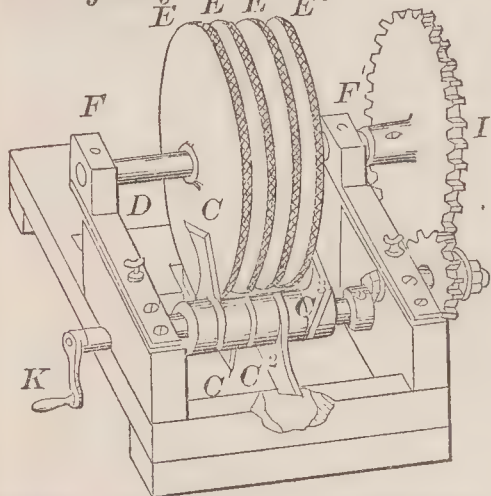
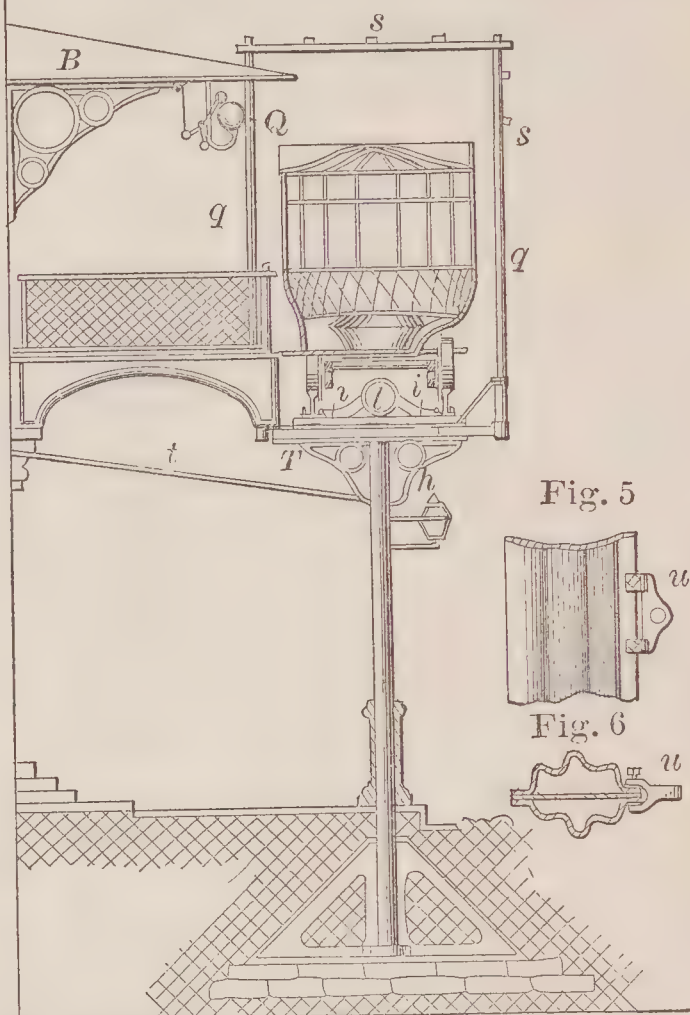
80526—C. Williams—*For Cleaning Sewers.*80531—Bennett & Anderson—*For Cutting Rags.*  $E^1 E^2 E^3$ 80530—E. M. Barnum—*Elevated Railway.*

Fig. 5

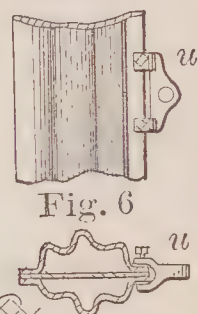
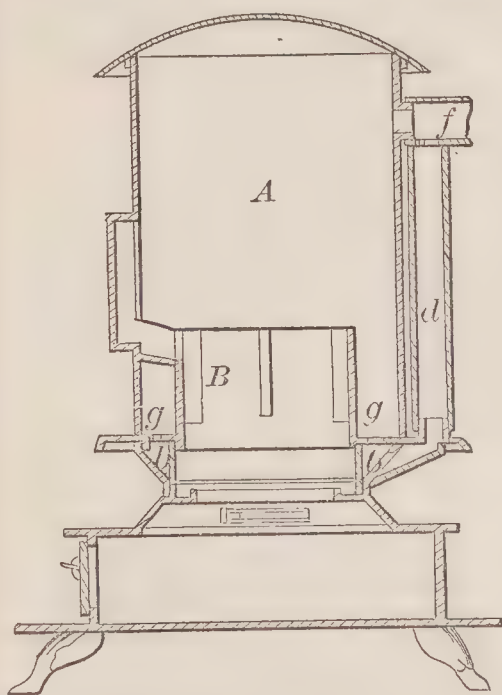
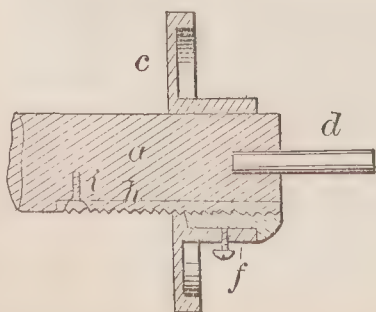
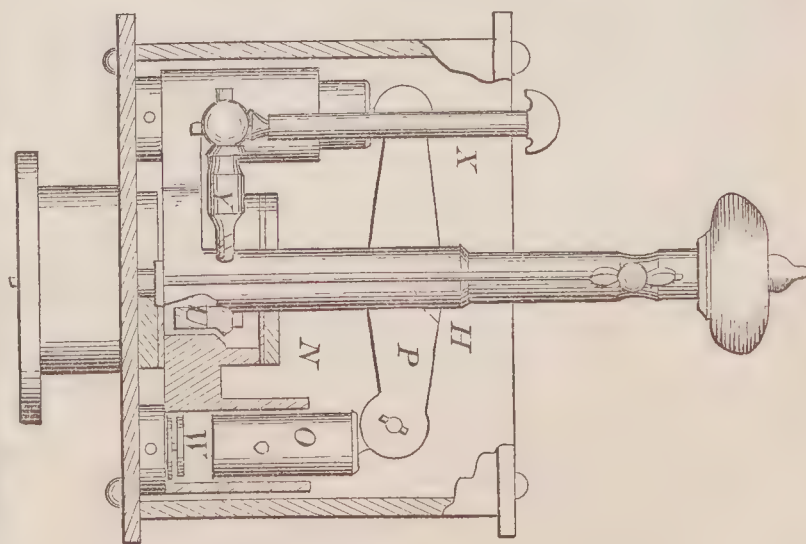
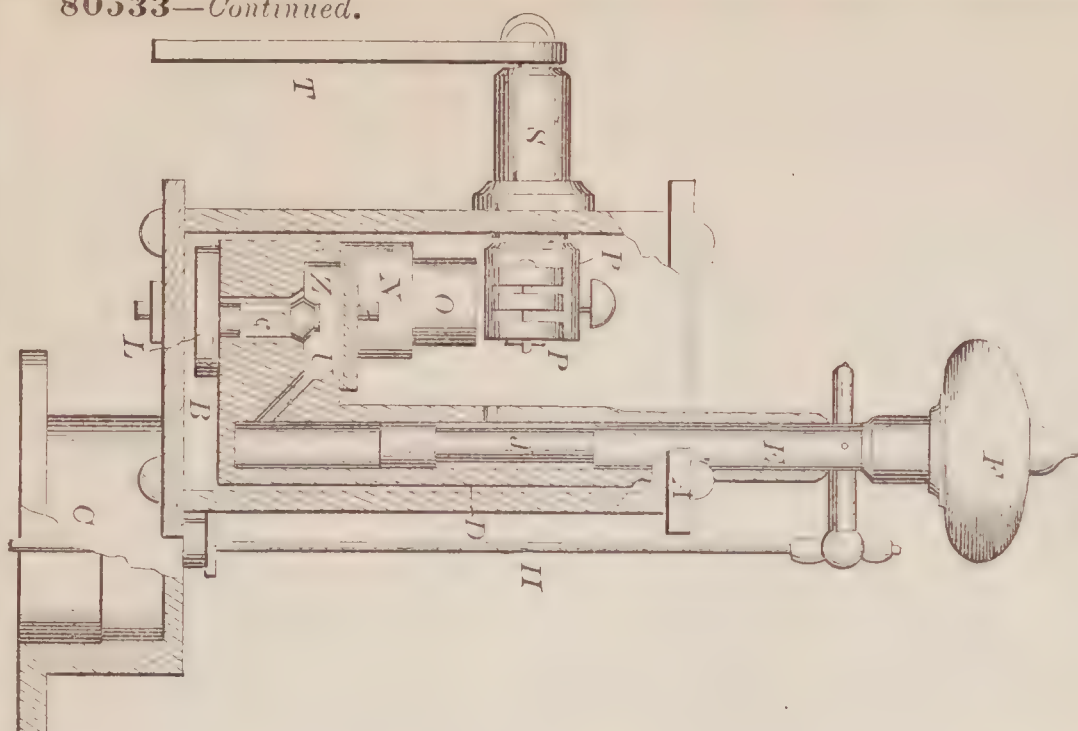


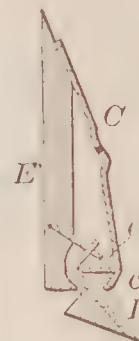
Fig. 6

80532—D. B. Cox—*Coal Stove.*80529—B. A. Bailey—*Yarn Beam for Looms.*80533—C. G. Cross—*Steam Engine Governor.*

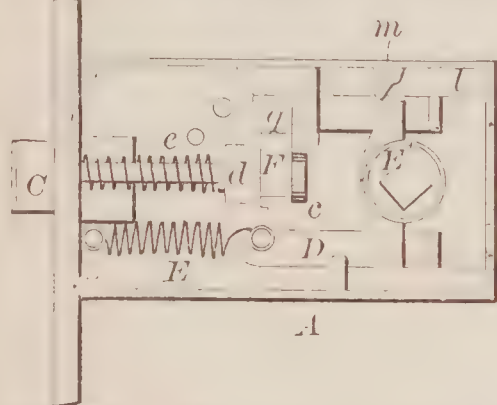
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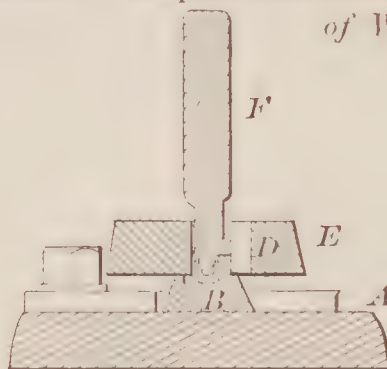
80538—T. S. Fellows—Weather Strip.



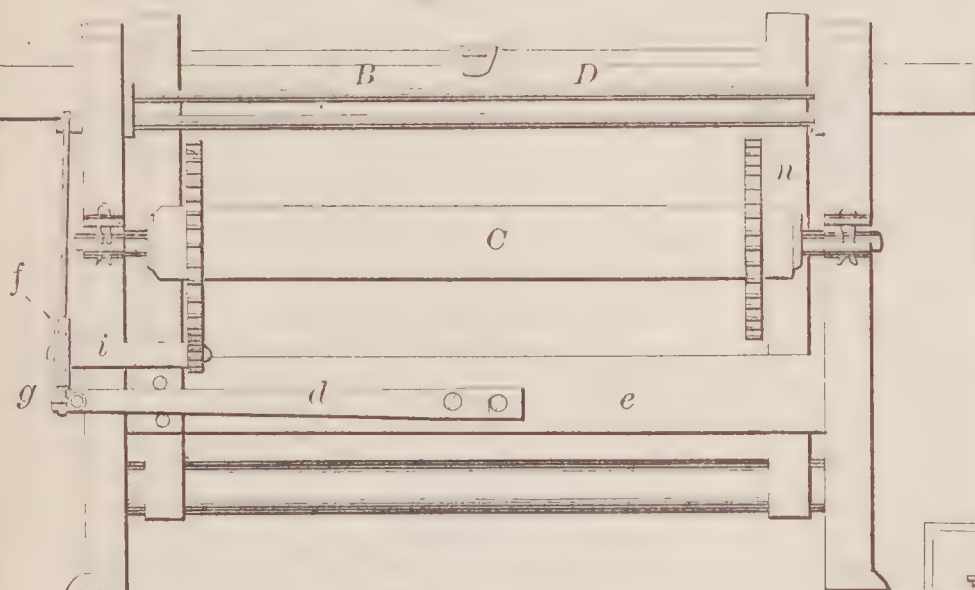
80539—C. R. Fisher—Reversible Latch.



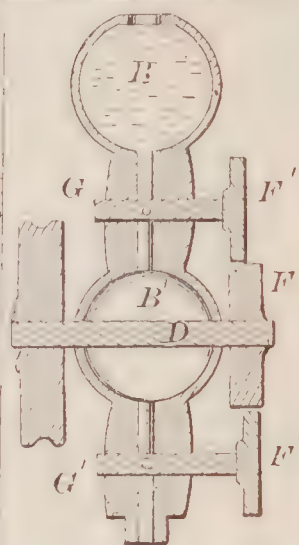
80535—V. Draper—For Swaging Swivel Eyes of Watch Chains.



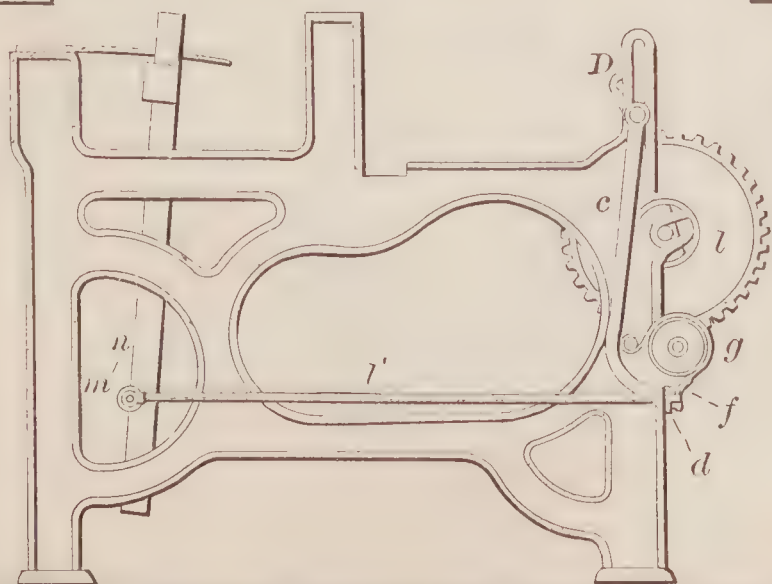
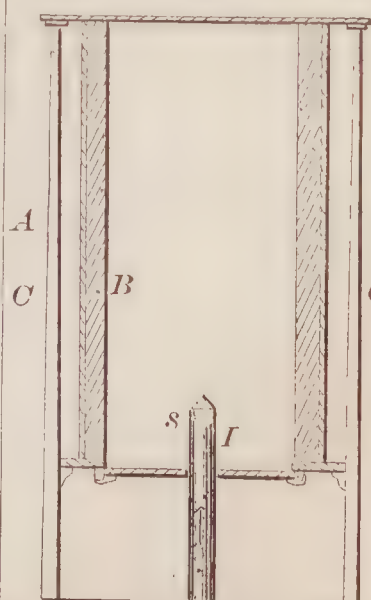
80534—G. Draper—Let-off for Looms.



80536—S. Driver—Boiler Fitter.



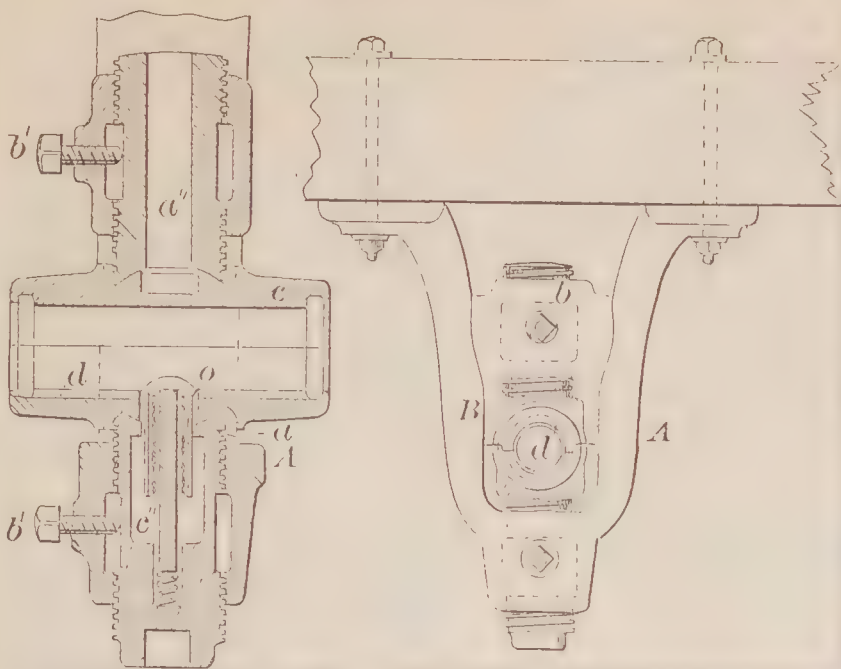
80537—J. H. Eddy—Cupola Furnace.



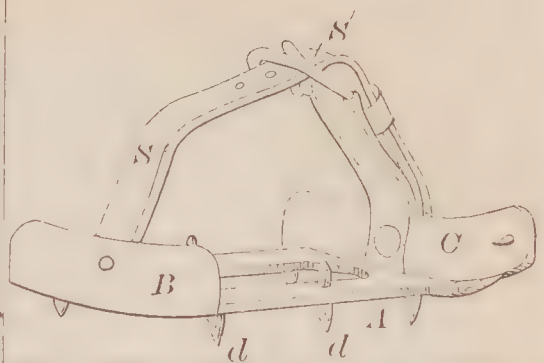




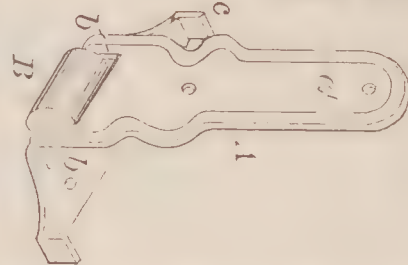
80546—Hubbard & Smith—*Hanger for Shafting.*



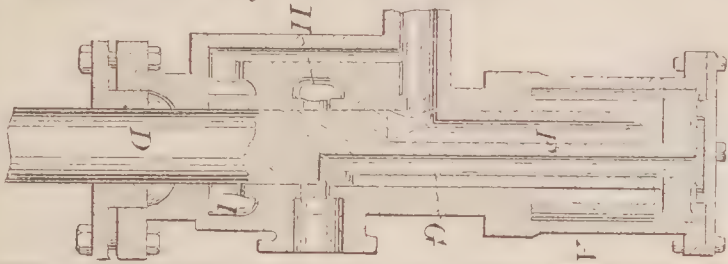
80549—J. U. Johnson—*Boot Protector.*



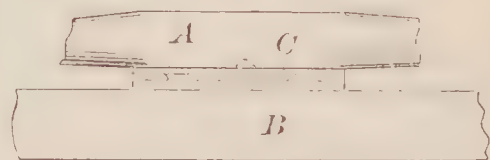
80548—G. B. Jenkinson—*Trunk Caster Frame.*



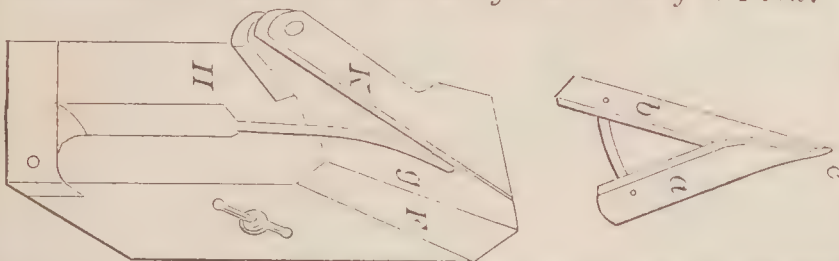
80550—D. Joy—*Steam Hammer.*



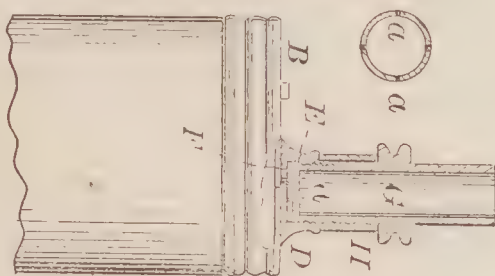
80551—J. W. Kelley—*Whiffletree.*



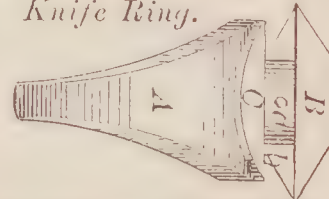
80552—J. Lane—*For Welding the Parts of a Plow.*



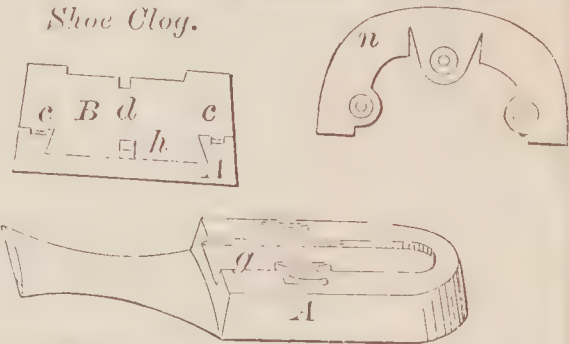
80554—J. B. Lyon—*Fruit Jar.*



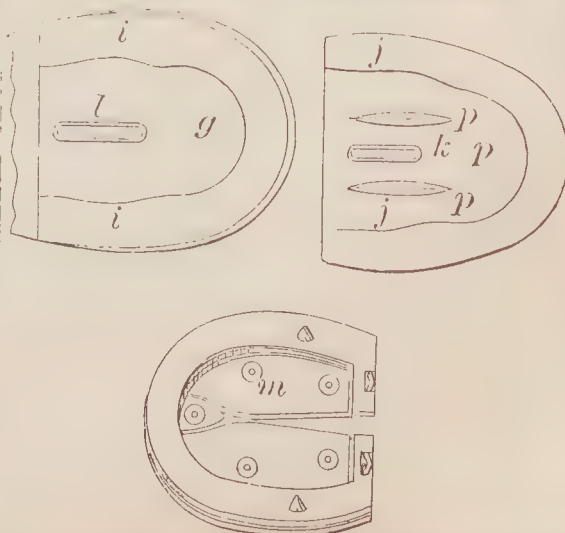
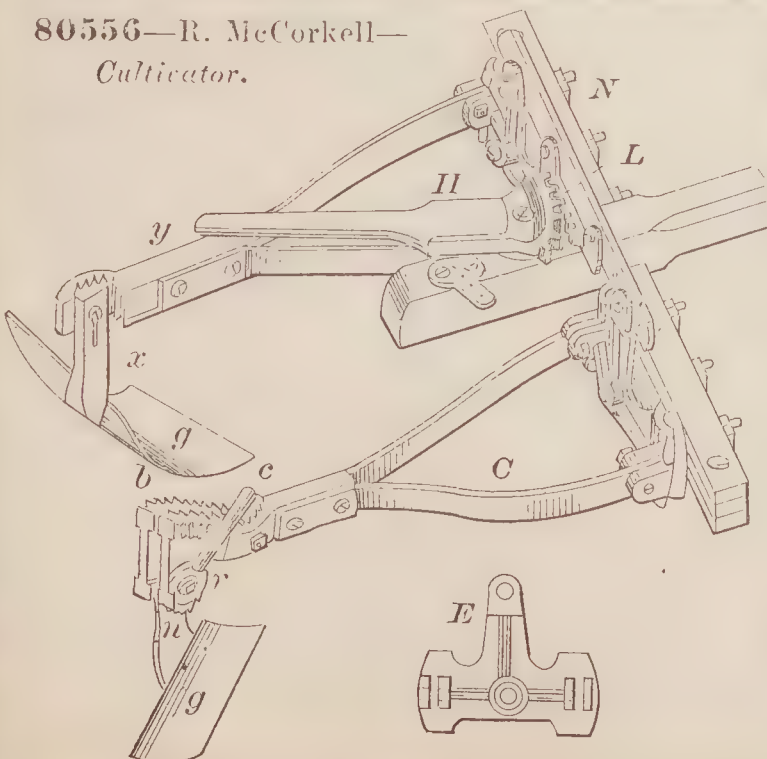
80553—C. B. & W. A. N. Long—*Knife Ring.*



80555—G. W. Martin—*Boot and Shoe Clog.*

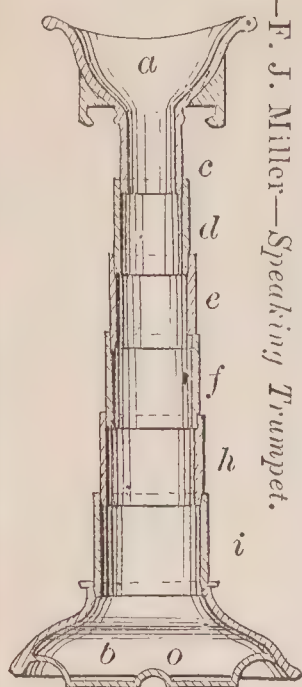


80556—R. McCorkell—*Cultivator.*

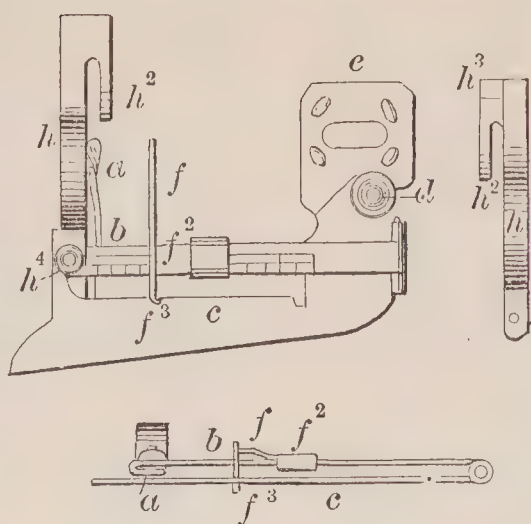




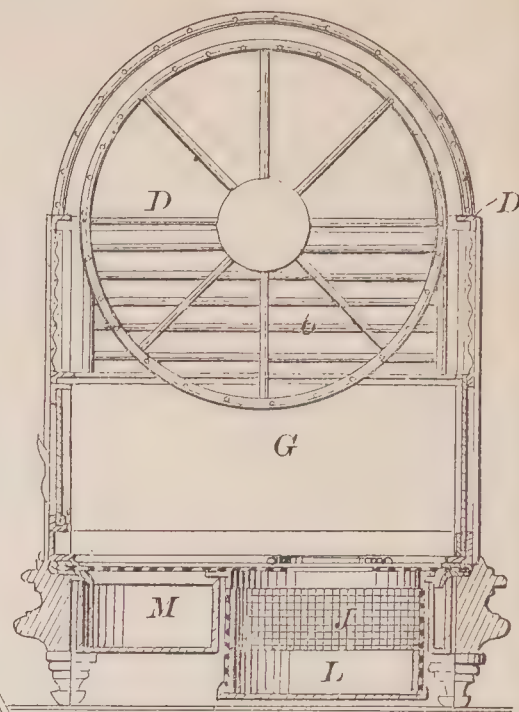
80557—F. J. Miller—Speaking Trumpet.



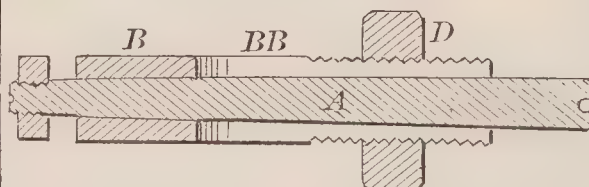
80558—J. Morrison—Sewing Machine Hemmer.



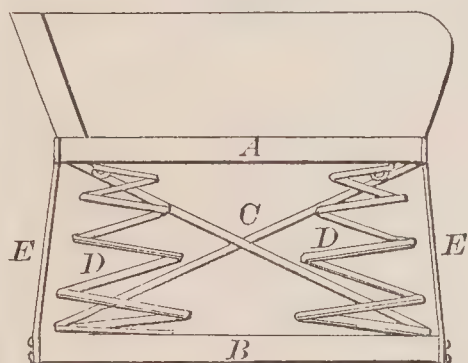
80561—C. L. Osborn—Bird Cage.



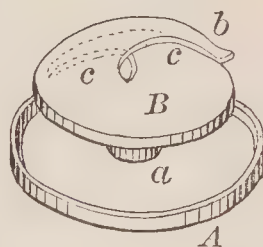
80560—A. F. Nagle—Mandrel.



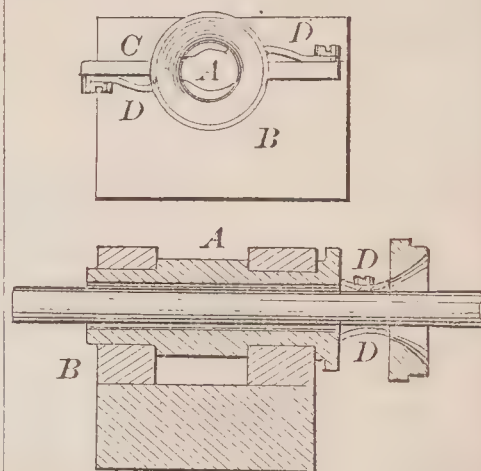
80562—H. H. Palmer—Seat for Wagons.



80563—F. J. Peabody—Button.



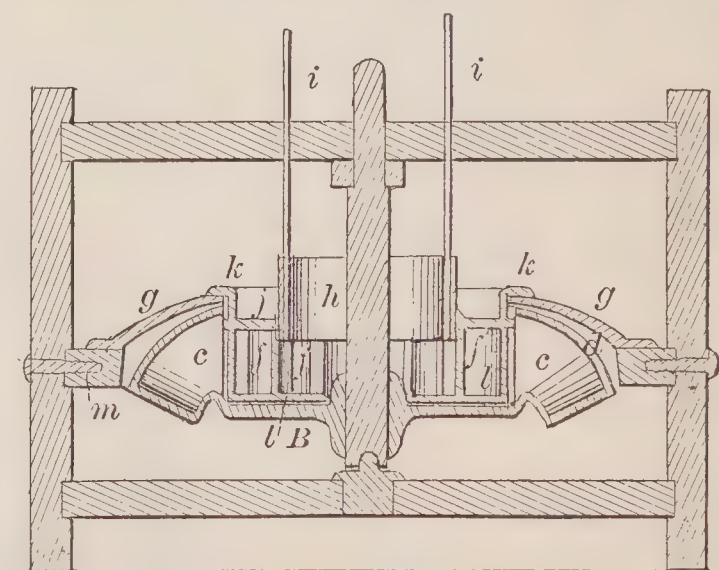
80564—E. Quinlan—For Polishing Wooden Handles.



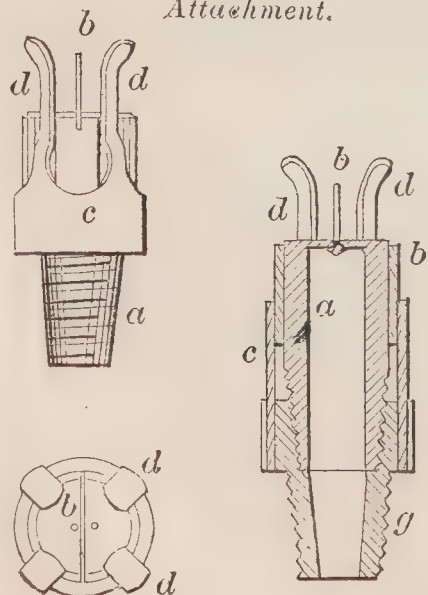
80567—G. F. Sack—Mould for Casting Letters.



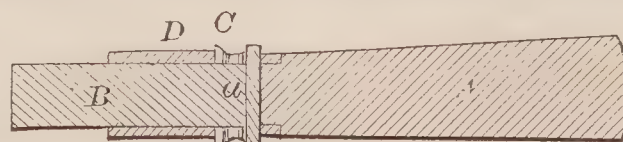
80566—I. S. Roland—Water Wheel.



80568—J. Scholl—Gas Burner Attachment.



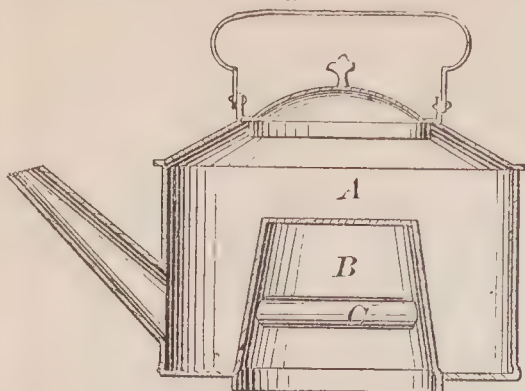
80565—G. Raymond—Attaching Handles to Tools.



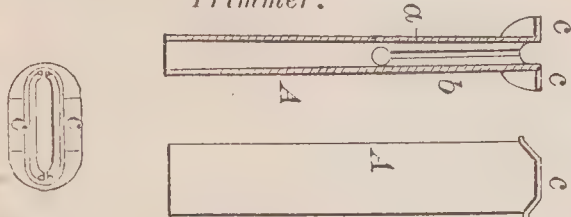




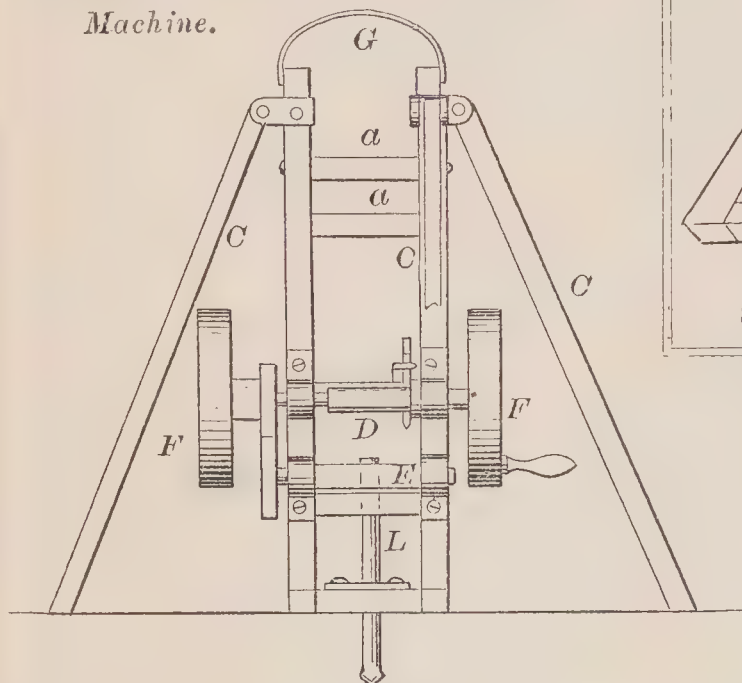
80576—W. Wagstaff—*Tea Kettle and Coffee Pot.*



80577—D. Warner—*Lamp Wick Trimmer.*



80579—W. Weiler—*Rock Drilling Machine.*



80578—W. F. Waterhouse—*Hop Dryer.*

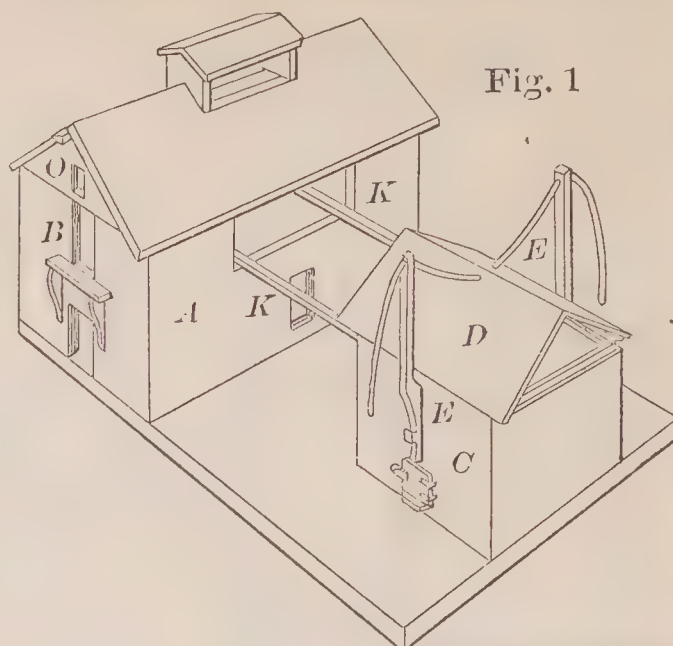
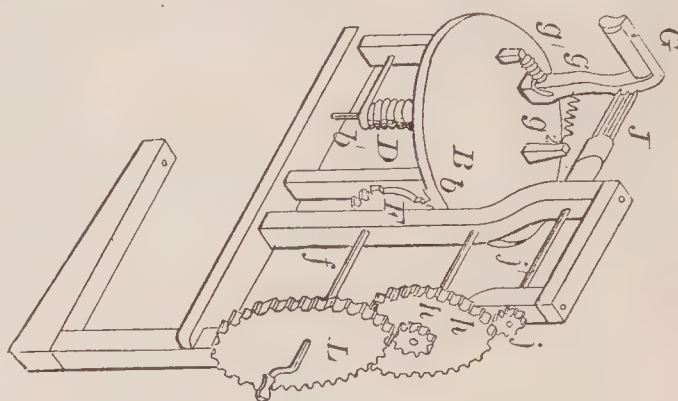
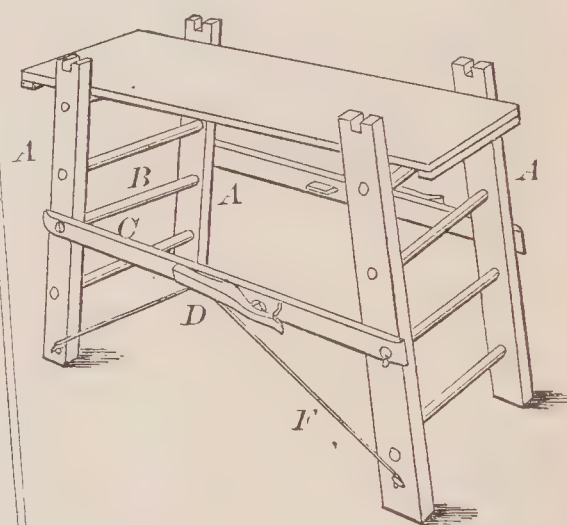


Fig. 1

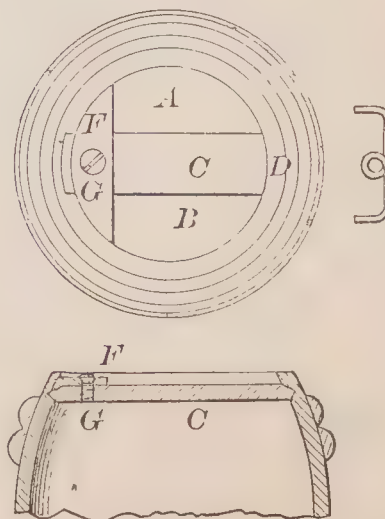


80580—C. A. Wiggin—*Apple Parer.*

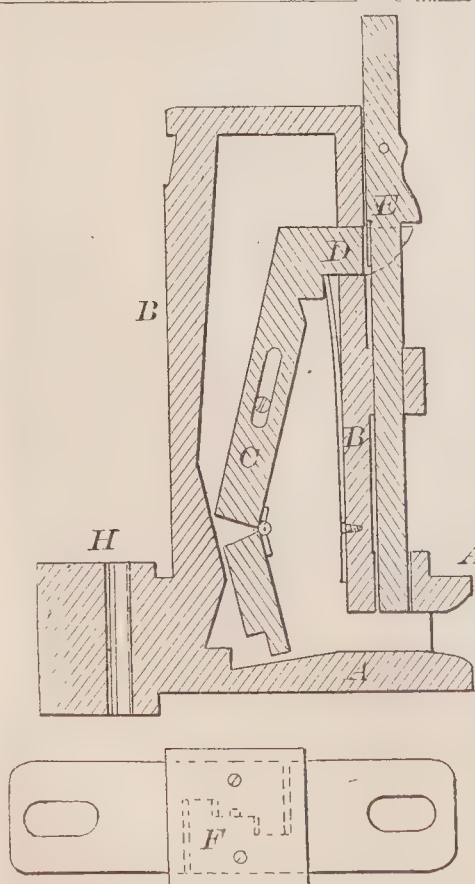
80581—M. T. Williams—*Scaffolding.*



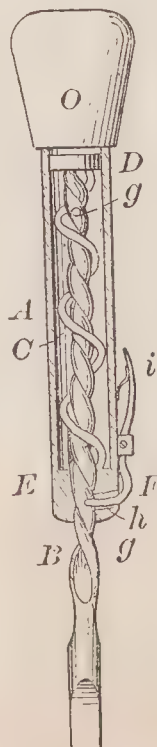
80582—A. C. Yawger—*Adjustable Barrel Head.*



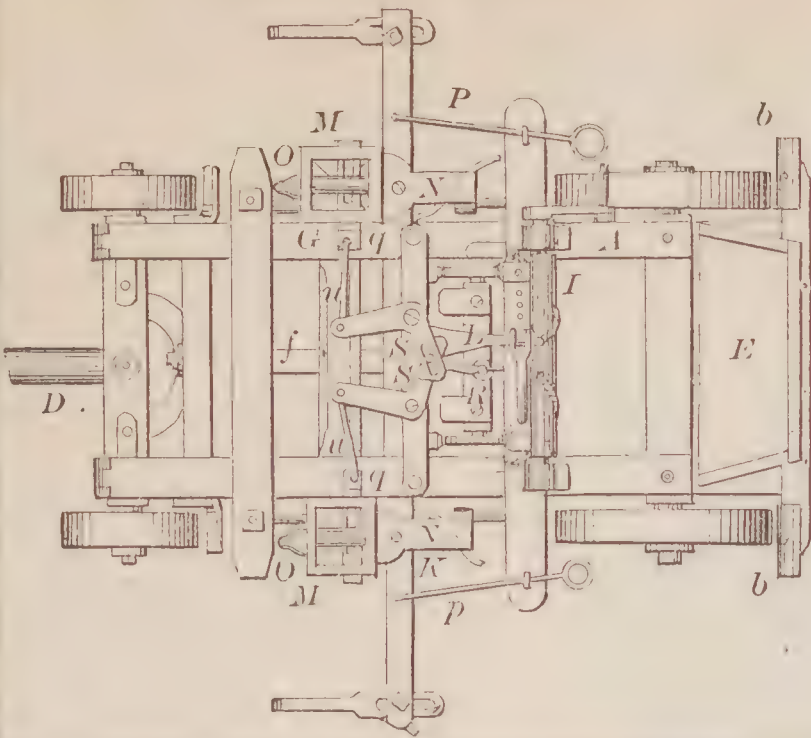
80584—W. S. Anderson—*Car Coupling.*



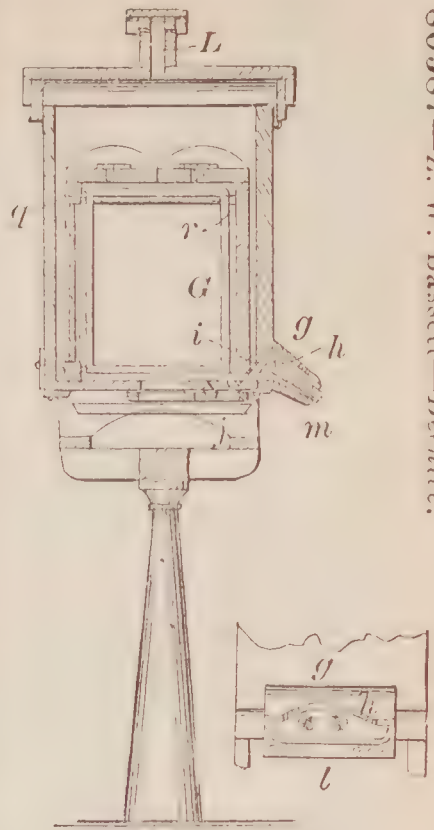
80583—I. Allard—*Screw Driver.*



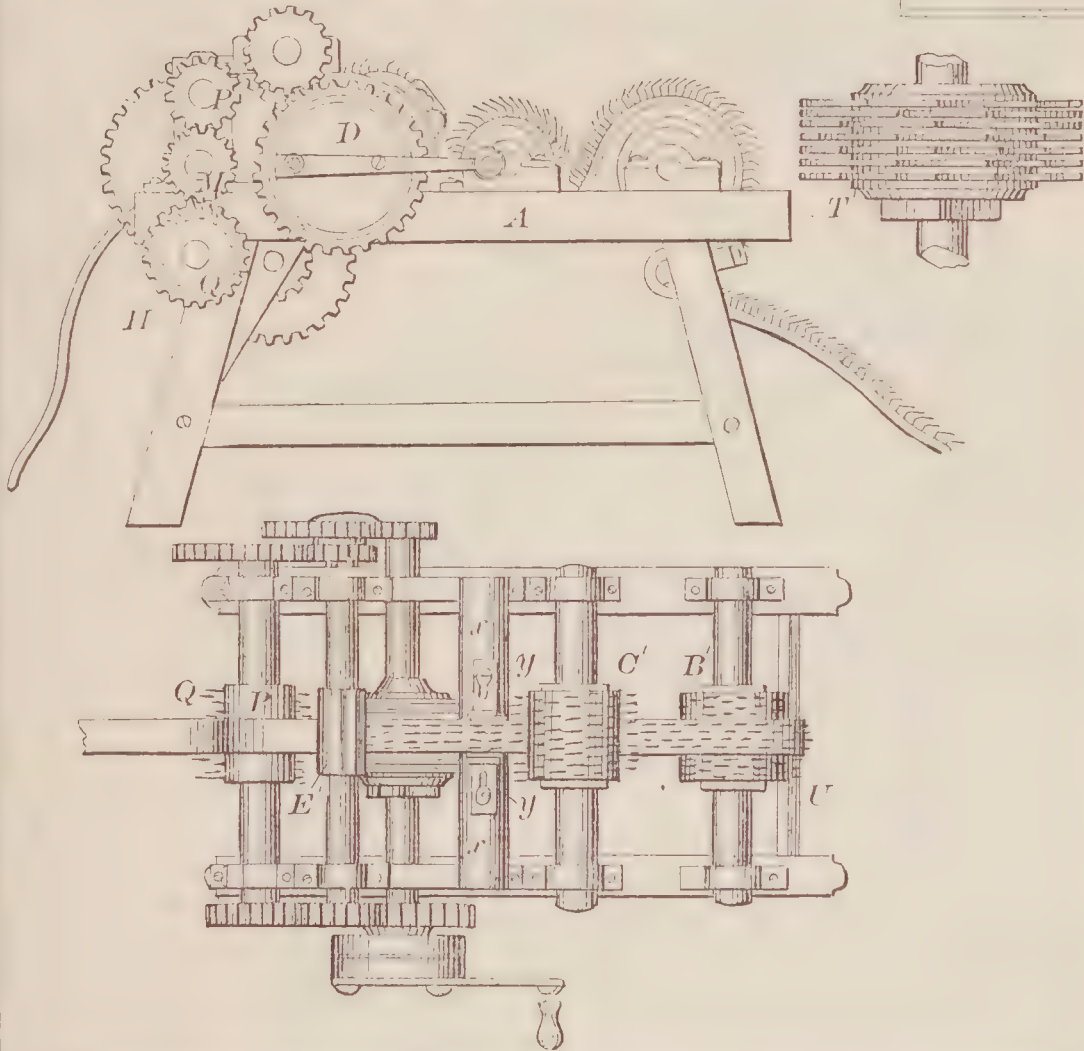
80585—M. Atwood—Seed Planter.



80587—Z. W. Bassett—Beehive.



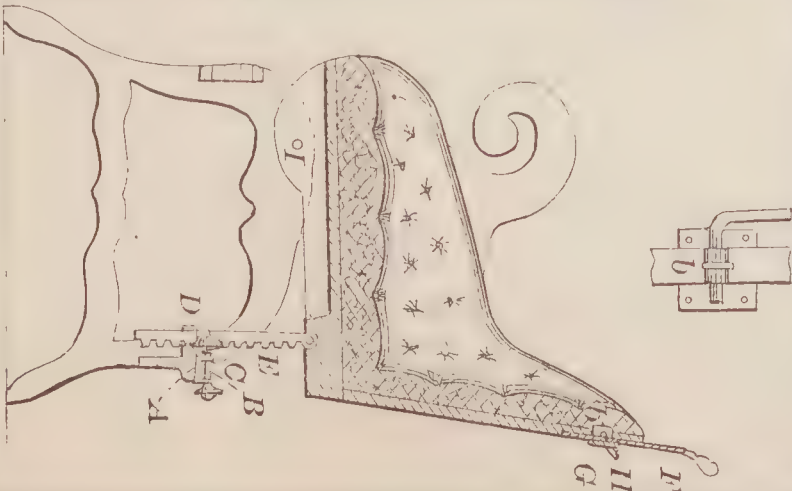
80586—Baham, Wilson & French—For Removing Wire Teeth from Cards.



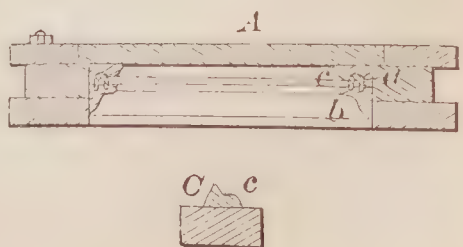
80588—S. R. Bolton—Stocking Downer.



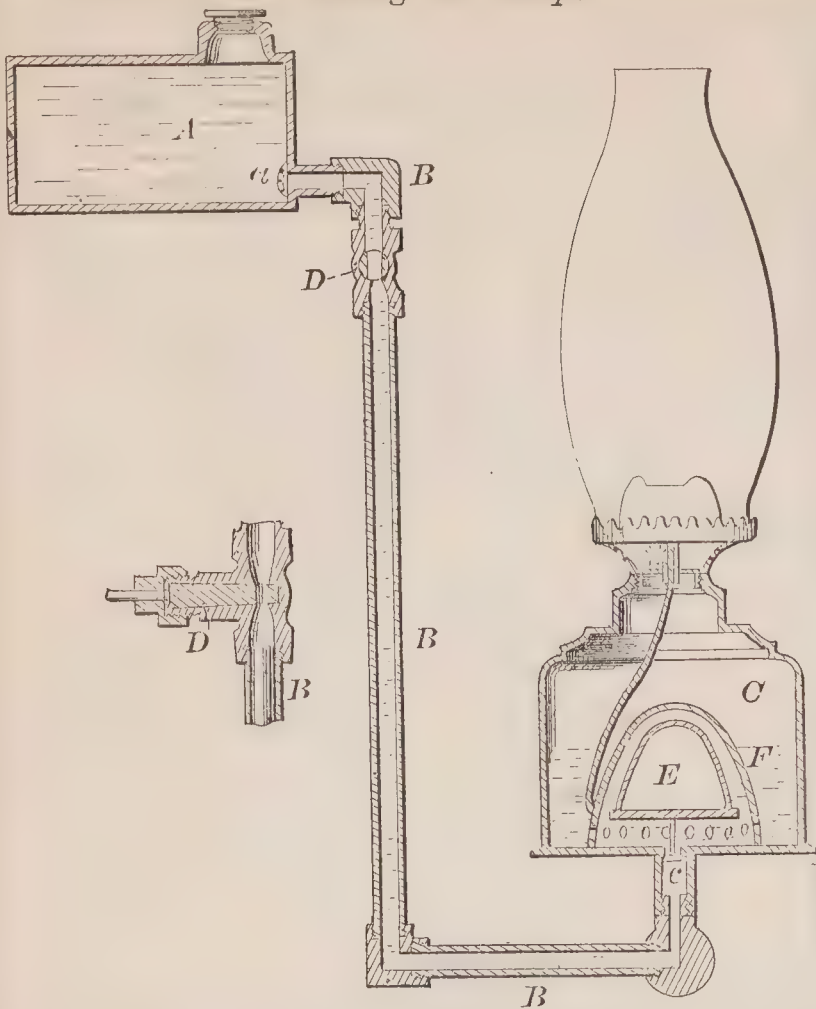
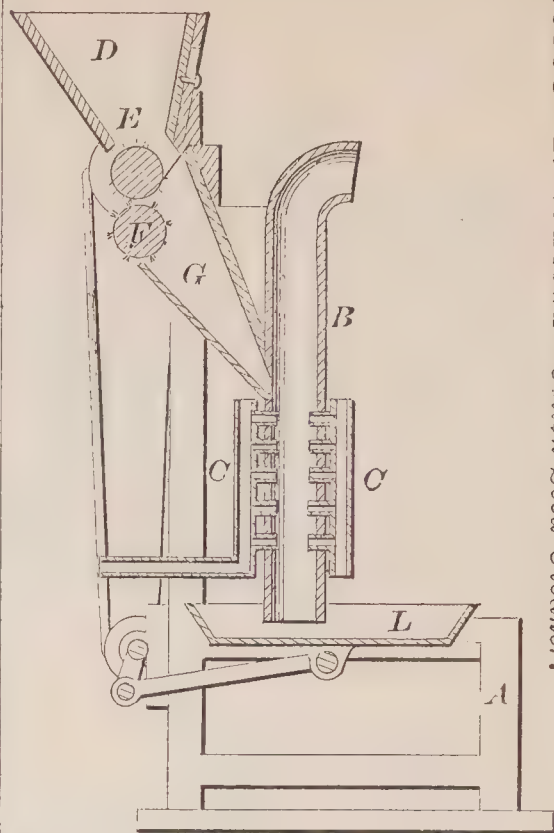
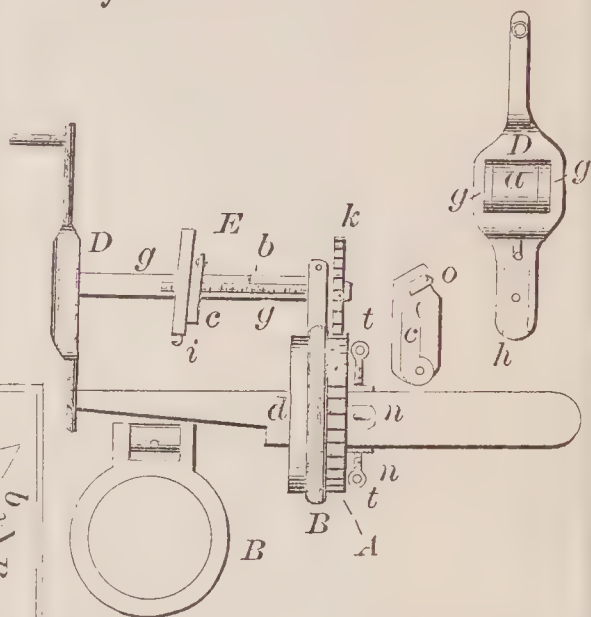
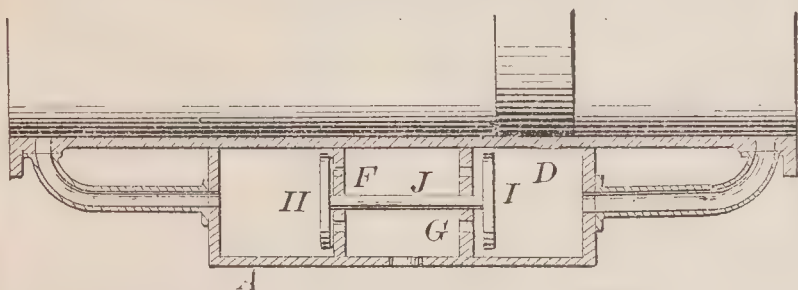
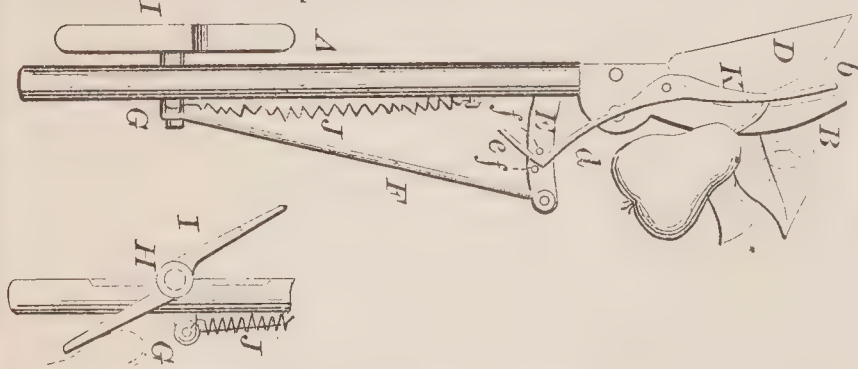
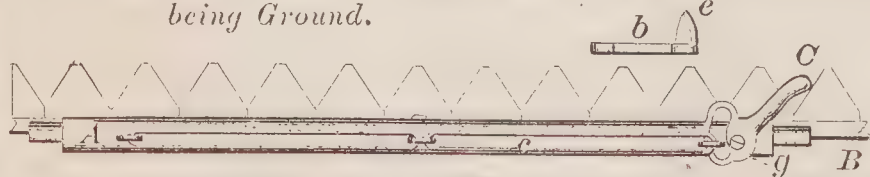
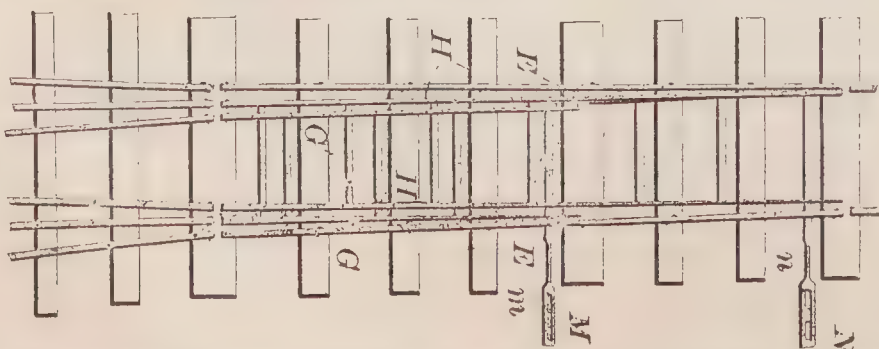
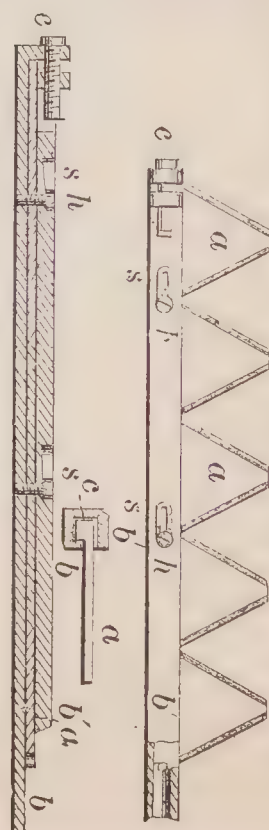
80589—Boon & Finchure—Barbers' Chair.



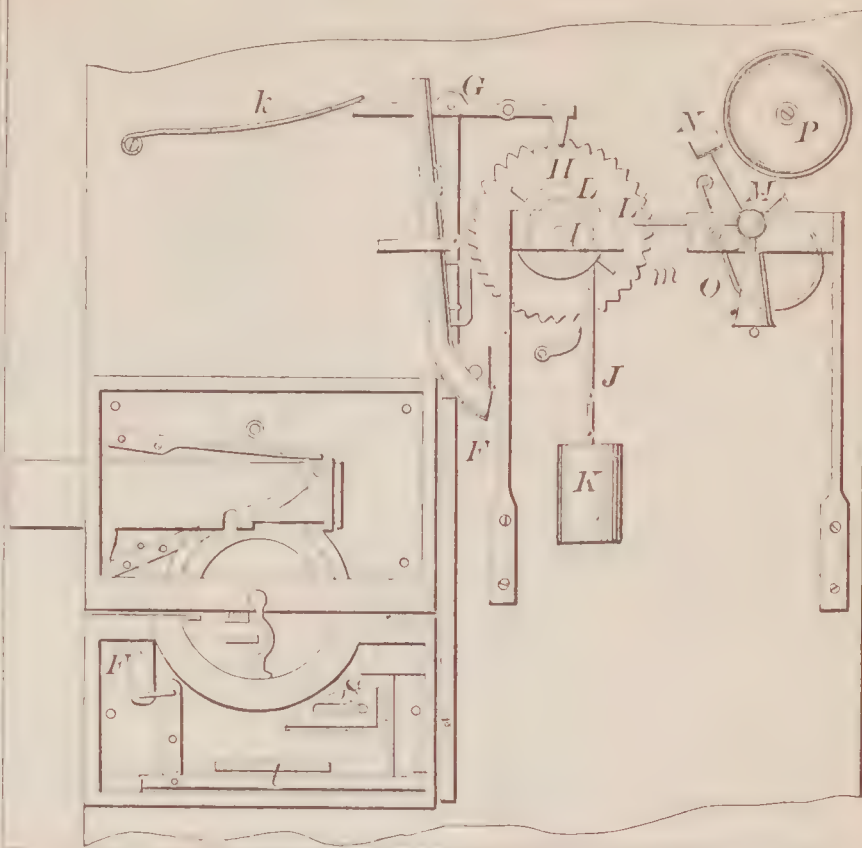
80591—A. C. Brown—Weather Strip.



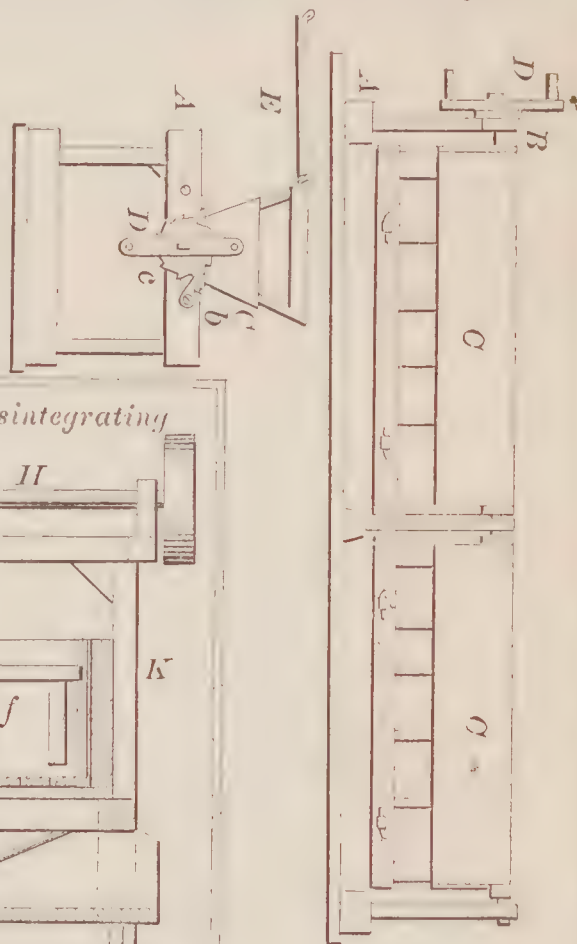


80590—S. C. Brockington—*Lamp.*80593—J. W. Brown—*Cotton Seed Cleaner.*80594—J. Burt—*Skein Setter for Axles.*80592—R. Brown—*Steam Trap.*80595—D. Campbell—*Pruning Shears.*80596—H. J. Case—*Clamping Mowing Machine Cutters while being Ground.*80601—Clark & Besler—*Switch.*80598—G. W. Chapman, Jr.—*Harvester Cutter.*

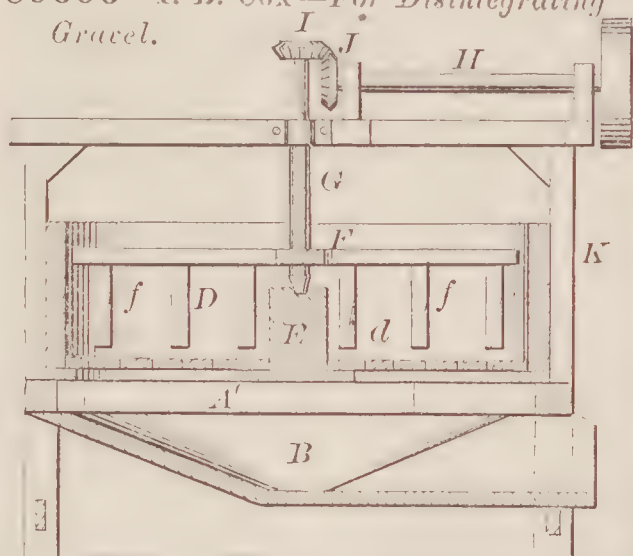
80599—N. Cheek—*Burglar Alarm Lock.*



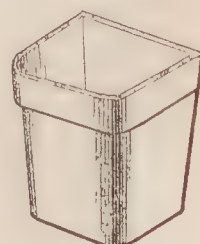
80603—J. C. Colflesh—*Sheep Feeding Rack.*



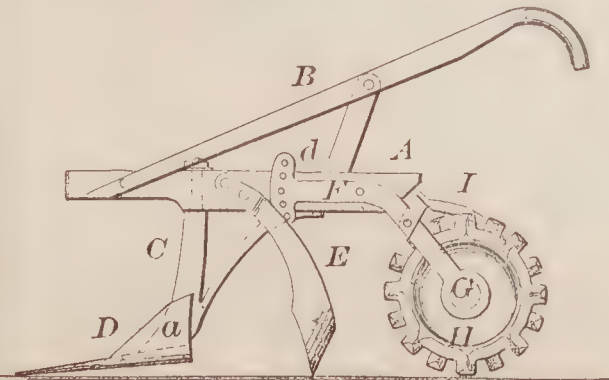
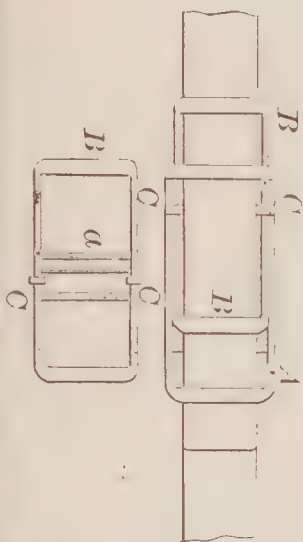
80606—I. B. Cox—*For Disintegrating Gravel.*



80602—O. W. Clark—  
*Elevator Bucket.*



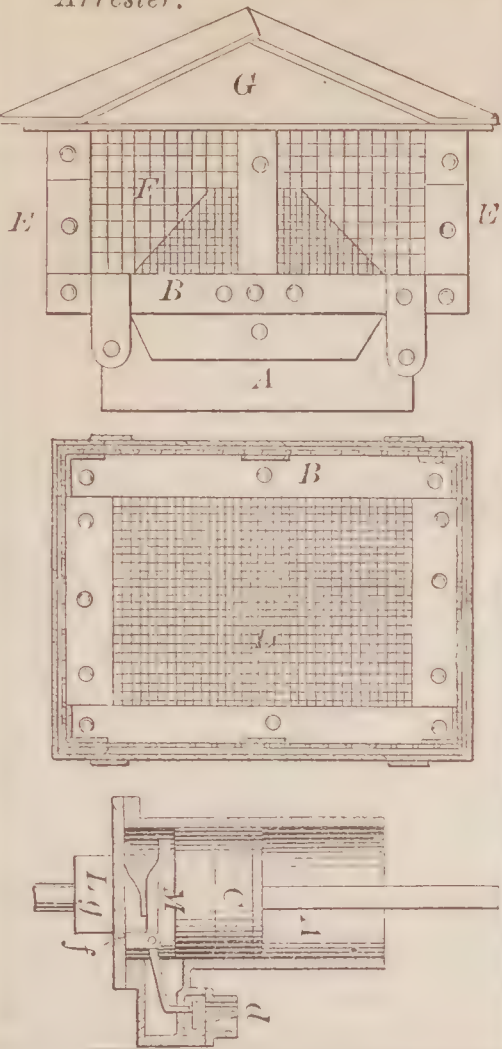
80604—G. W. Cooper—*Rice*  
*Cultivator.*

80605—L. D. Cowles—*Buchite*.

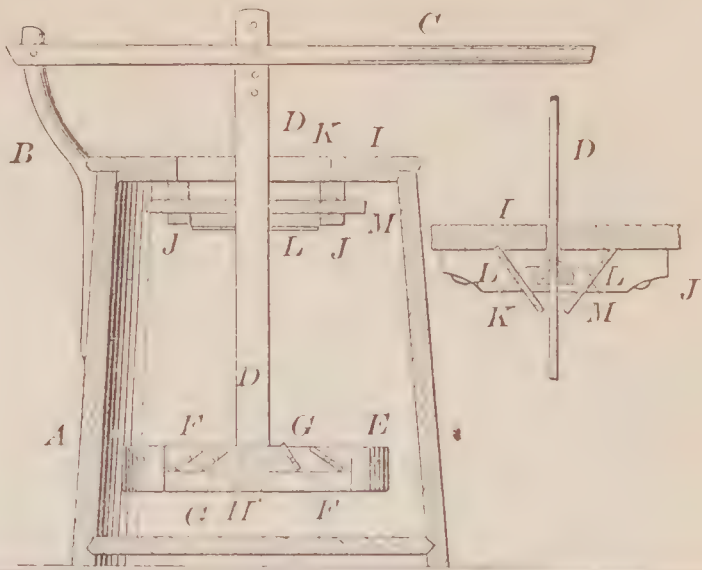




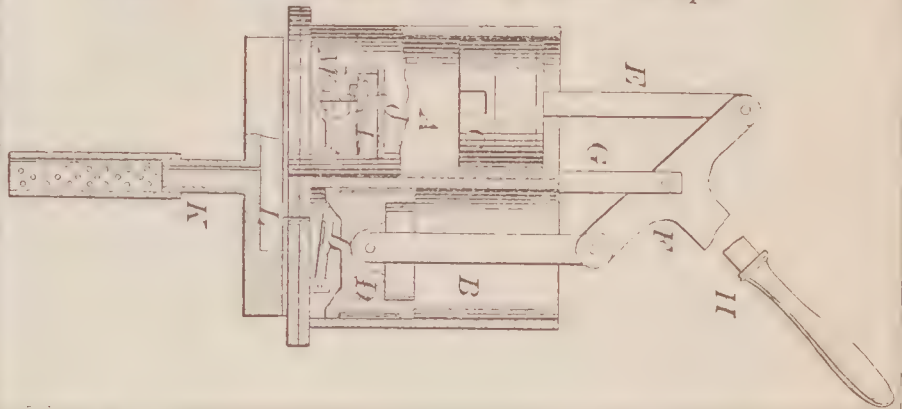
80615—D. Eberhart—*Spark Arrester.*



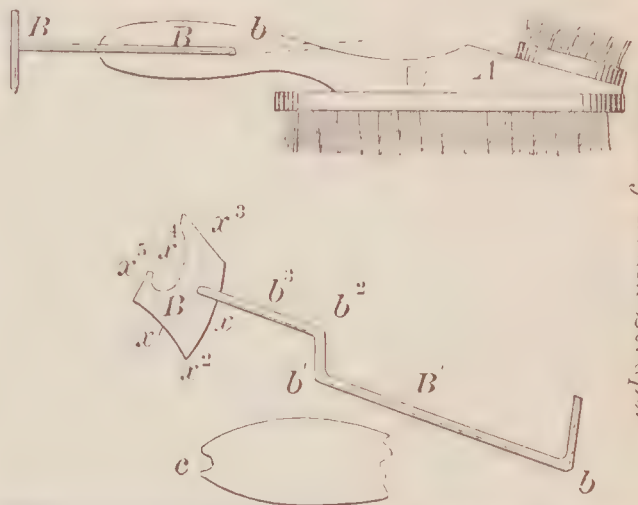
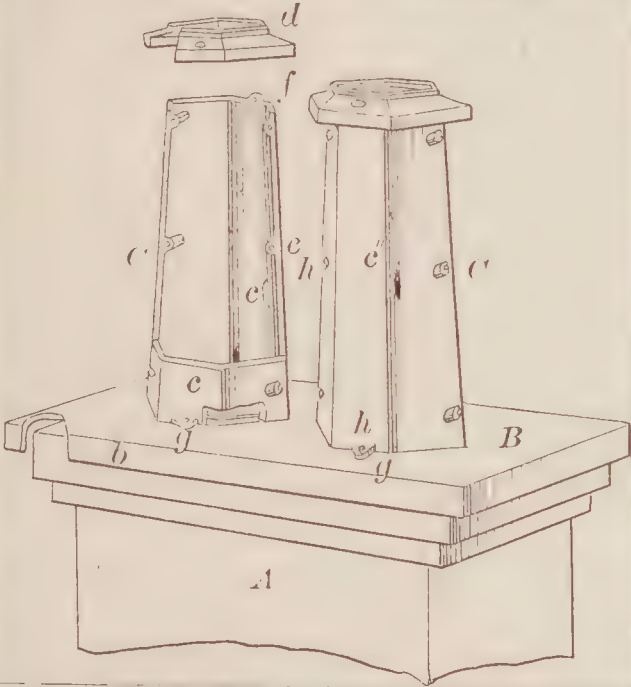
80616—D. A. Fiske—*Churn.*



80617—P. Foley—*Double Action Pump.*

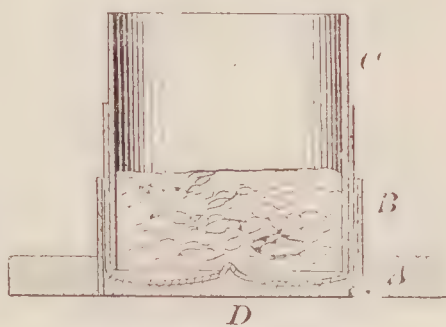


80618—W. C. Frailey—*Chimney Cowl*

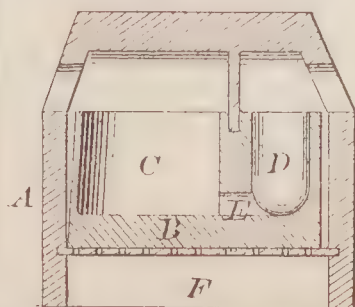


80621—J. Goodenough—*Blacking Brush Scraper.*

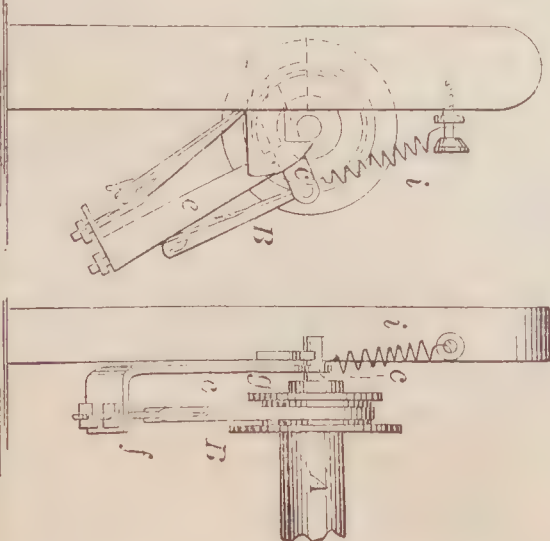
80619—E. G. Ganiard—*Haddock Filler.*



80623—N. Granger—*Glass Furnace.*



80625—W. Hall—*Let-off Mechanism for Looms.*

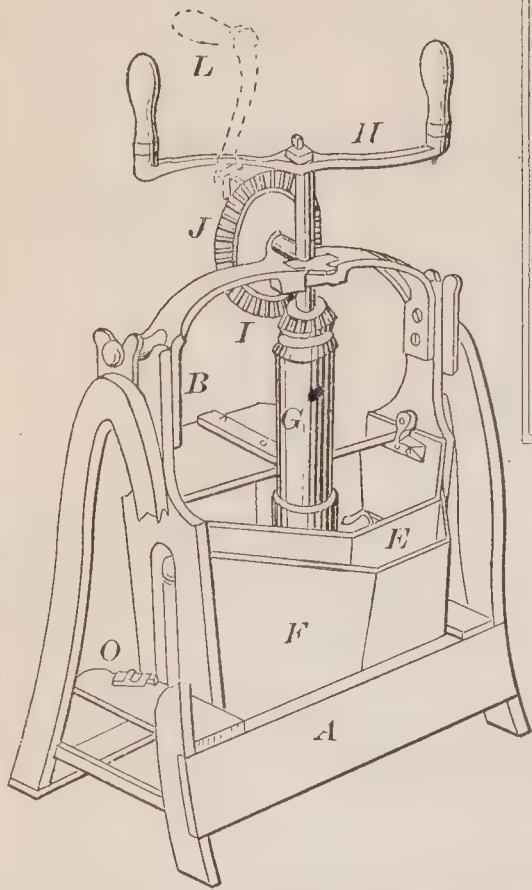


80622—W. S. Goss—*Serie Driver.*

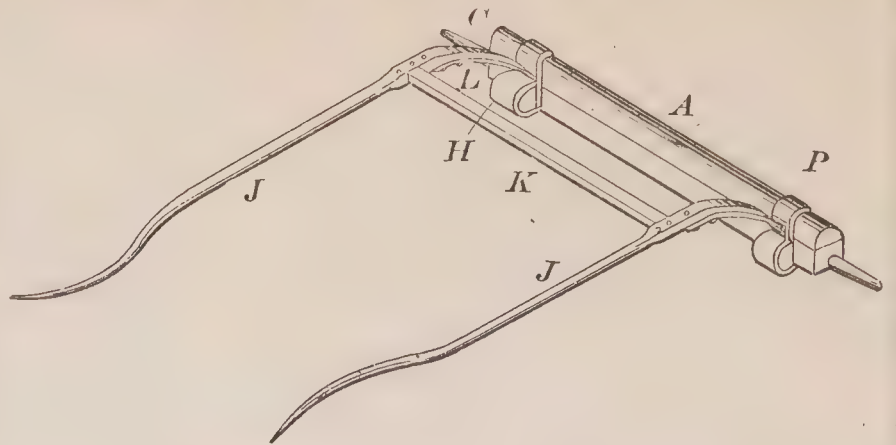




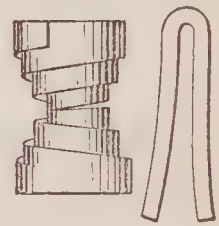
80624—S. L. Hall—*Churn and Butter Worker.*



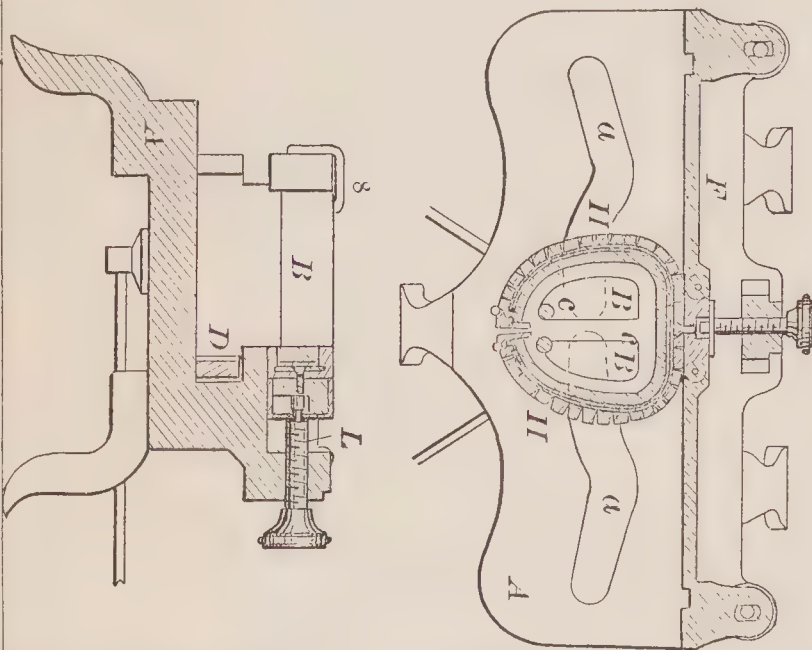
80626—I. C. Hart—*Thill Coupling.*



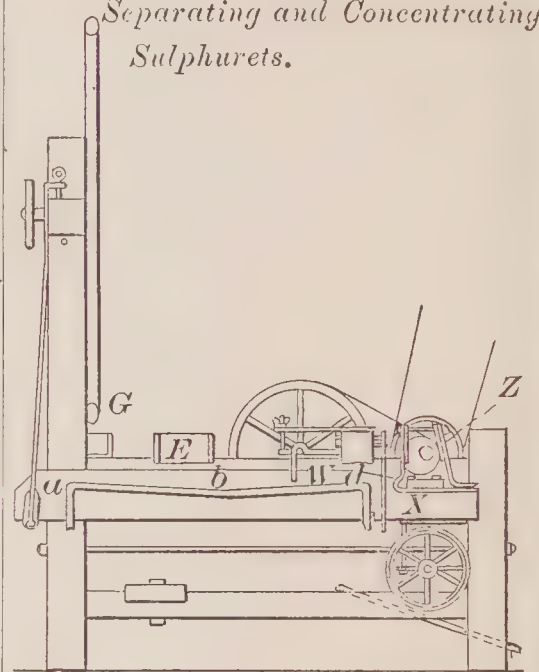
80628—J. Hobart—*Double Volute Spring.*



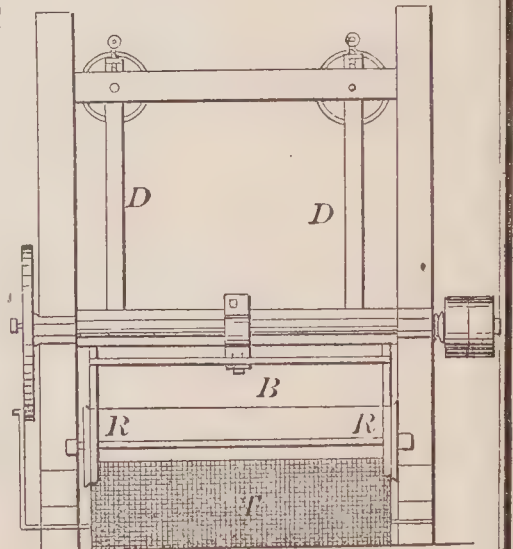
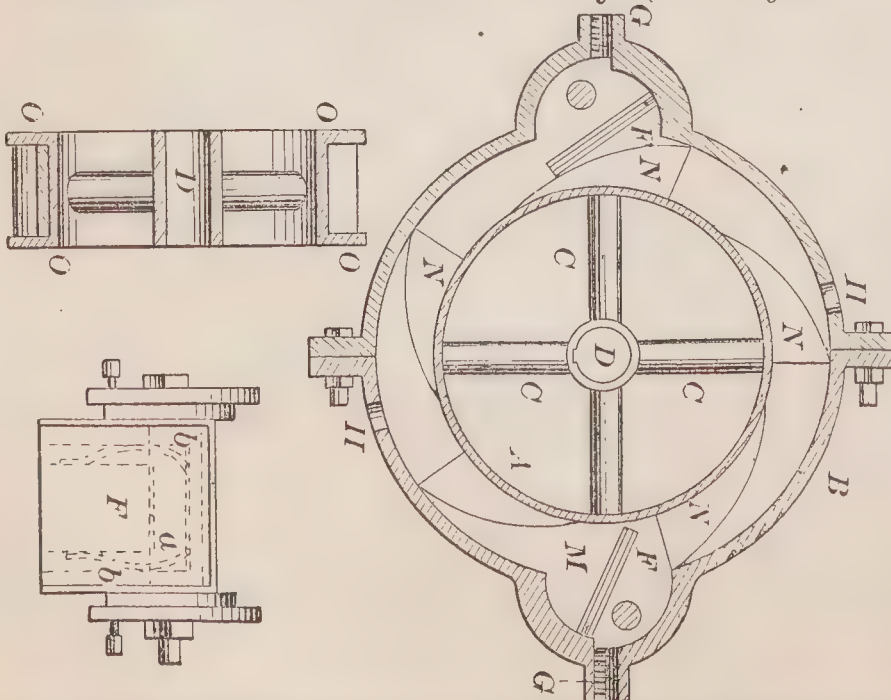
80627—L. Heywood—*For Bending Wood.*



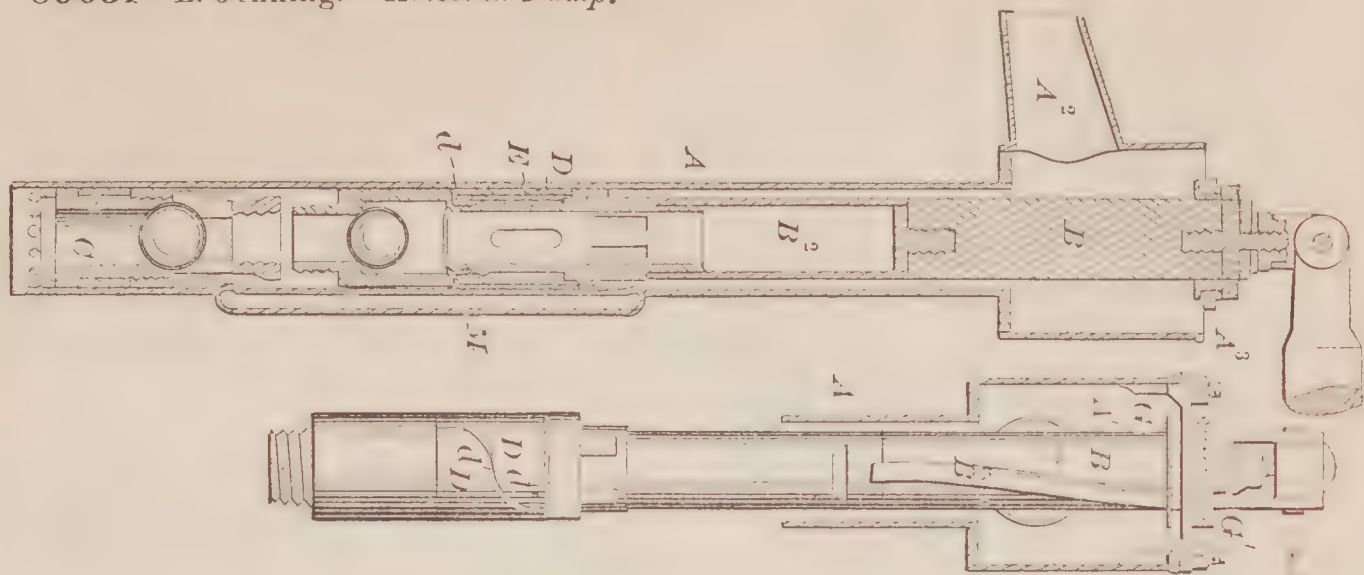
80629—A. Hunter—*For Separating and Concentrating Sulphurets.*



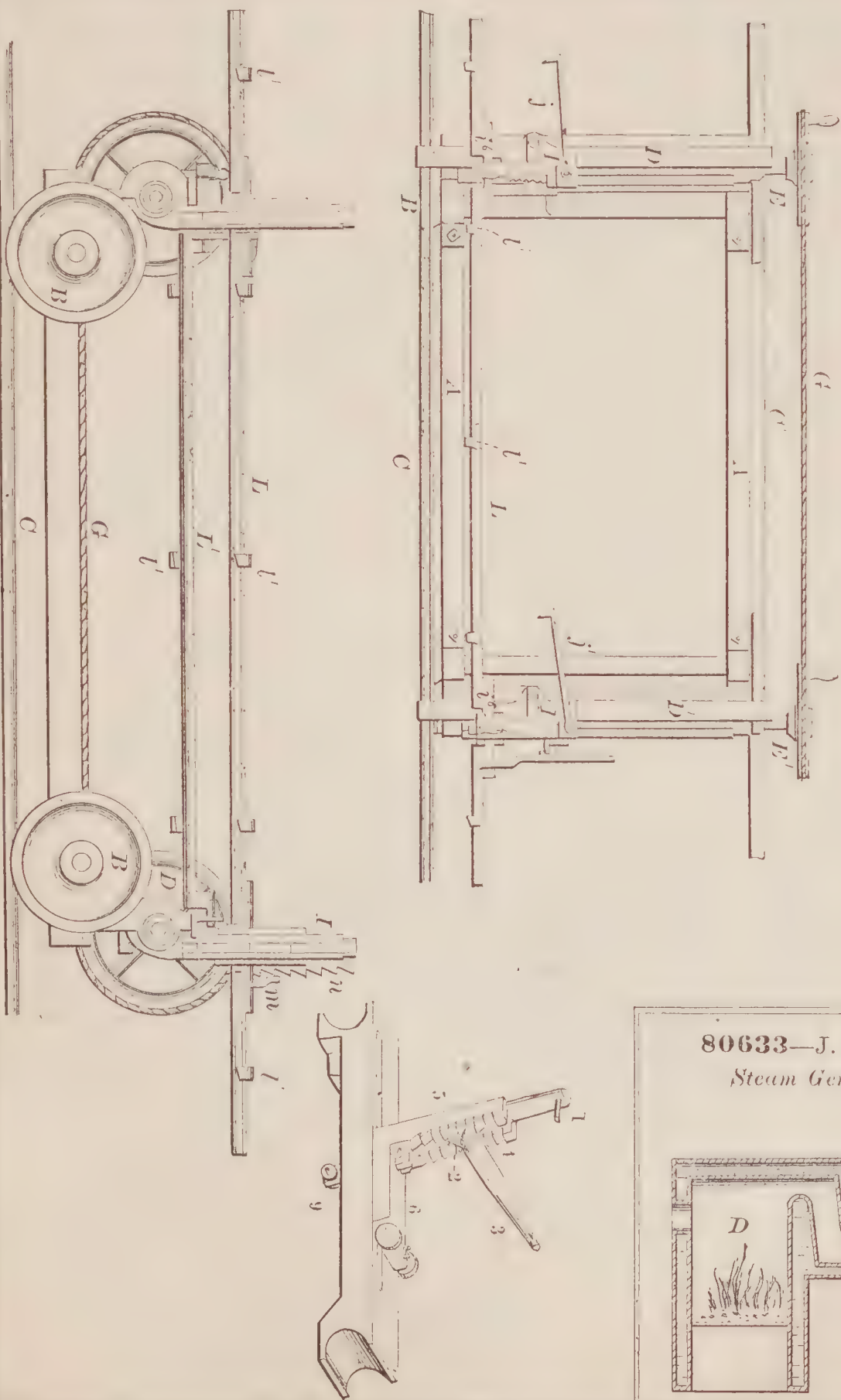
80630—N. & A. W. Jackson—*Rotary Steam Engine.*



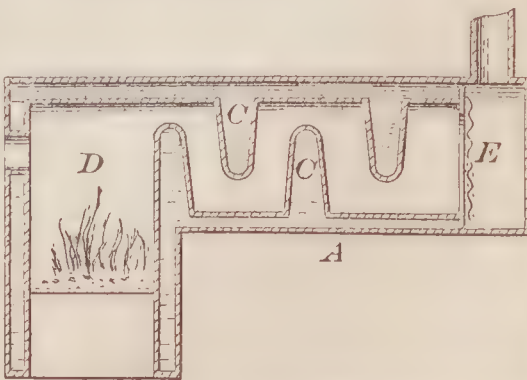
80631—L. Jennings—Artesian Pump.



80632—N. Johnson—Heed Block for Saw Mills.



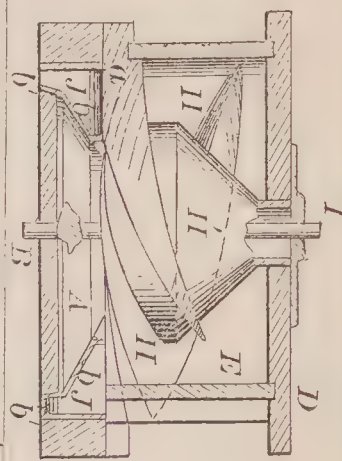
80633—J. Kelshaw—  
Steam Generator.





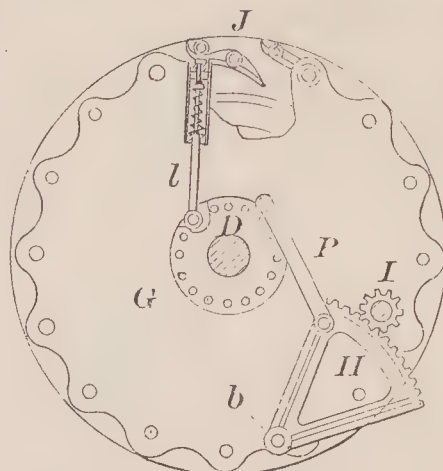
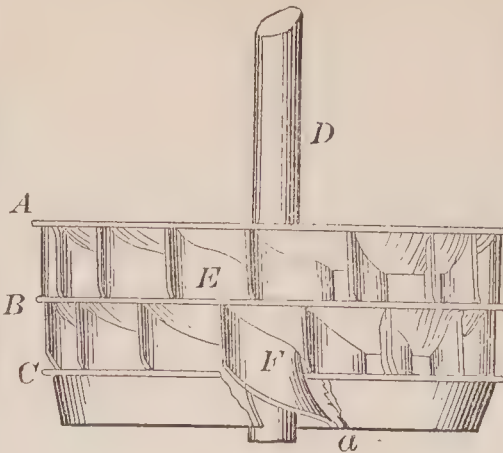
80638—J. Y. Tanfair—

Heller, H. H.

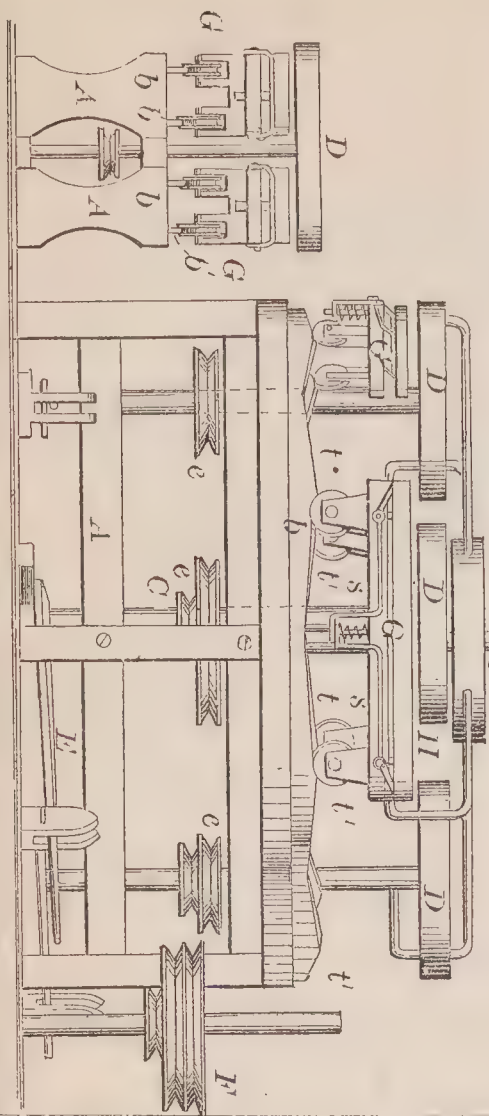


80635—T. J. Kindleberger—  
*Water Wheel.*

*Water Wheel.*



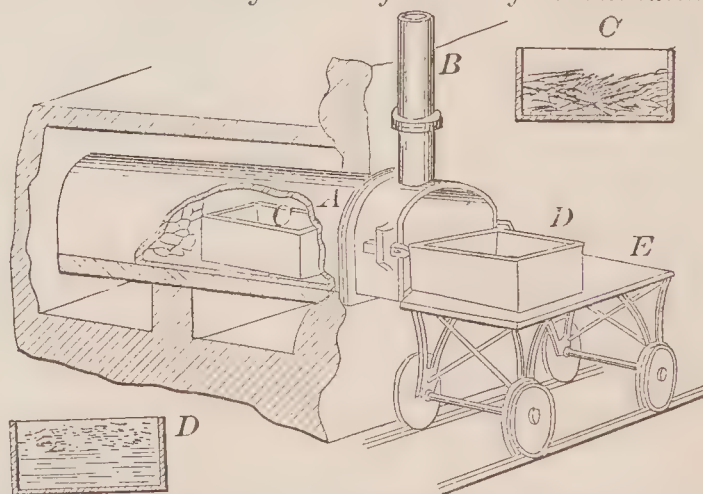
80634—W. Kester—*For Grinding and Polishing School Slates.*



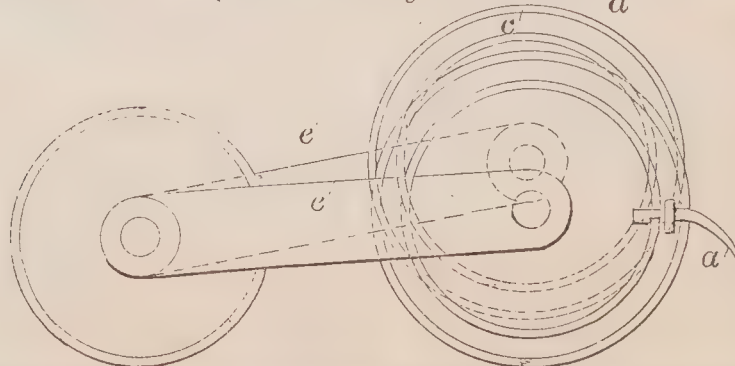
80637—T. Lalor—*Indicator Lock.*



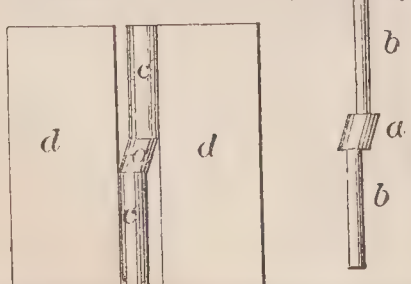
80642—W. L. Lowrey—*Manufacture of Illuminating Gas.*



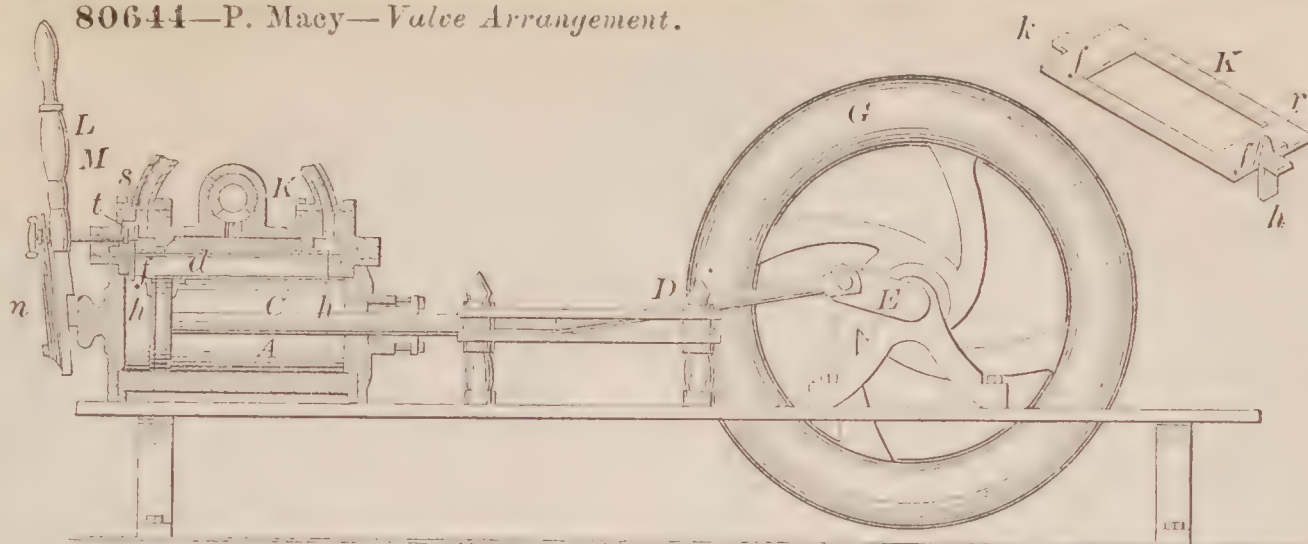
80643—G. F. Lynch—*Rotary Cultivator.* d'



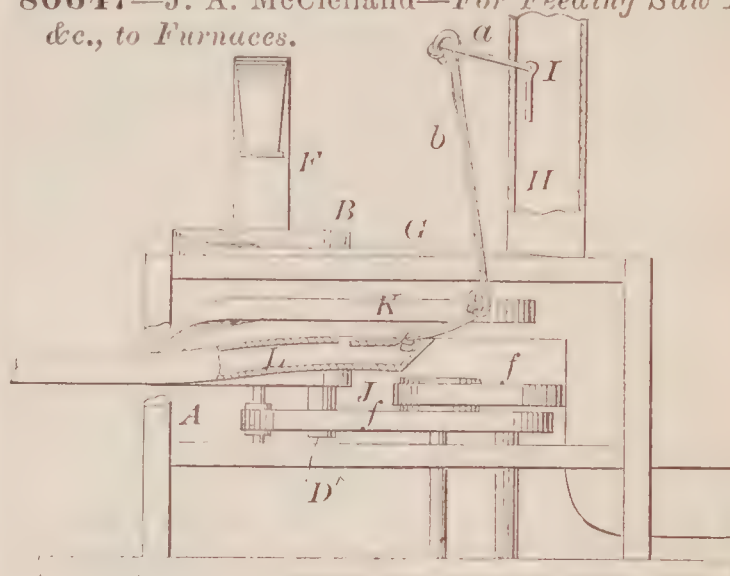
80639—E. Lindsley—*Hinge*.



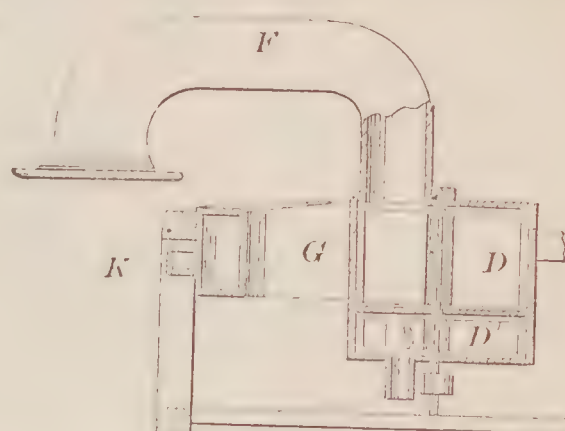
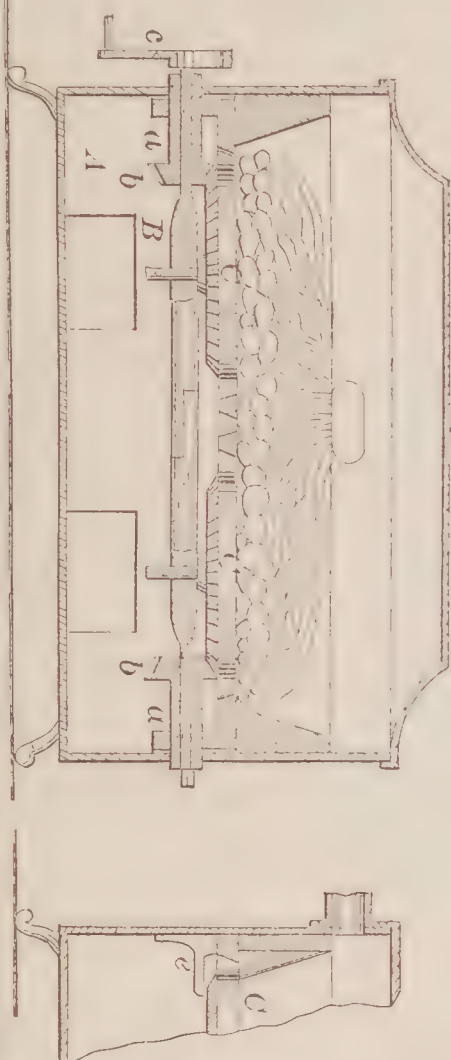
80644—P. Macy—*Valve Arrangement.*



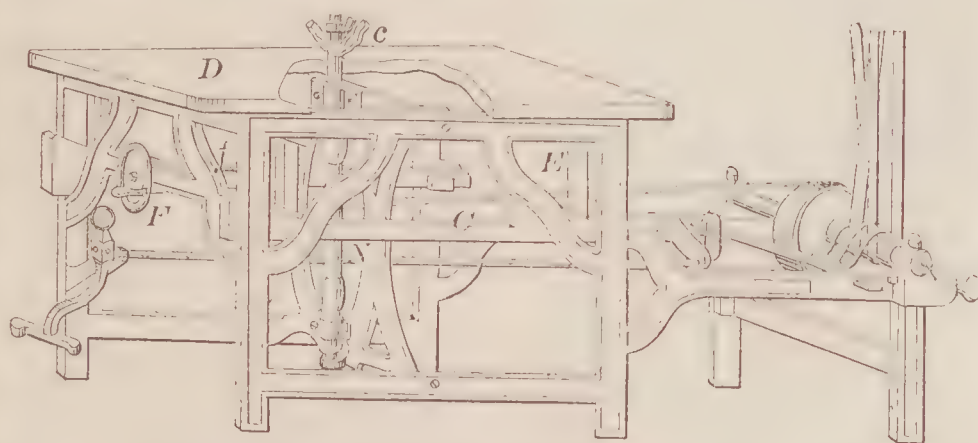
80647—J. A. McClelland—*For Feeding Saw Dust, &c., to Furnaces.*



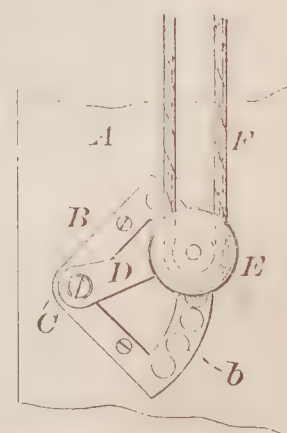
80645—A. J. Magoon—*Store fixture.*



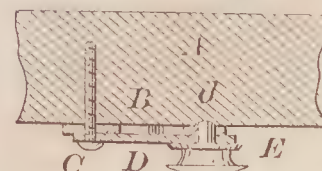
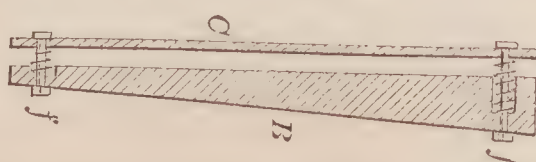
80648—C. H. Mellor—*Moulding Machine.*



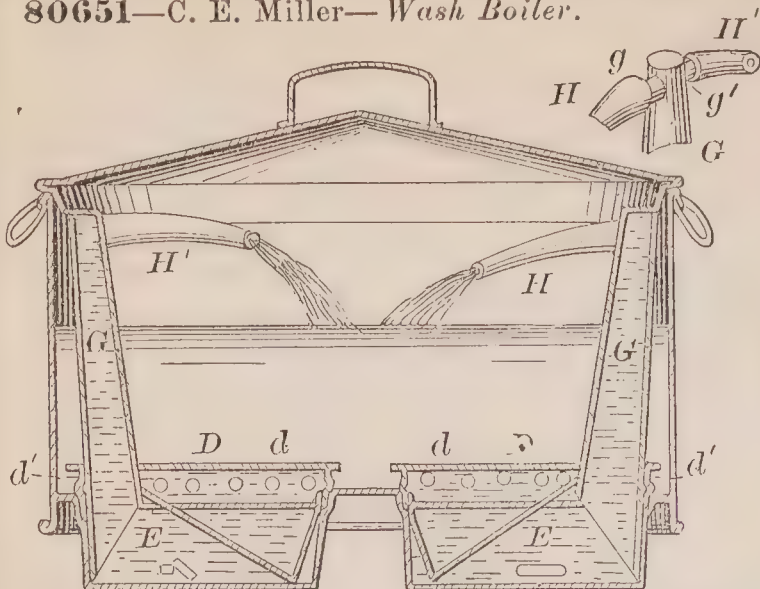
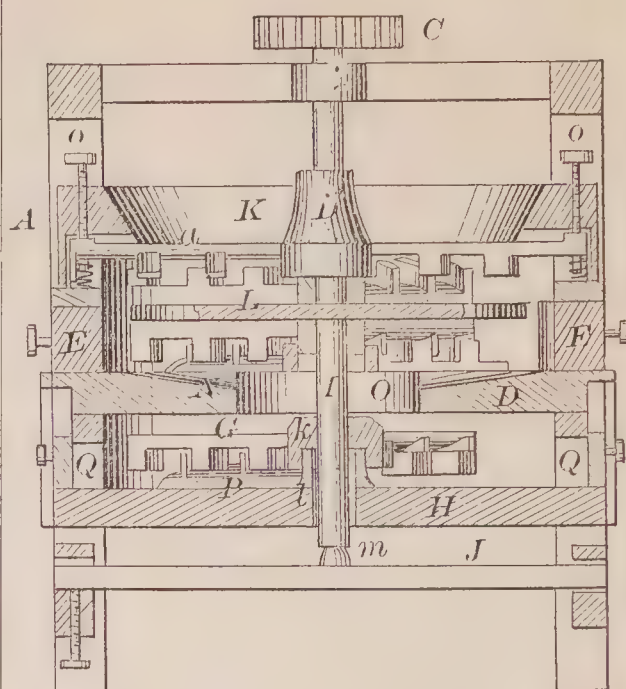
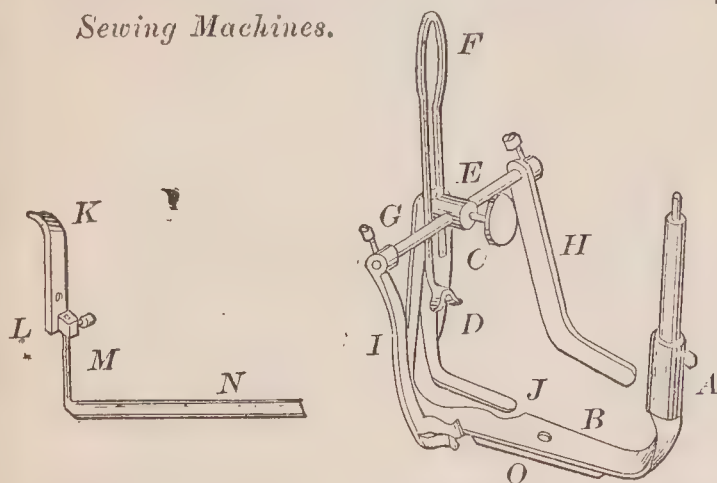
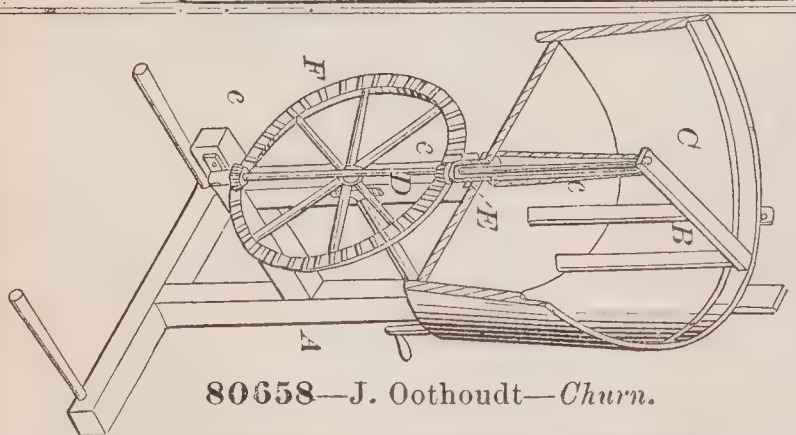
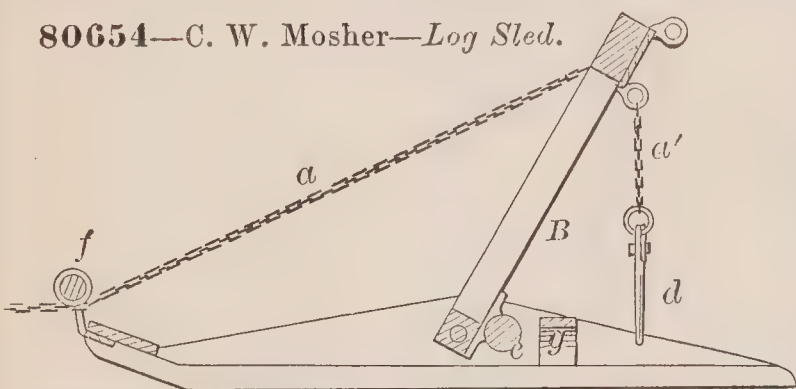
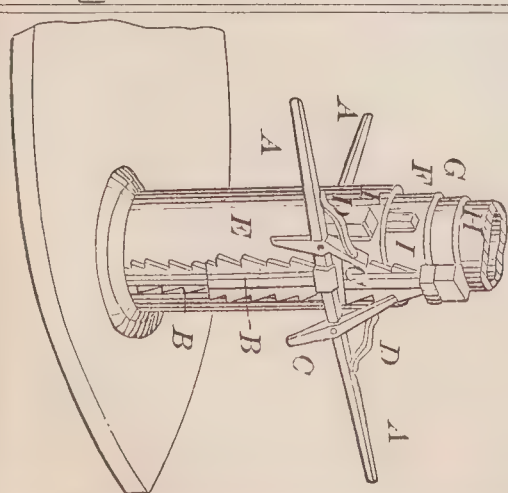
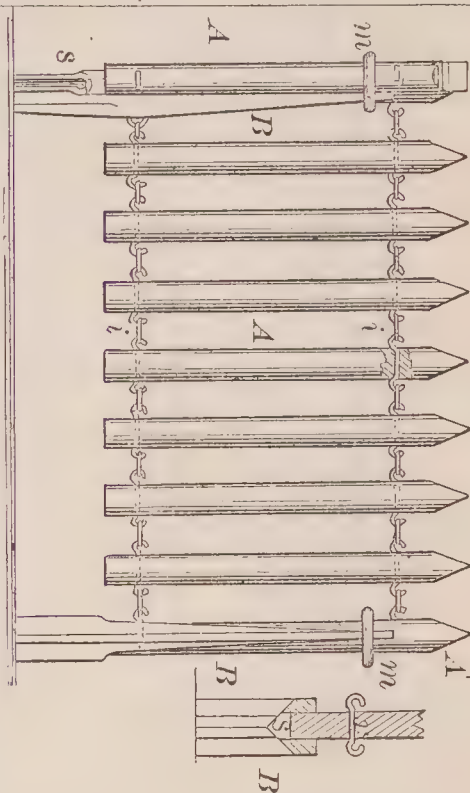
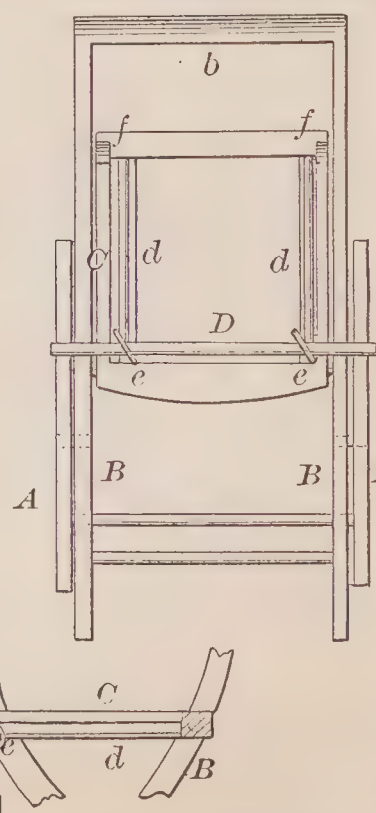
80650—L. E. Michell—*Curtain Fixture.*



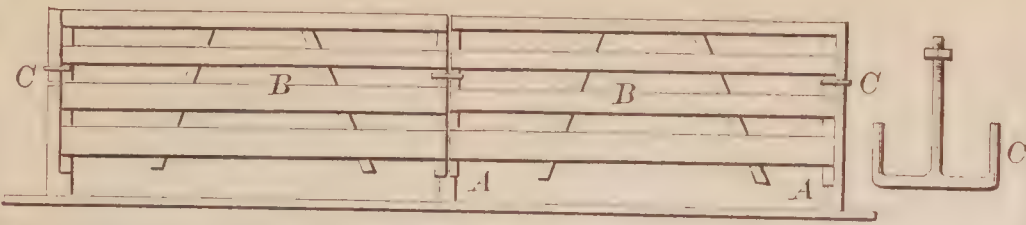
80649—B. F. Merrill—*Gauge.*



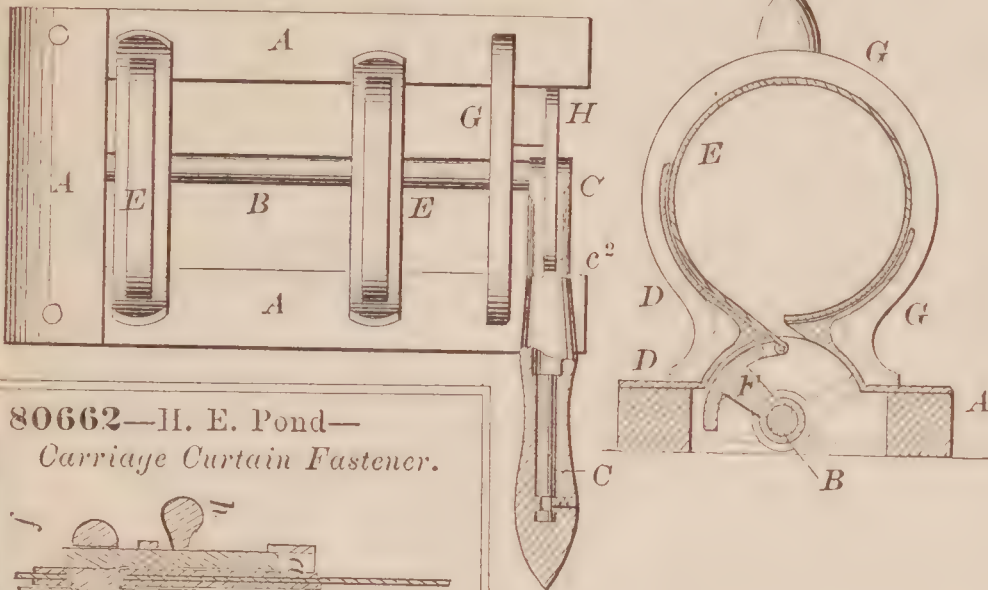


80651—C. E. Miller—*Wash Boiler.*80652—L. Moore—*Clay Mill.*80653—Morehouse & Heath—*Tuck Creaser for Sewing Machines.*80654—C. W. Mosher—*Log Sled.*80658—J. Oothoudt—*Churn.*80659—W. H. Parker—*Smoke Stack.*80657—J. W. Norman—*Portable Fence.*80656—J. Nicolai—*Folding Chair.*

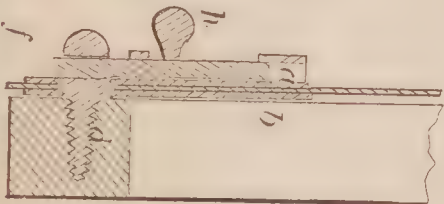
80661—S. B. Pierce—*Fence.*



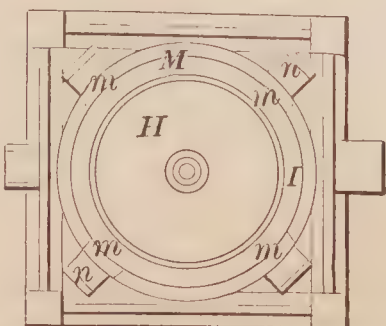
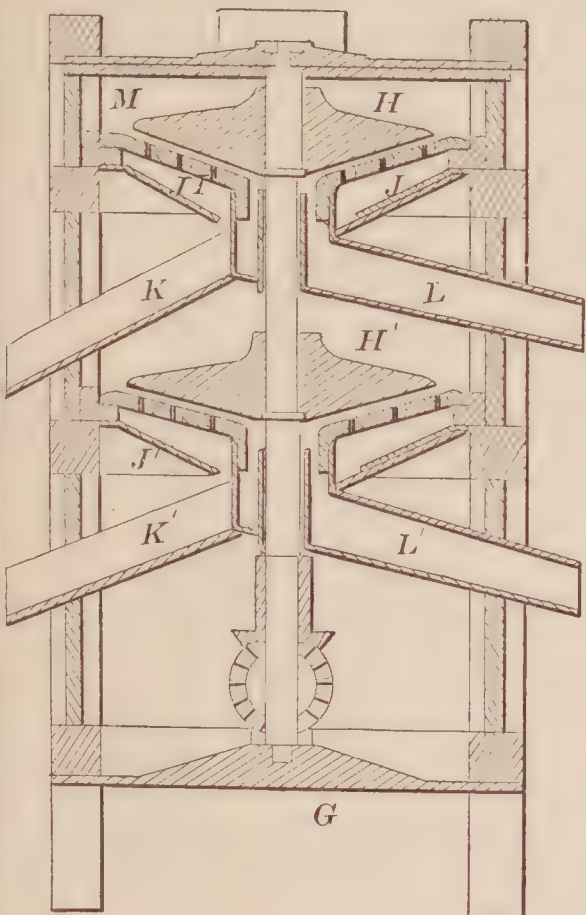
80665—E. J. Reddy—*Bundling Machine.*



80662—H. E. Pond—*Carriage Curtain Fastener.*



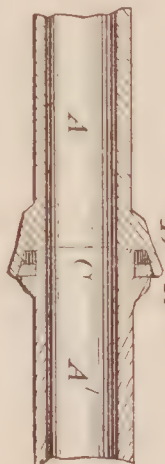
80666—O. N. Rich—*Grain Separator.*



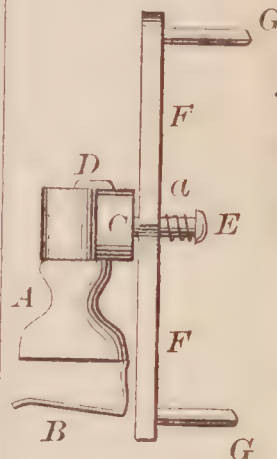
80663—L. W. Pond—*For Sheering Booms.*



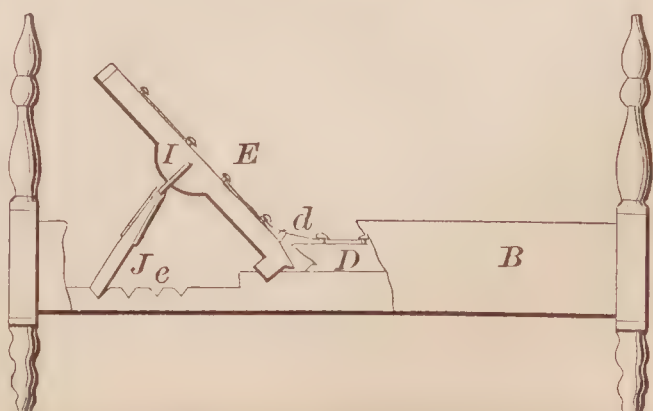
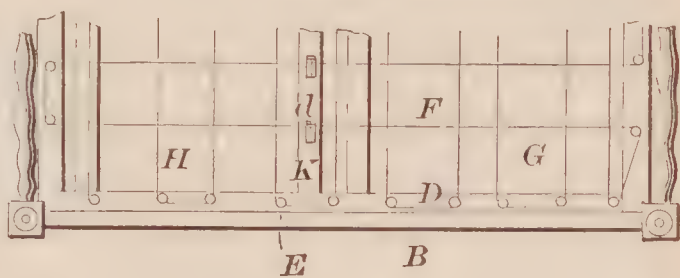
80667—W. D. Richardson—*Lead Pipe Connection.*



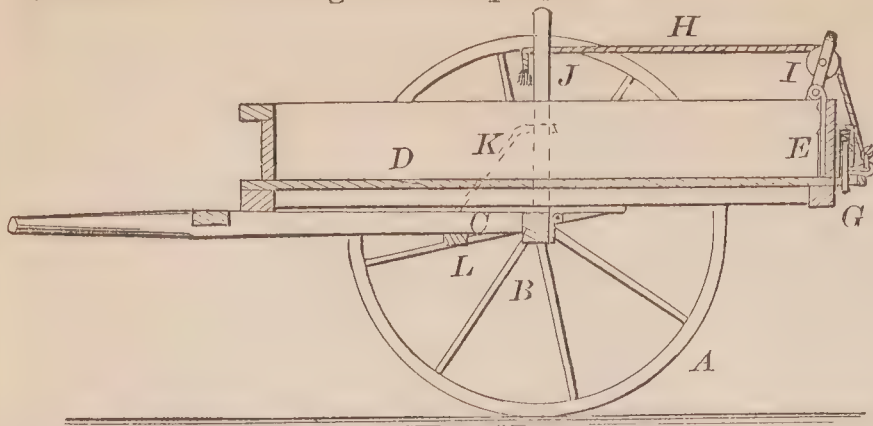
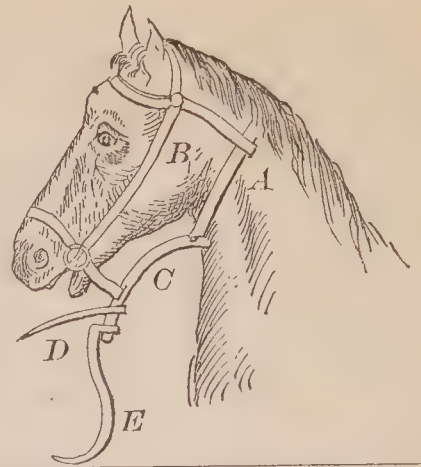
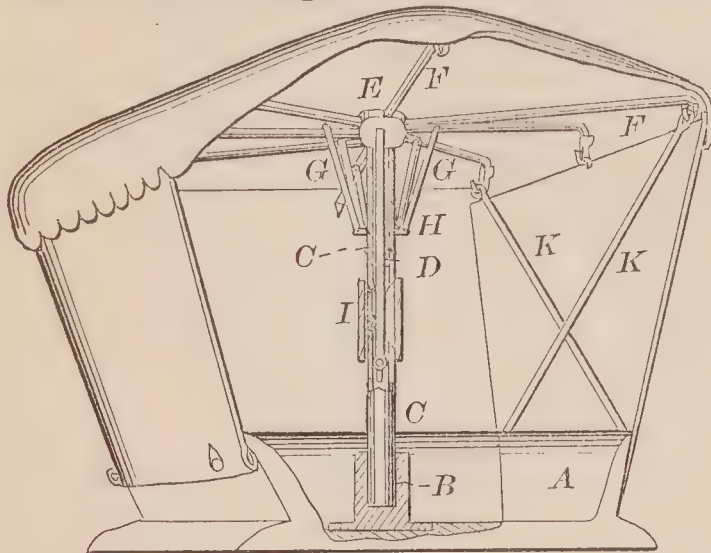
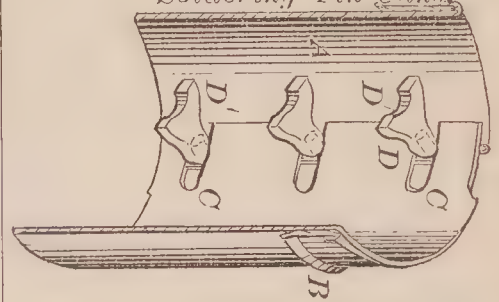
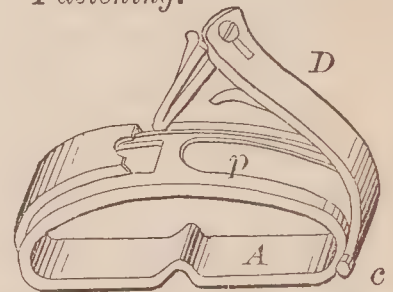
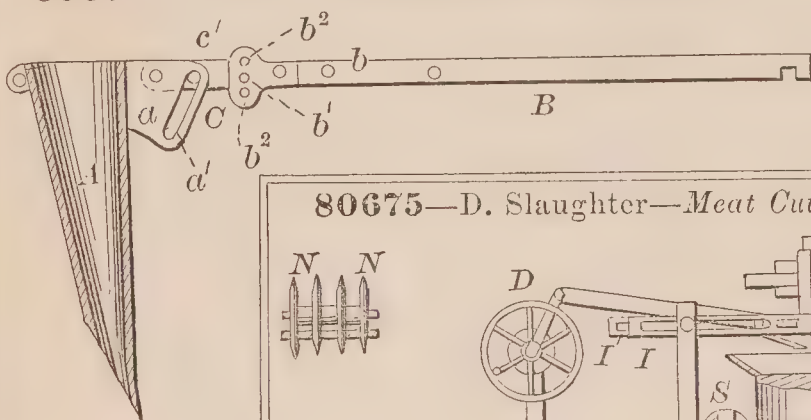
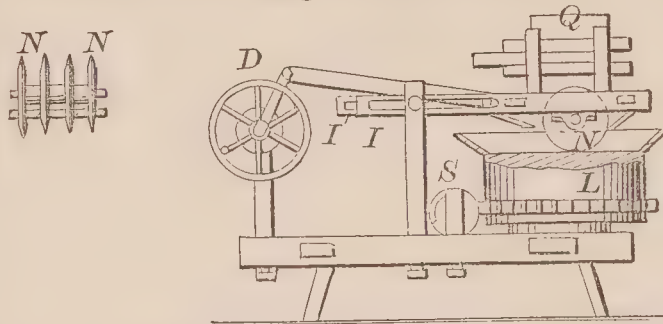
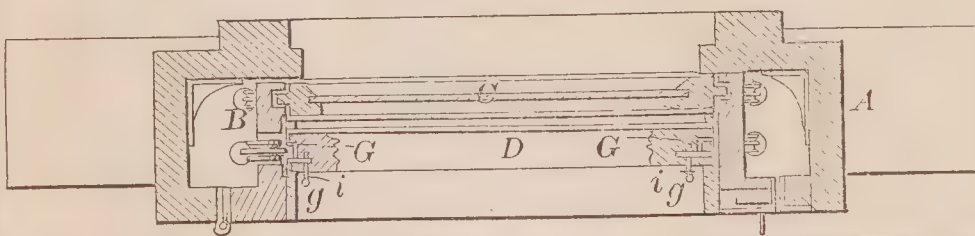
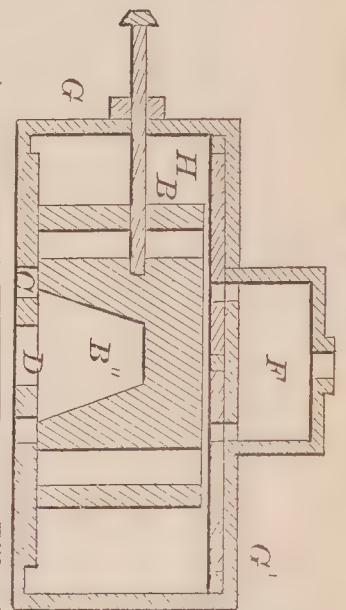
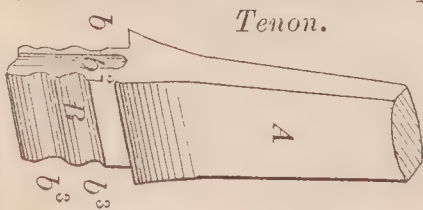
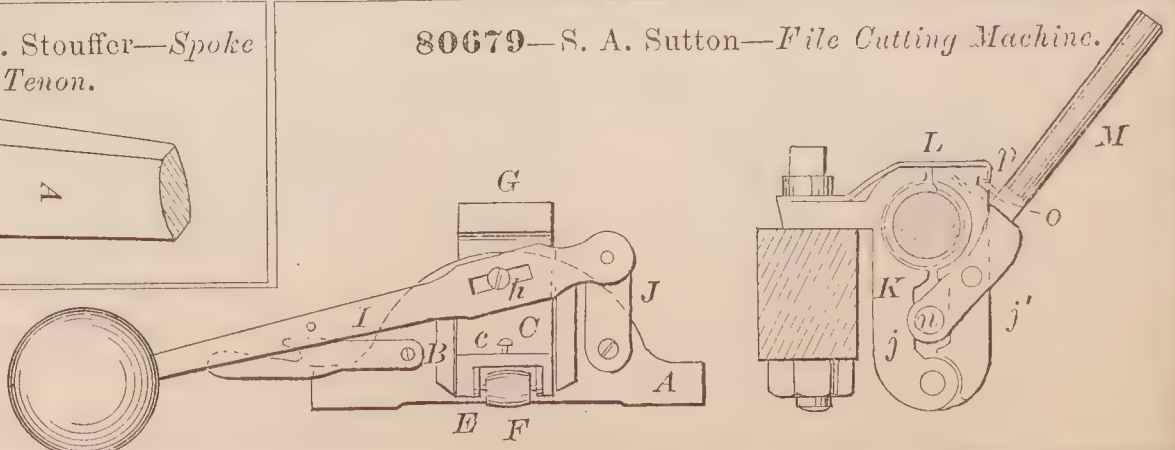
80664—Porter & Roberts—*Swift or Reel.*



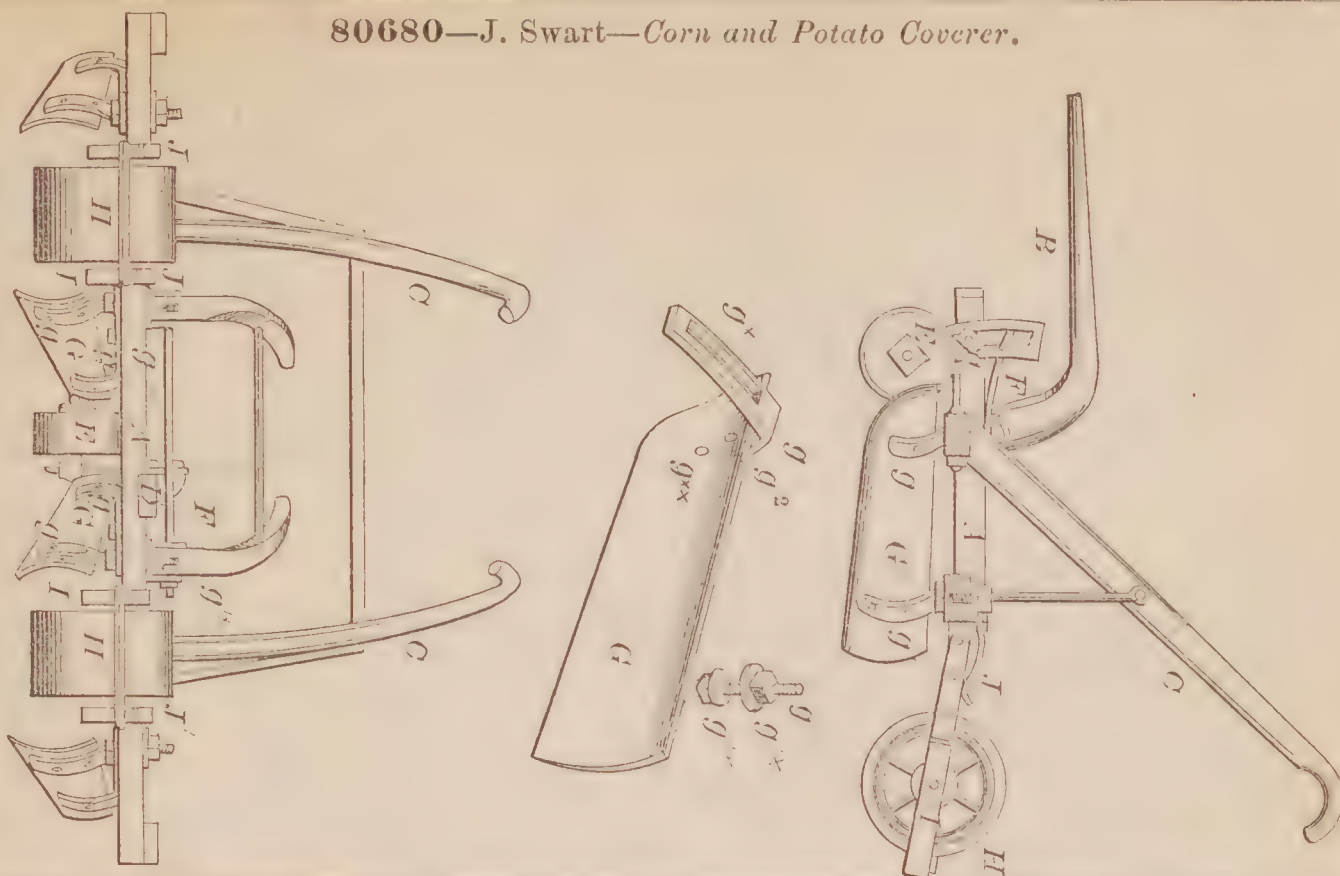
80668—L. W. Roath—*Bedstead.*



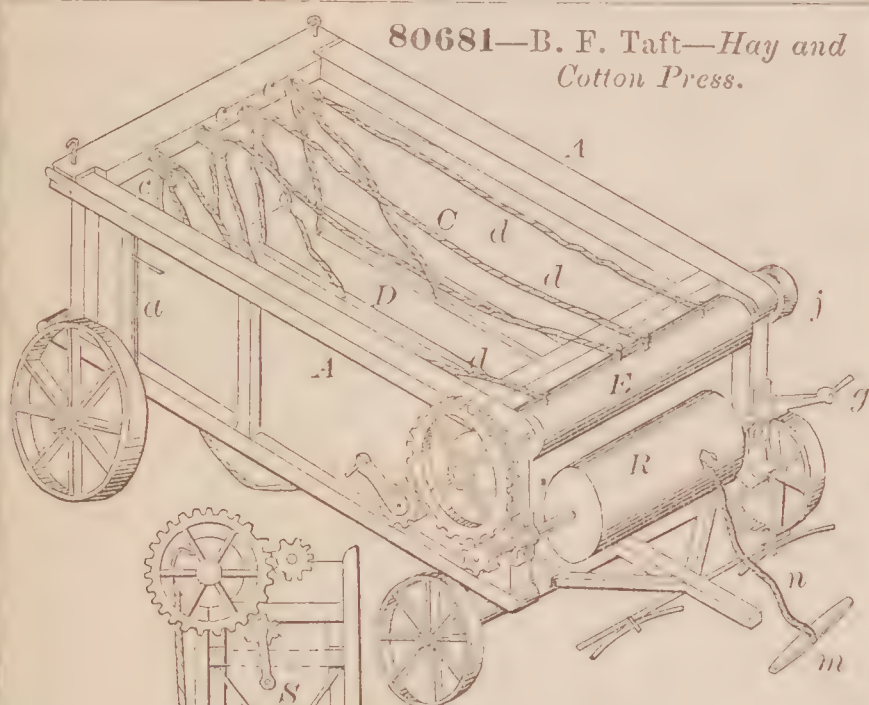


80669—W. W. Rogers—*Dumping Cart.*80674—F. M. Shields—*Yoke.*80670—J. F. Sargent—*Carriage Top.*80673—W. Serviss—*For Soldering Tin Cans.*80676—G. H. Soule—*Bracelet Fastening.*80671—P. & P. J. Schmitt—*Grain Drill Shoe.*80675—D. Slaughter—*Meat Cutter.*80672—J. Schnell—*Sash and Window Frame.*80677—J. D. Stewart—*Slide Valve.*80678—G. W. Stouffer—*Spoke Tenon.*80679—S. A. Sutton—*File Cutting Machine.*

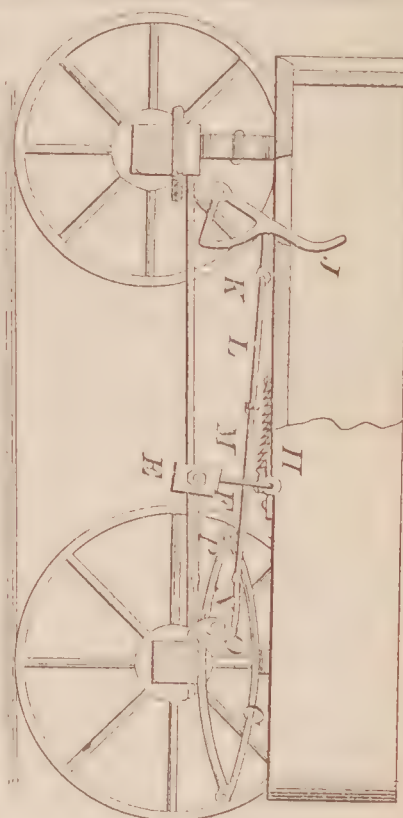
80680—J. Swart—Corn and Potato Coverer.



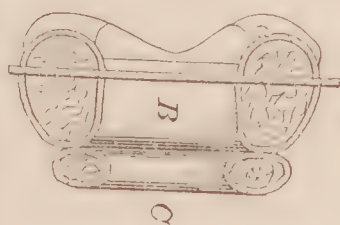
80681—B. F. Taft—Hay and Cotton Press.



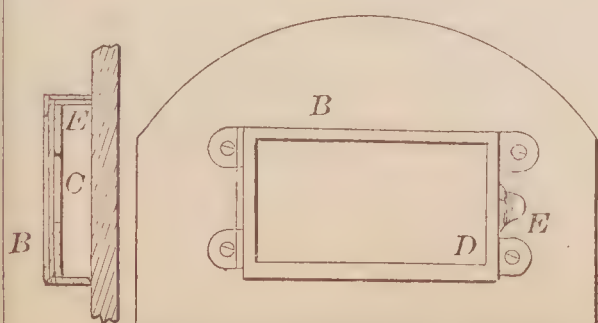
80681—W. H. Tucker—Wagon Brake.



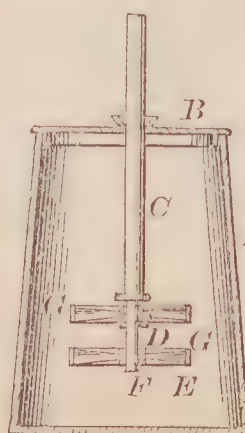
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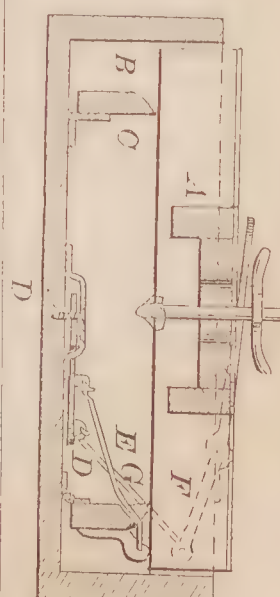
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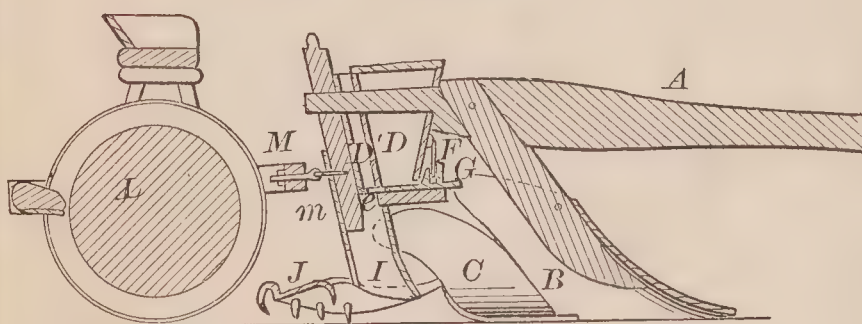
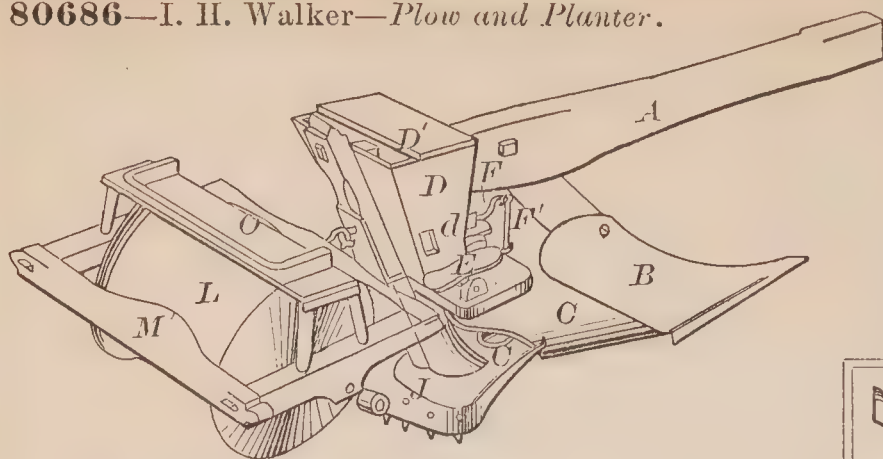
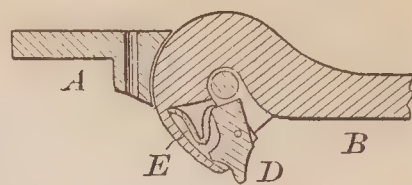
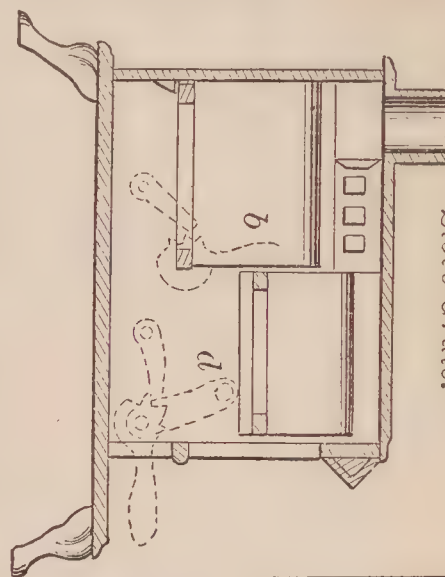
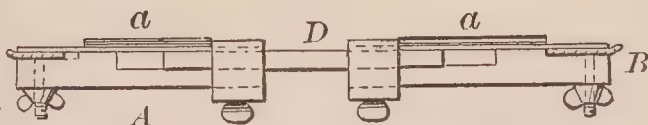
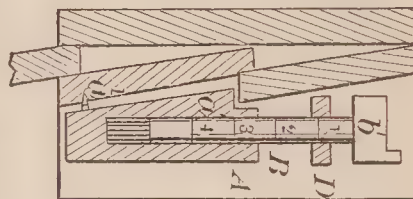
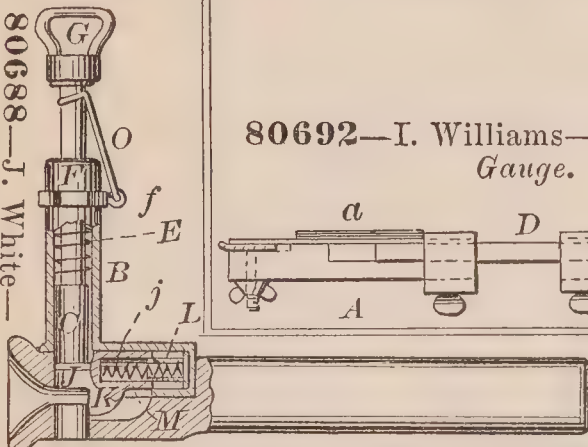
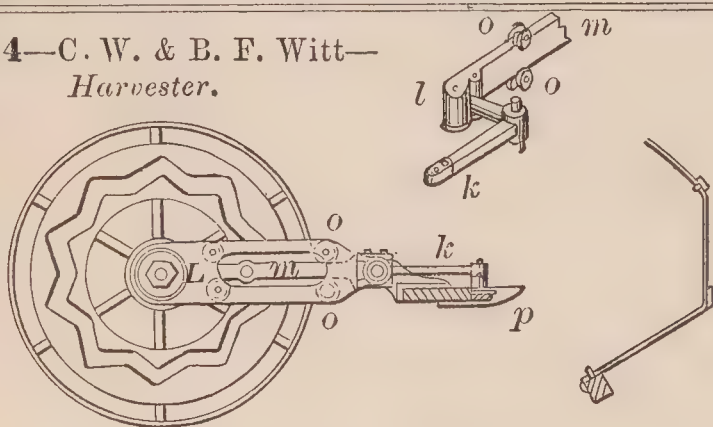
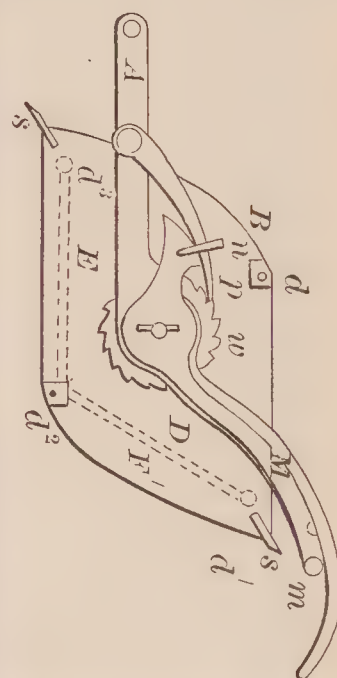
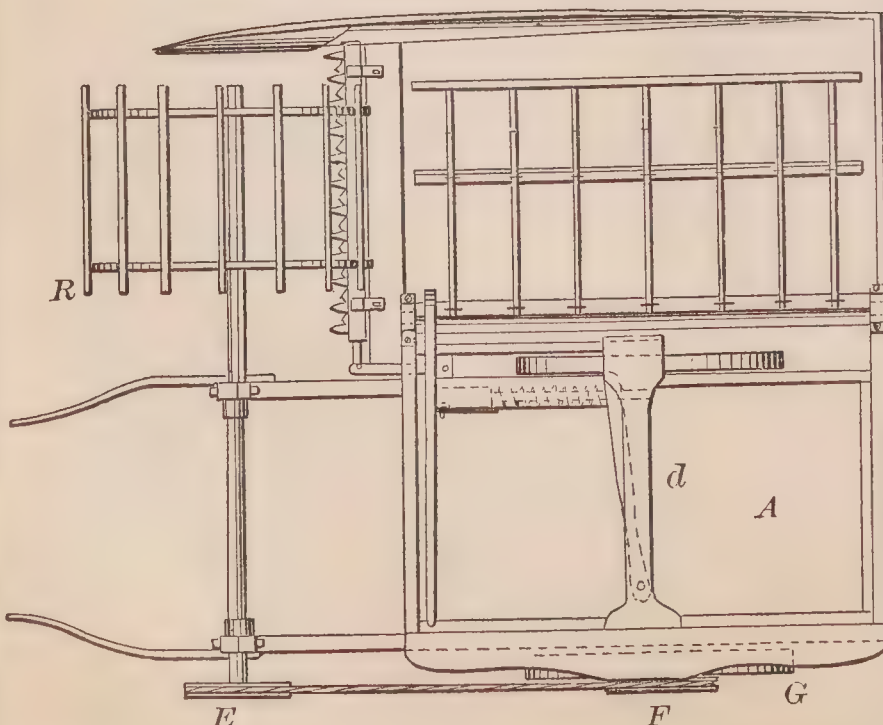
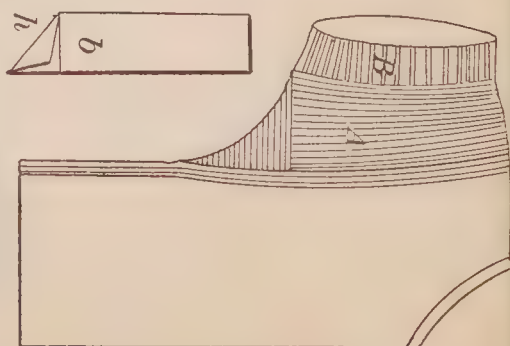
80685—T. W. Tyler—Chain Dasher.



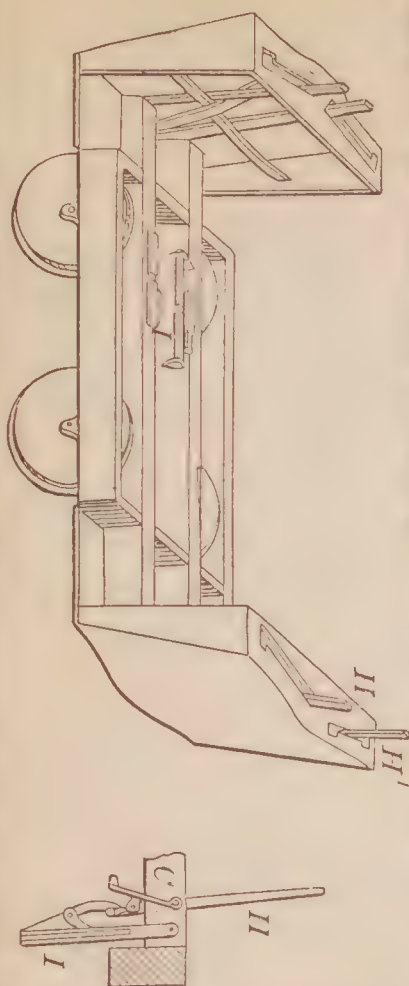
80687—J. Wampach—Fire Cooler.



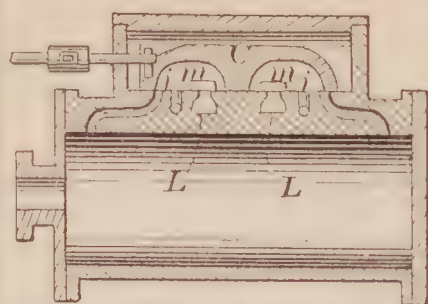


80686—I. H. Walker—*Plow and Planter.*80690—H. Will—*Thill Coupling.*80689—Whiting & Hamilton—*Store Gate.*80692—I. Williams—*Weatherboard Gauge.*80691—I. Williams—*Weatherboard Gauge.*80688—J. White—*Car Coupling.*80694—C. W. & B. F. Witt—*Harvester.*80696—C. F. Woodruff—*Excavator.*80697—W. H. Abel—*Sleeve of Knitted Garments.*

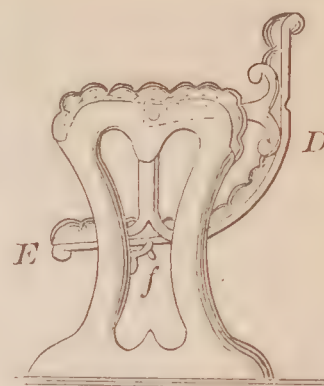
80695—J. S. Wood—Car Brake and Starter.



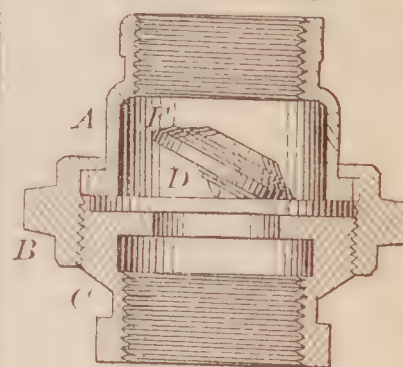
80698—Allen & Wilford—Slide Valve.



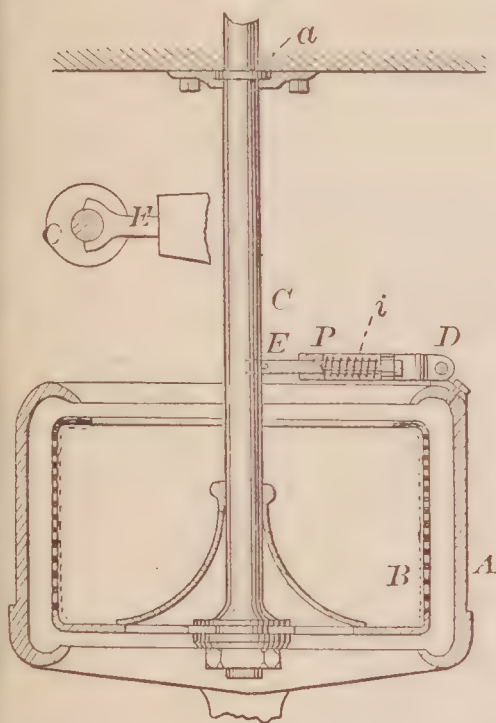
80703—S. G. Blackman—Car Seat.



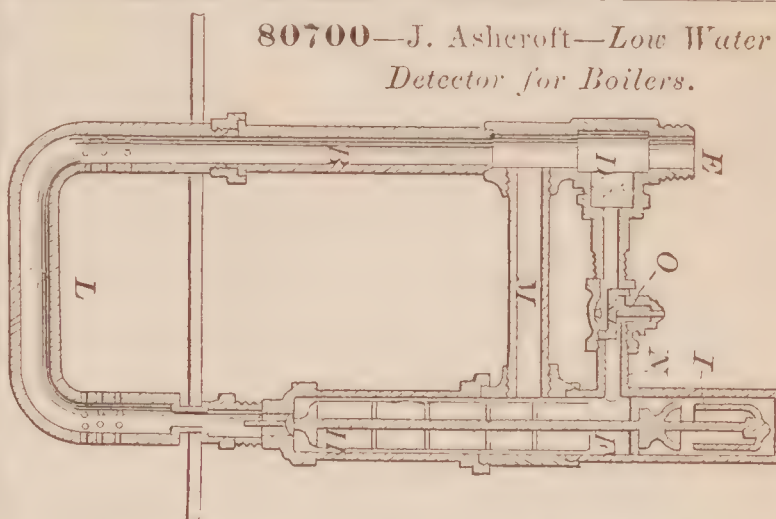
80704—S. O. Blanding—Valve Coupling.



80702—R. J. Barr—Centrifugal Machine.



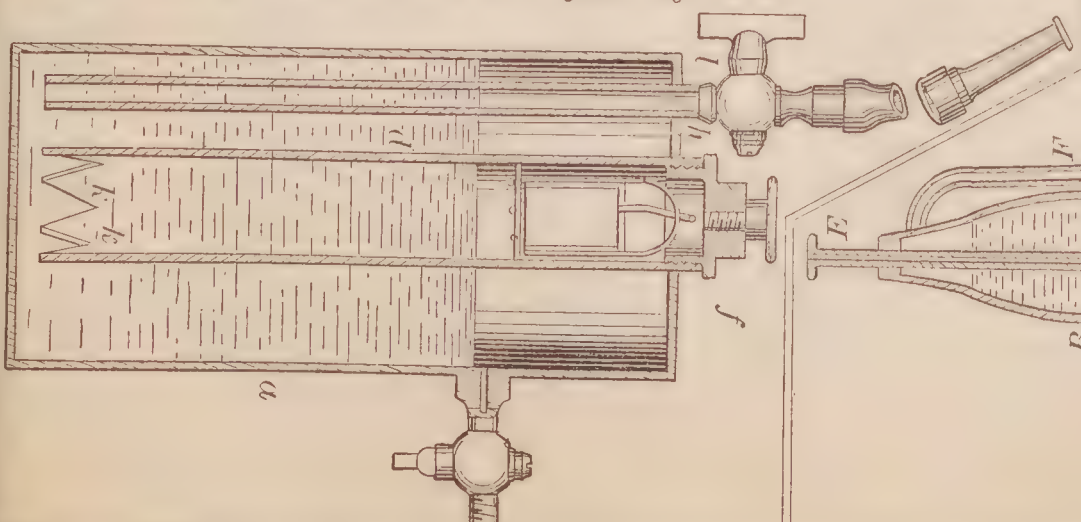
80700—J. Ashcroft—Low Water Detector for Boilers.



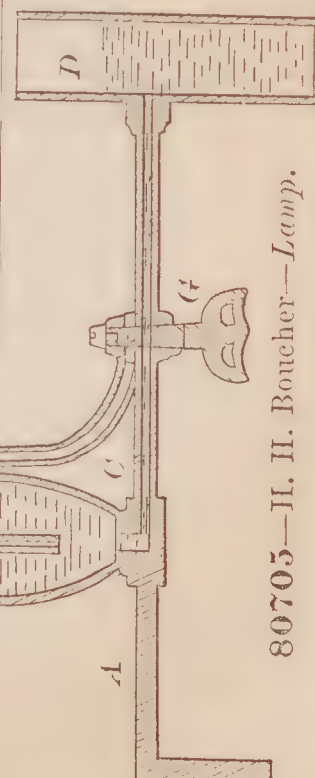
80699—H. Ansley—Button.



80701—J. F. Babcock—For Extinguishing Fires.

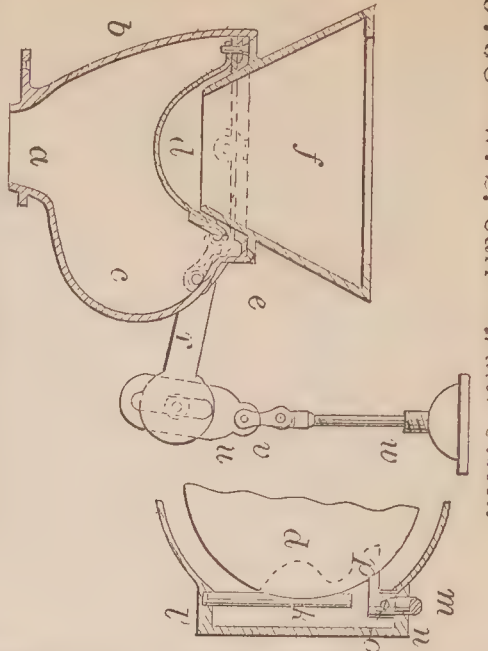


80705—H. H. Boucher—Lamp.

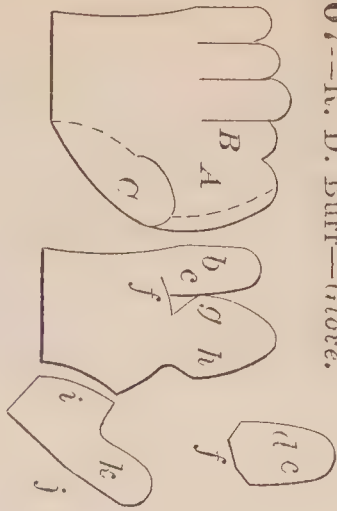




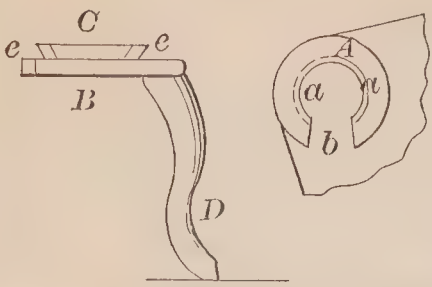
80708—W. S. Carr—Water Closet.



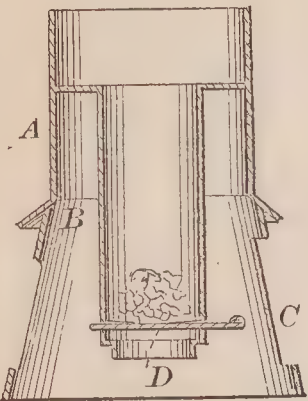
80707—R. D. Burr—Glove.



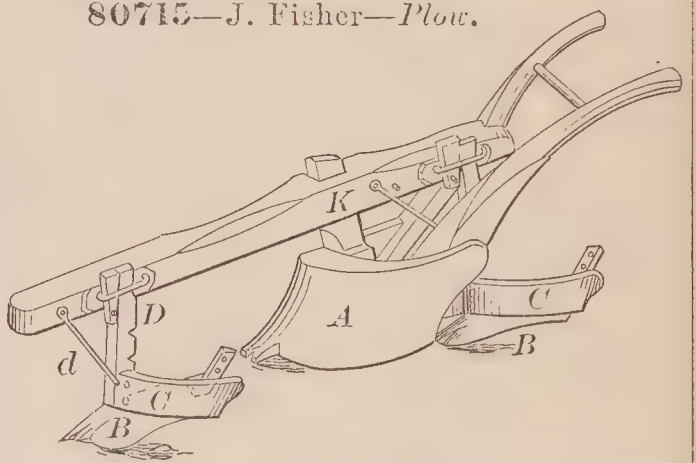
80706—G. W. Burling—Stove Leg.



80712—T. Parsons—Base Burning Stove.



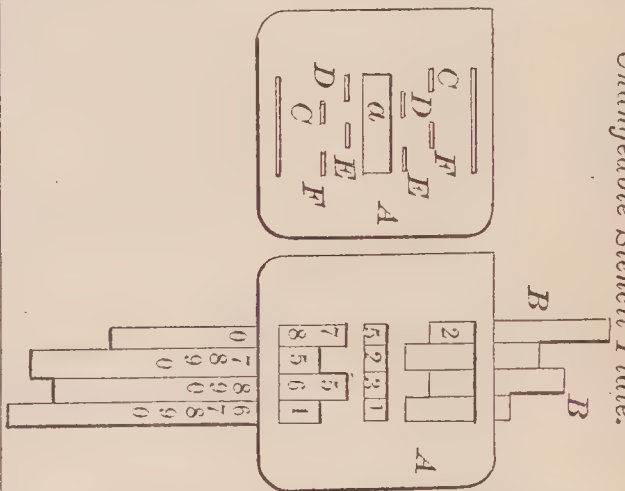
80715—J. Fisher—Plow.



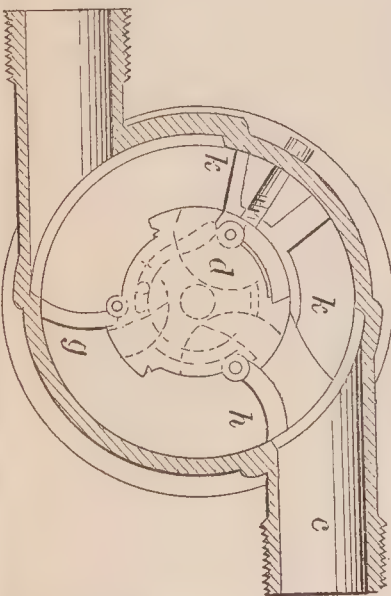
80710—G. D. Clark—Button Fastening.



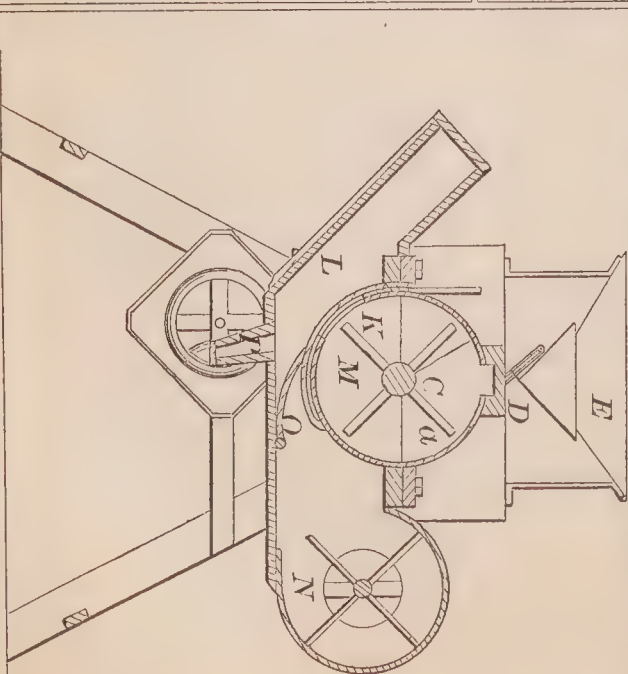
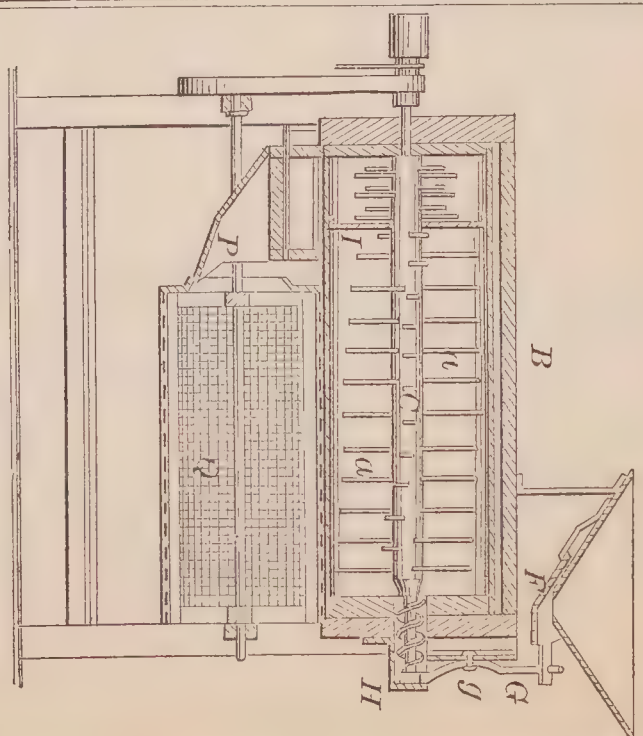
80711—J. J. De Barry—Changeable Stencil Plate.



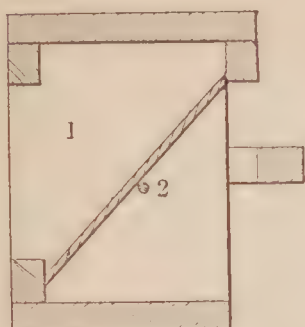
80714—A. B. Edmonds—Water Meter.



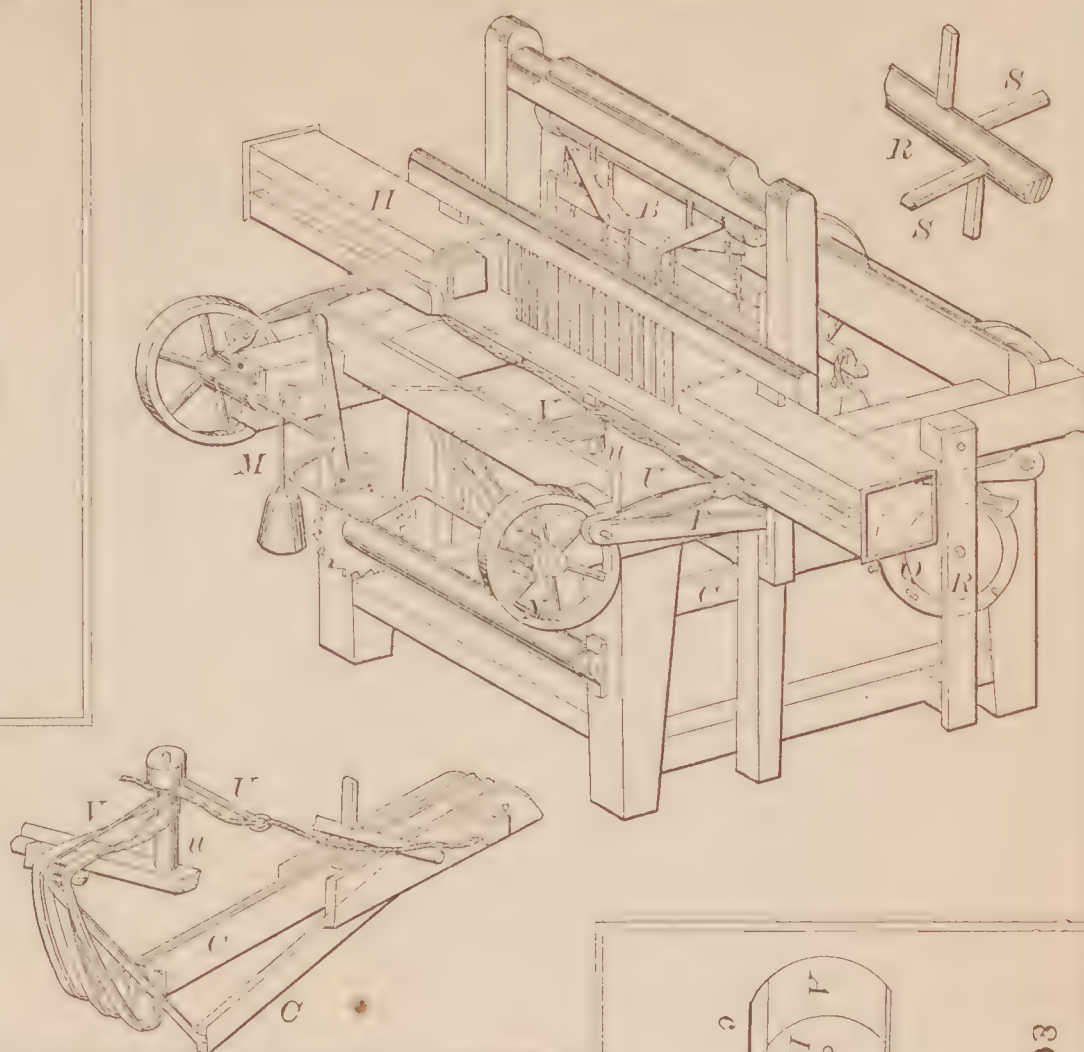
80713—E. A. Duer—Honing and Pearling Mill.



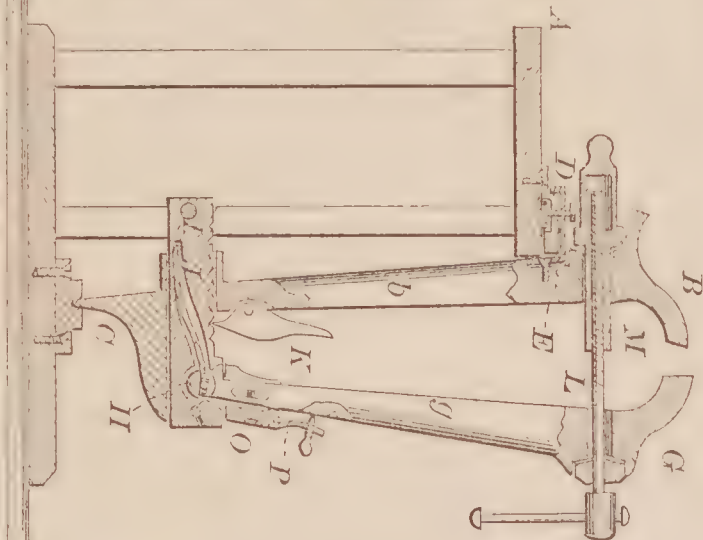
80716—S. P. Forgy—  
*Beehive.*



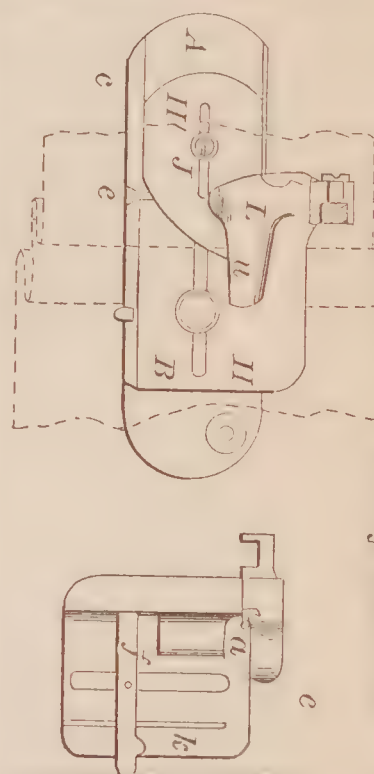
80717—W. S. Freeman—*Hand Loom.*



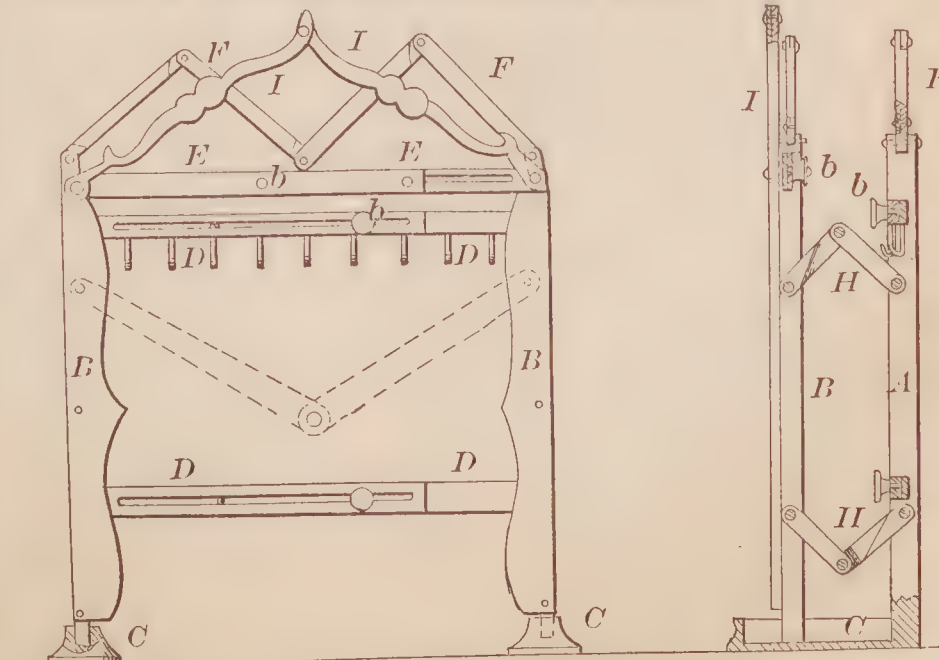
80722—O. H. Gardner—*Vise*.



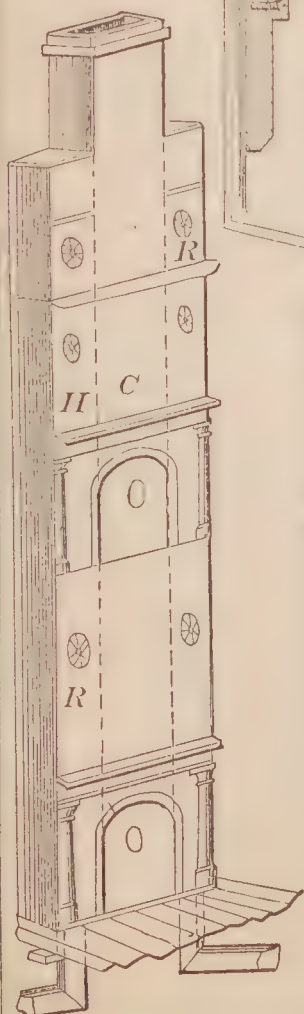
80721—C. H. Gardner—*Yuck Folder for Sewing Machines.*



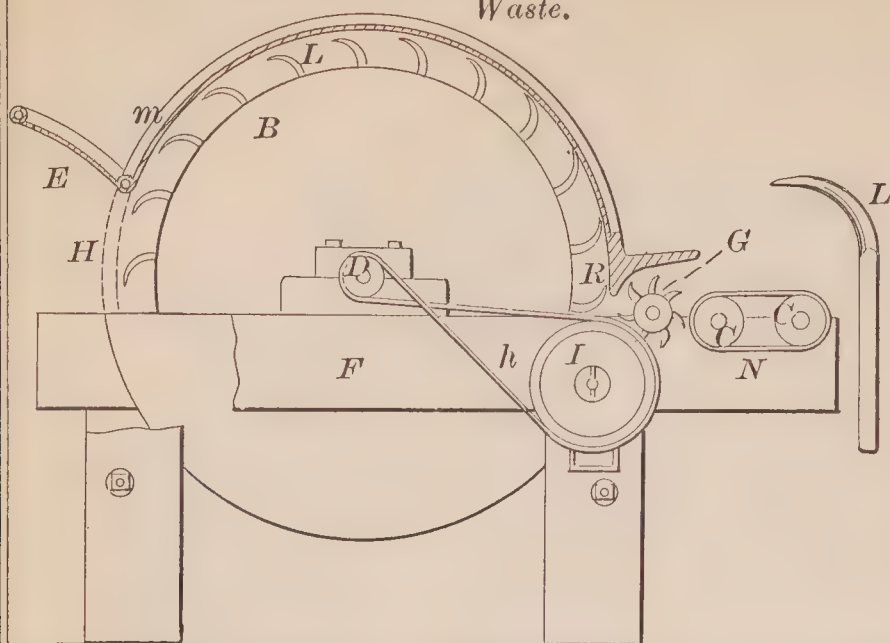
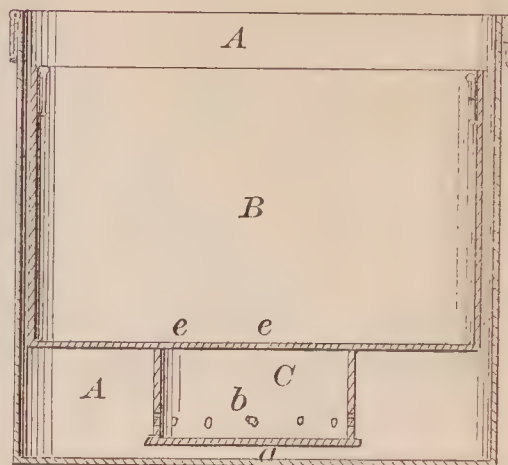
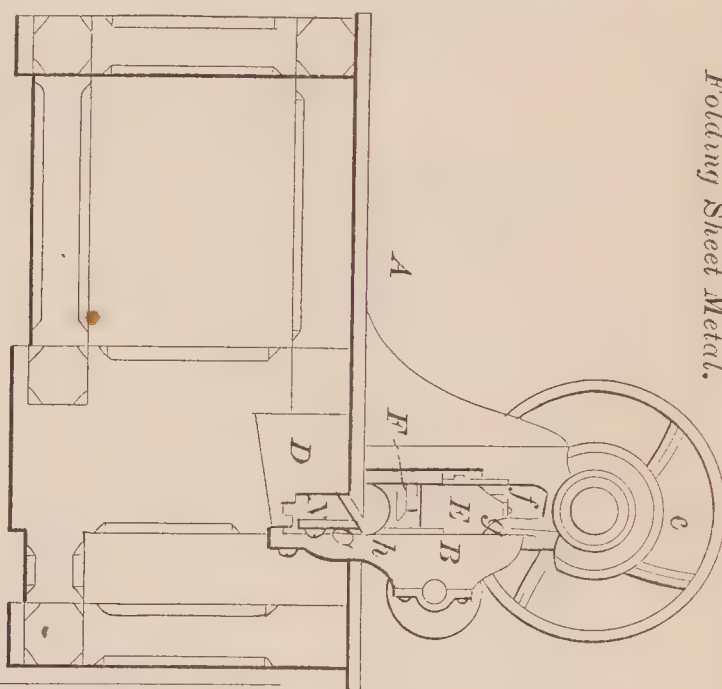
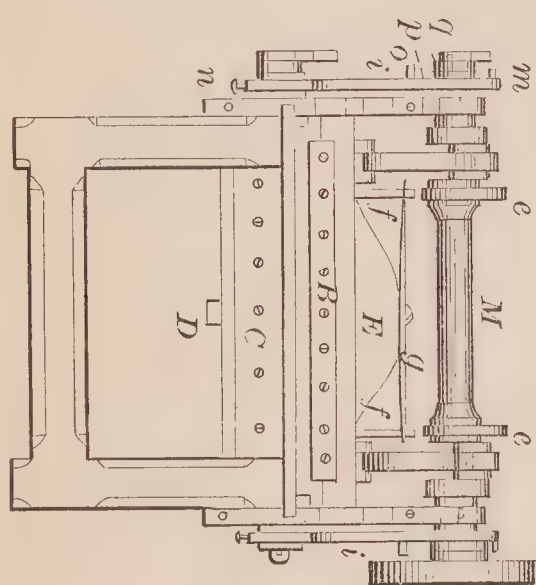
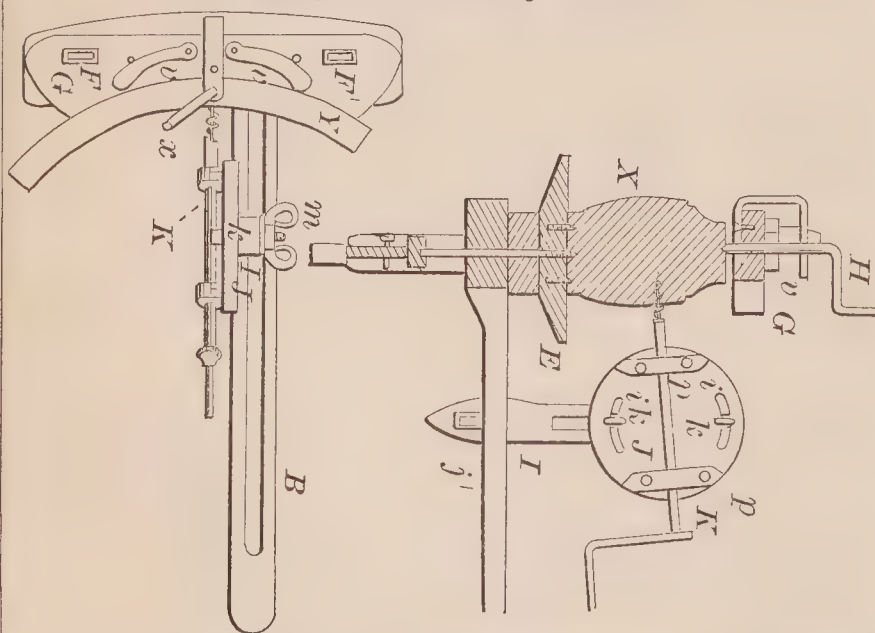
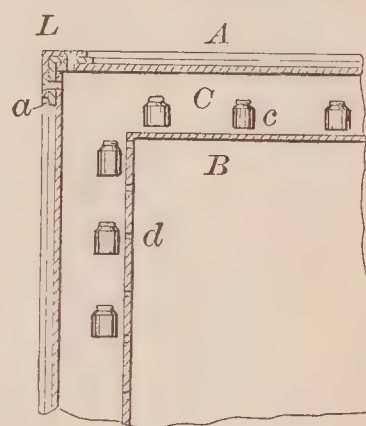
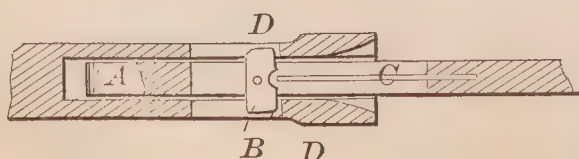
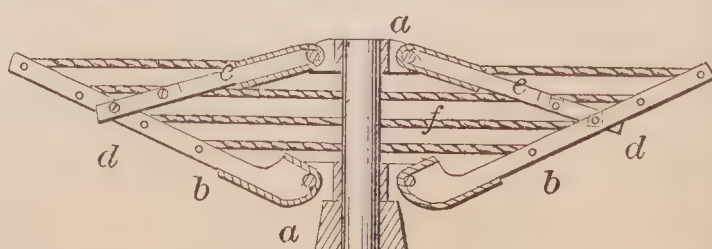
80723—E. Gill—*Extension Wardrobe Frame.*



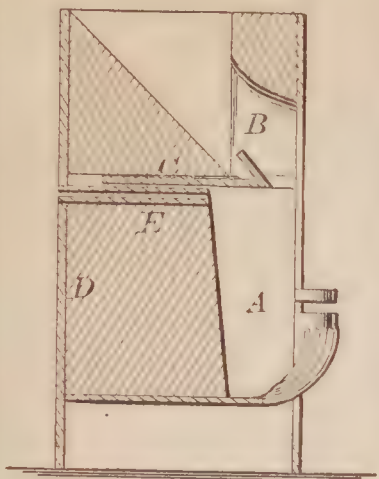
80719—J. H. Fyfe—Tentillator.



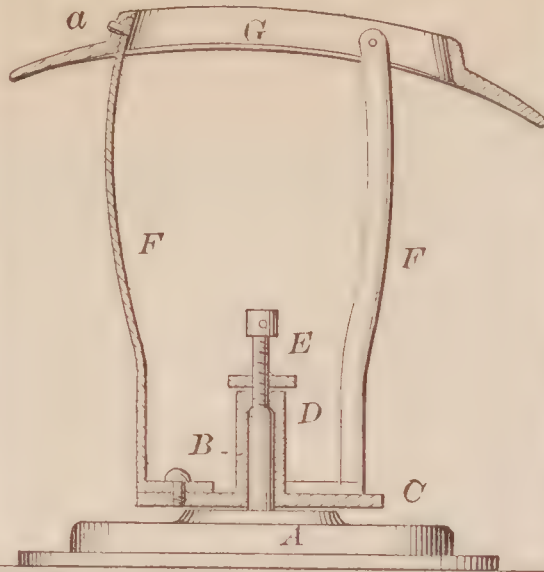


80724—D. Goff—*For Picking and Separating Cotton Waste.*80727—A. W. Hall—*Wash Boiler.*80725—A. G. Gray—*For Cutting and Folding Sheet Metal.*80726—H. Haag—*For Making Wheels.*80728—J. L. Hall—*Fireproof Safe.*80730—C. R. Hardy—*Car Coupling.*80729—G. H. Hammond—*Clothes Dryer.*

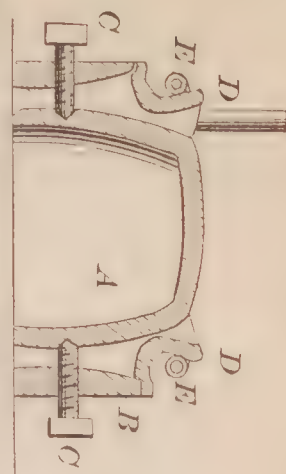
80731—D. Hattan—*Fireplace.*



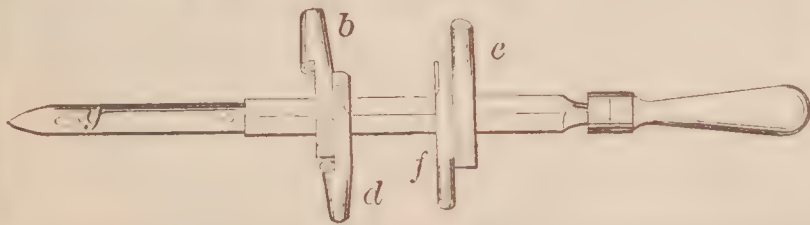
80732—C. M. Hawes—*For Trimming Hat Brims.*



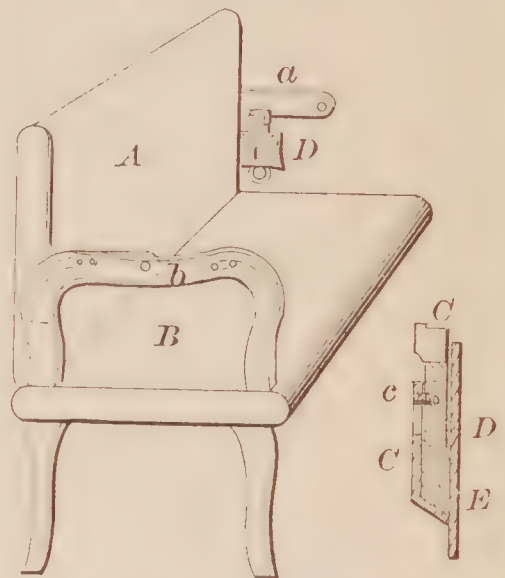
80733—G. H. Hawkins—*For Blocking and Stretching Hats.*



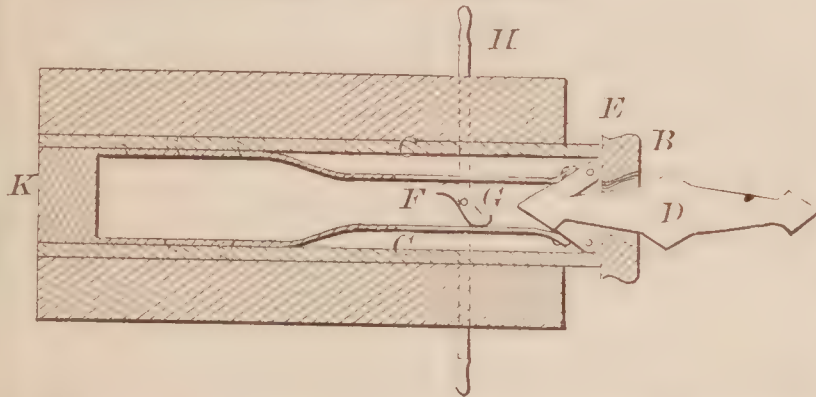
80734—E. Hester—*Belt Punch.*



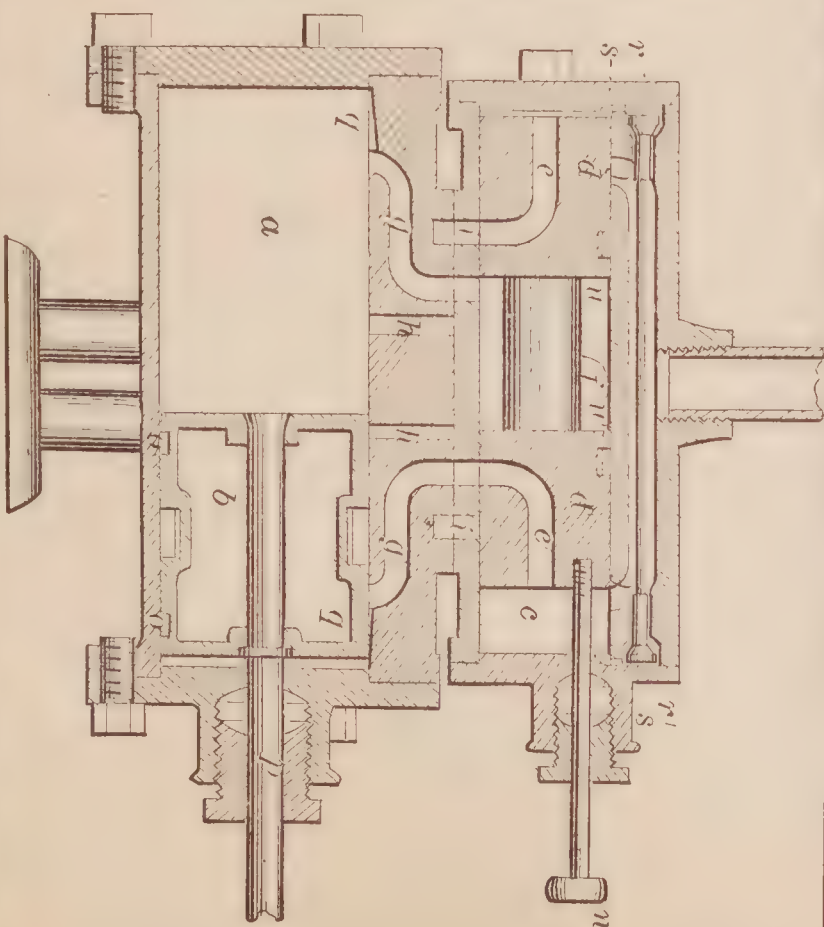
80736—G. Higginson—*Support for Car Seat Backs.*



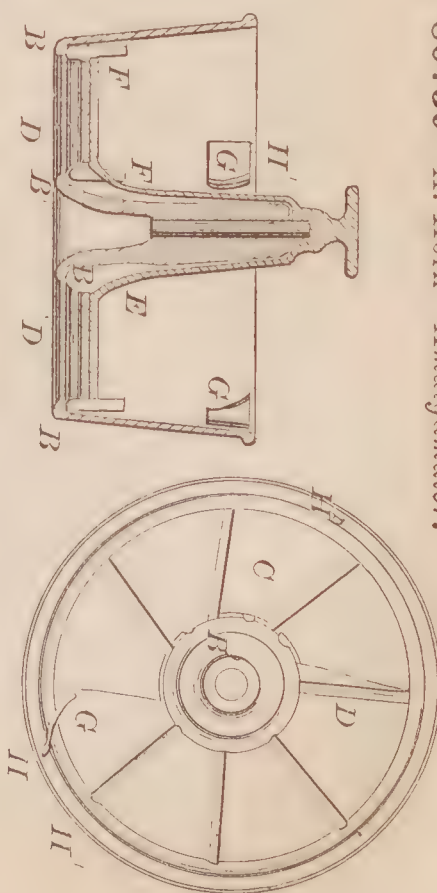
80735—O. Hewes—*Car Coupling.*



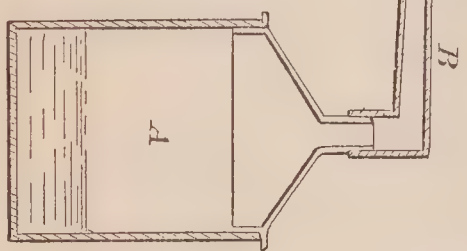
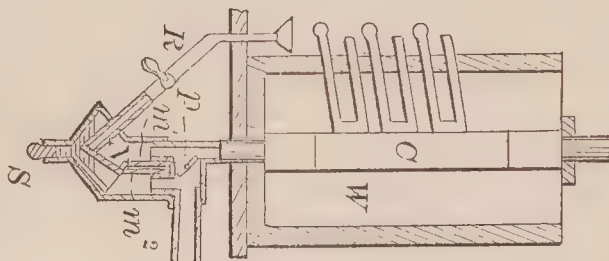
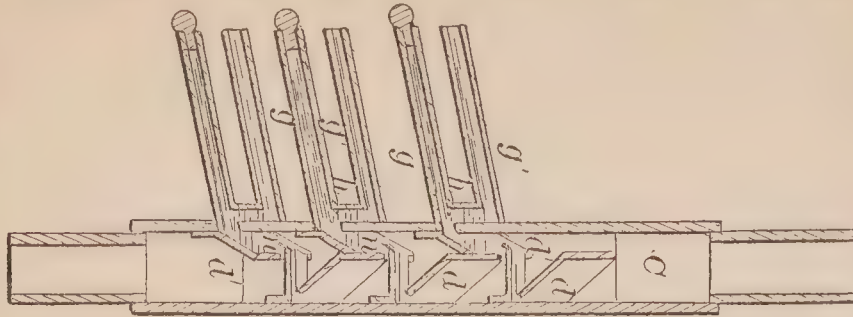
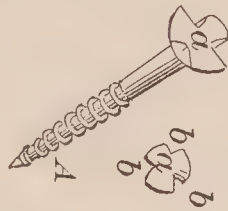
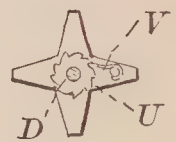
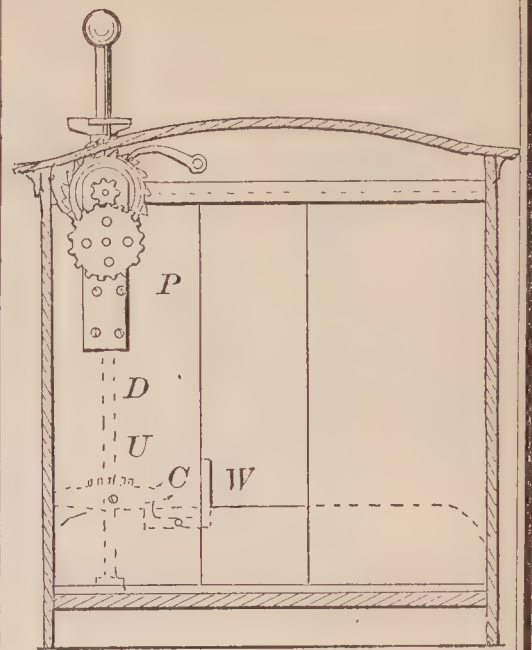
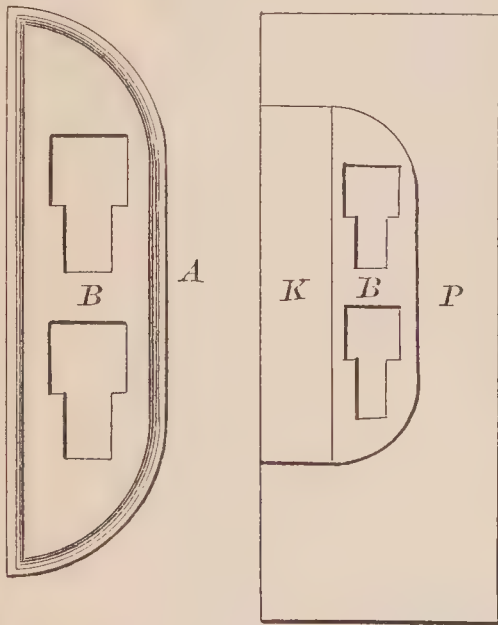
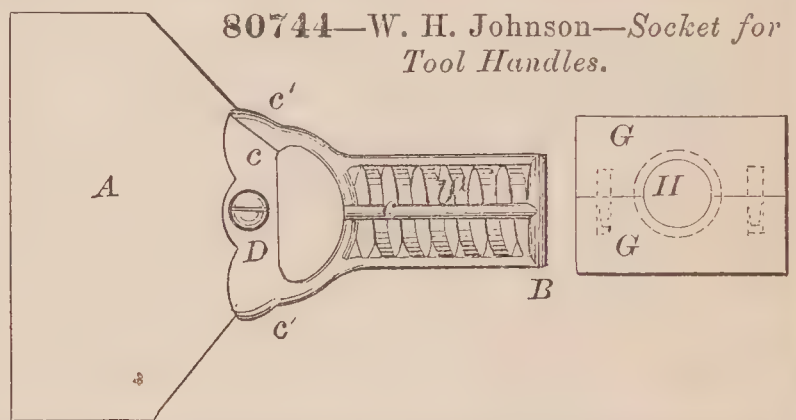
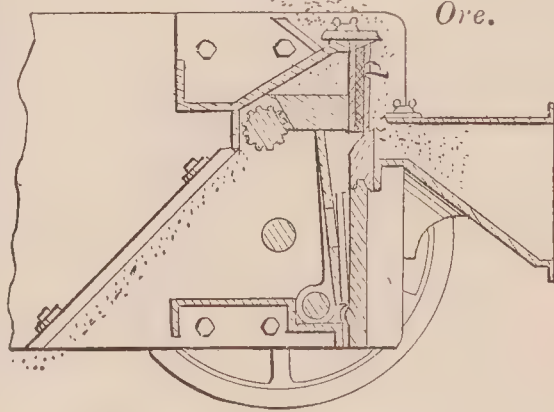
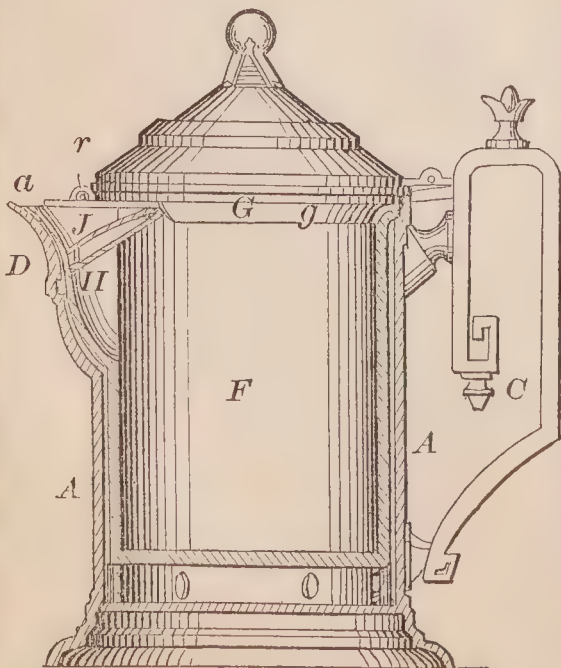
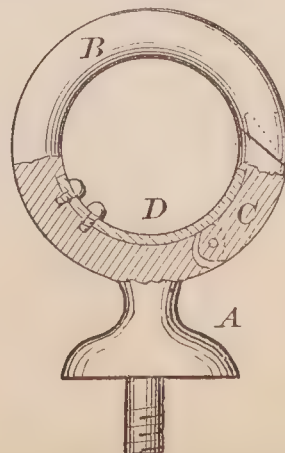
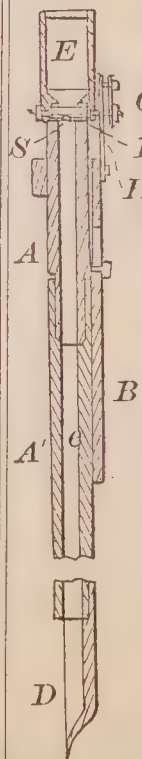
80738—W. D. Hooker—*Steam Engine Valve.*



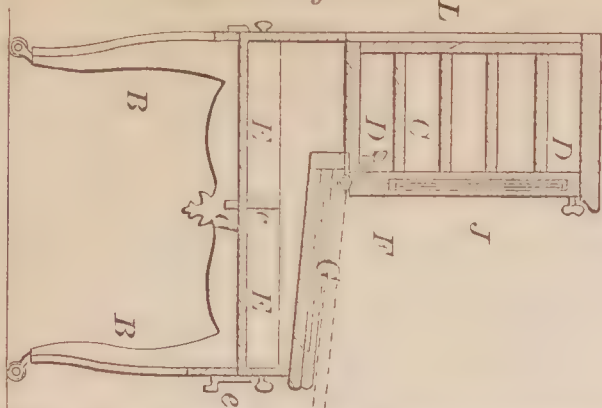
80739—A. Horn—*Amalgamator.*



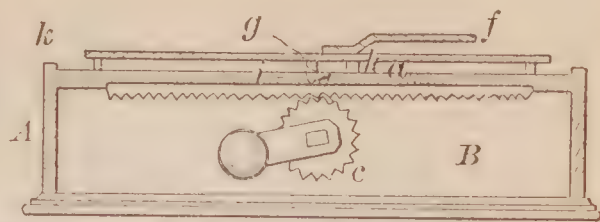


80740—C. S. Hutchinson—*For Distilling Spirits.*80742—P. N. Jacobs—*Screw.*80741—T. Jacobs—*Passenger Register.*80743—J. Janeway—*Bedstead Fastener.*80744—W. H. Johnson—*Socket for Tool Handles.*80747—S. R. Krom—*For Concentrating Ore.*80748—T. Leach—*Ice Pitcher.*80745—Jones & Harris—*Terret.*80746—J. F. Klinglesmith—*Hand Corn Planter.*

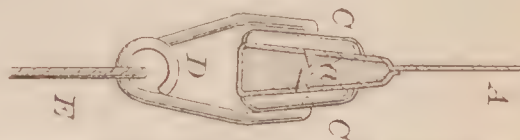
80749—W. W. Levering—Writing and Drawing Desk.



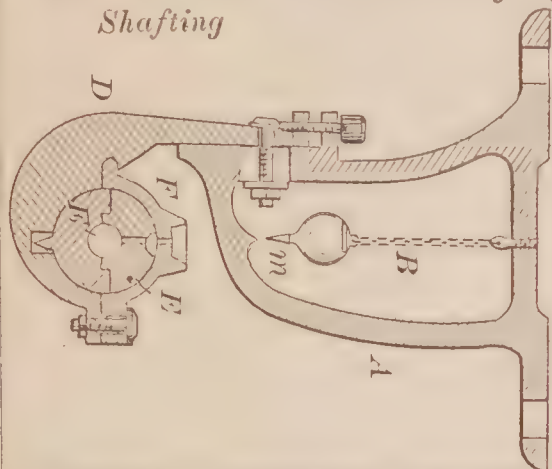
80751—M. W. Long—Stove Oven.



80750—D. E. Long—Curtain Fixture.



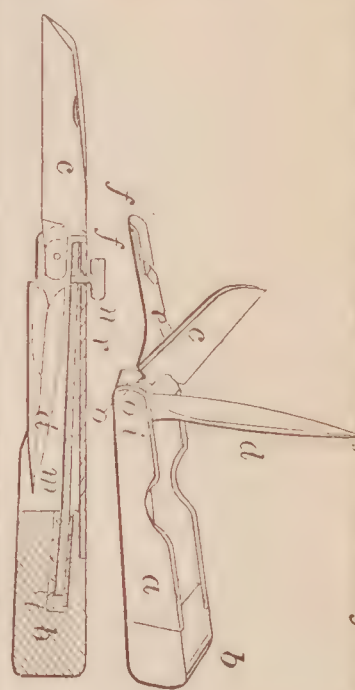
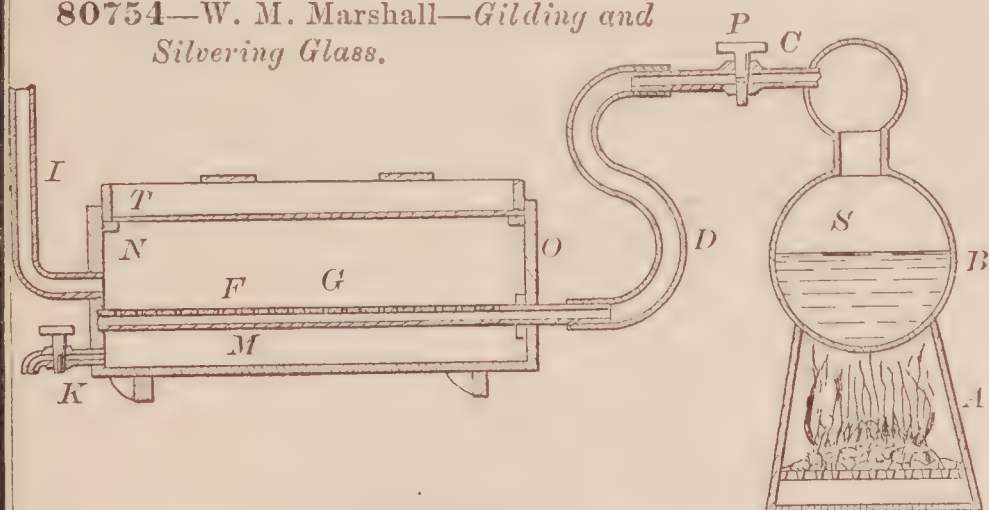
80752—J. W. Loraine—Hanger for Shafting



80753—W. M. Marshall—Foot Muff.

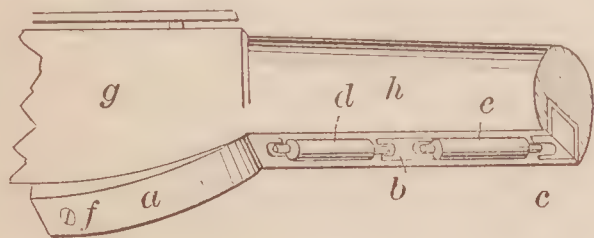


80754—W. M. Marshall—Gilding and Silvering Glass.

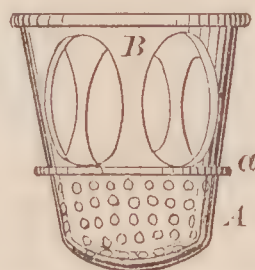


80756—G. W. Miller—Tool for Mending Belts.

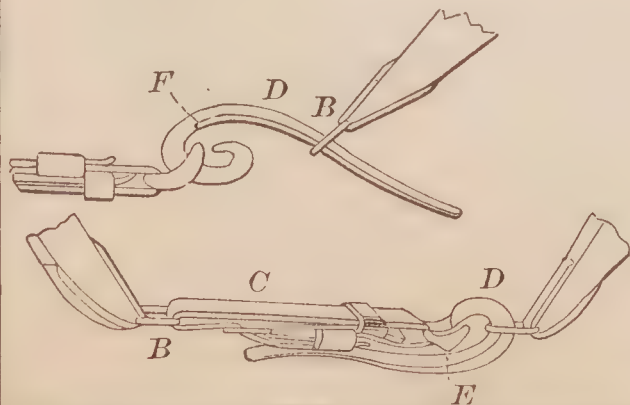
80758—Morrett & Watts—Wagon Skein



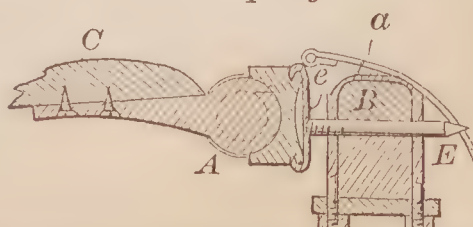
80755—J. E. McBeth—Thimble.



80757—J. D. Miller—Hames Fastener.

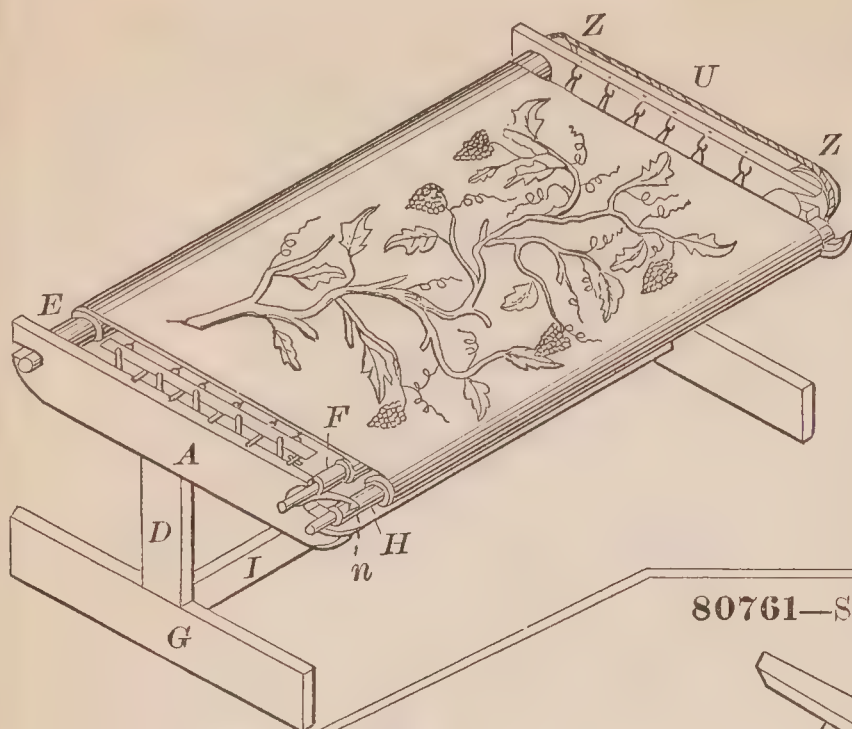


80759—J. H. Mulford—Wagon Shaft Coupling.

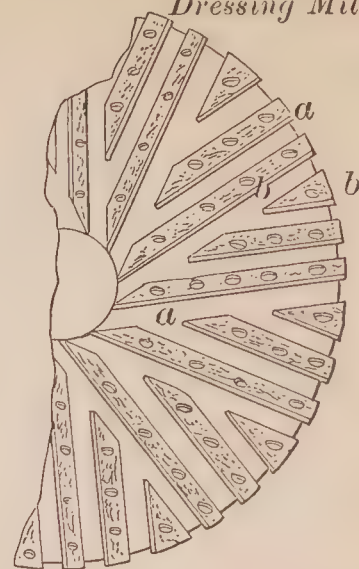




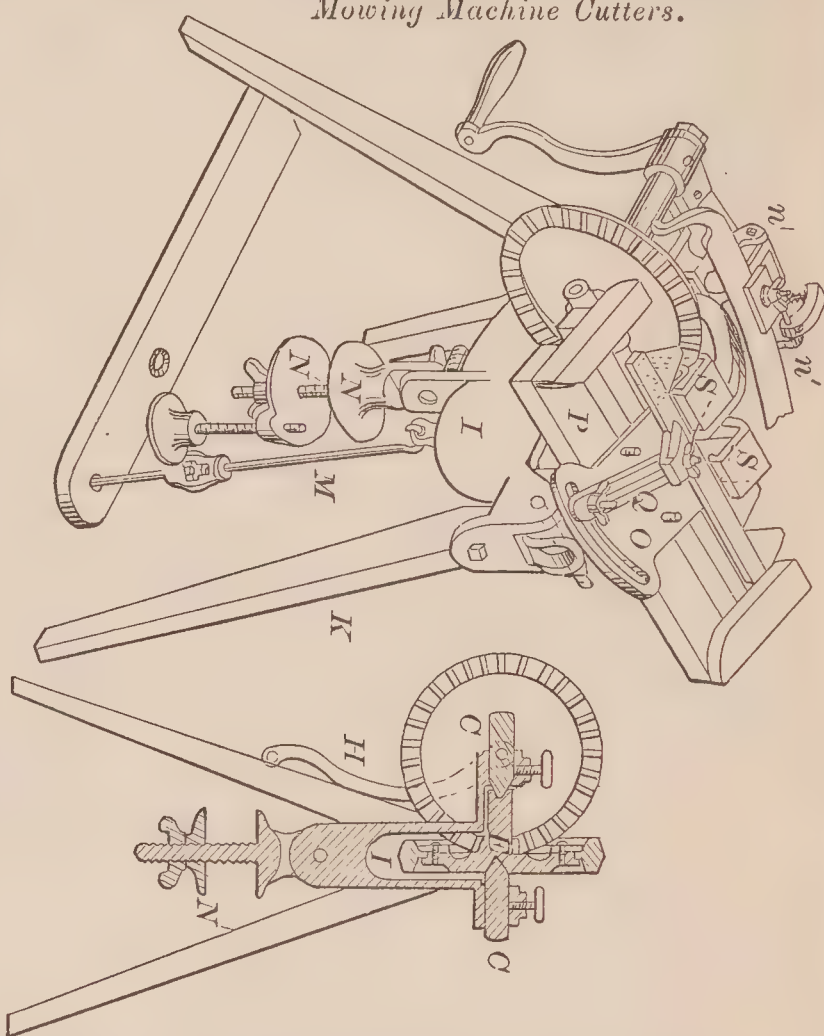
80760—S. H. Nesbit—*Quilting Frame.*



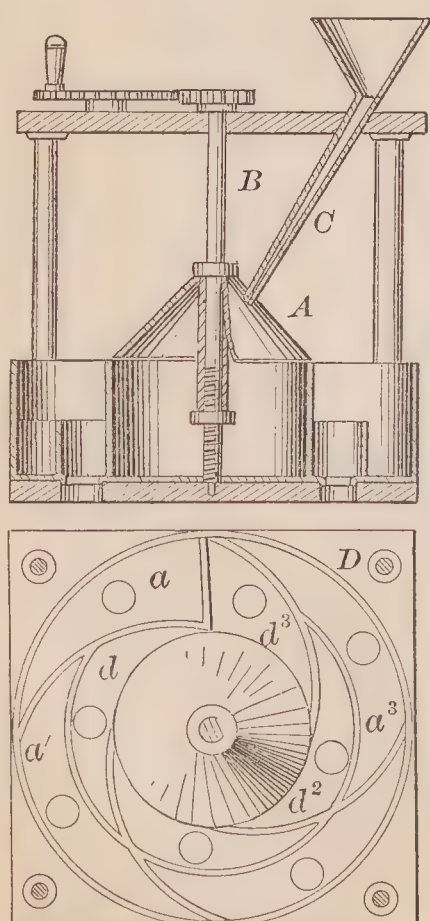
80762—J. Pannabecker—  
*Dressing Mill Stones.*



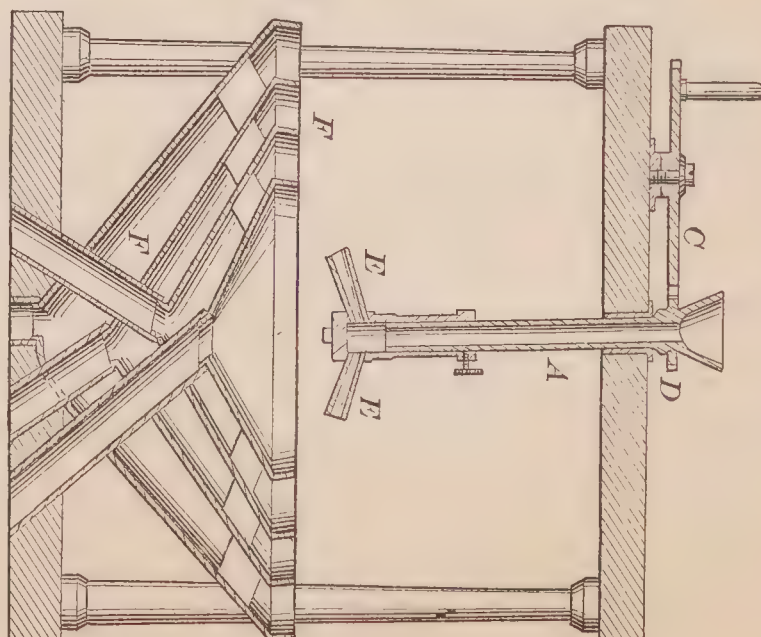
**80761**—S. W. & J. F. Palmer—*For Grinding  
Mowing Machine Cutters.*



80763—S. T. Pearce—*For  
Separating Ores.*

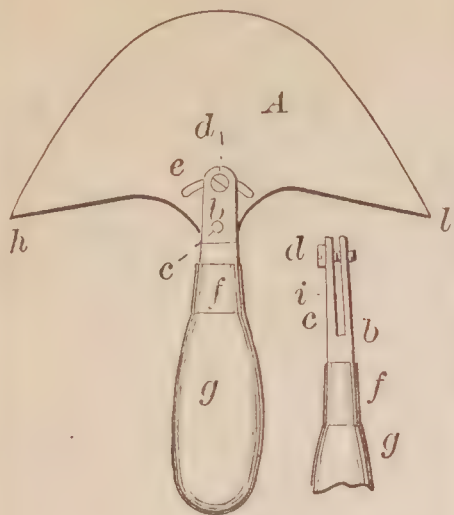


80764—S. T. Pearce—*For Separating Ores.*

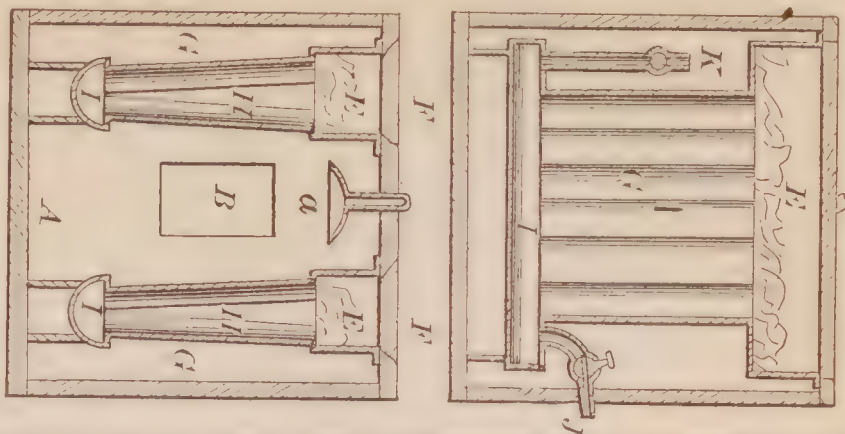




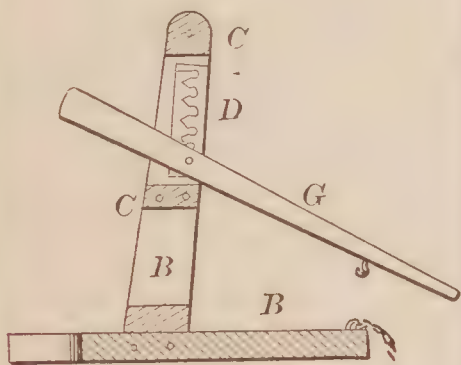
80765—J. H. Quackenbush—  
*Harness Round Knife.*



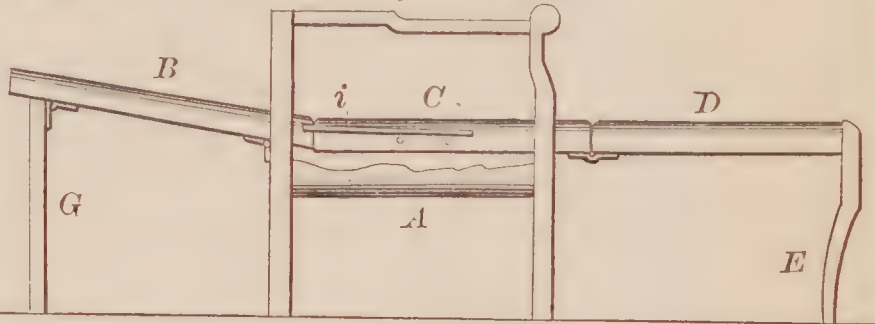
80766—J. H. Racy, Jr.—*Refrigerating Chamber.*



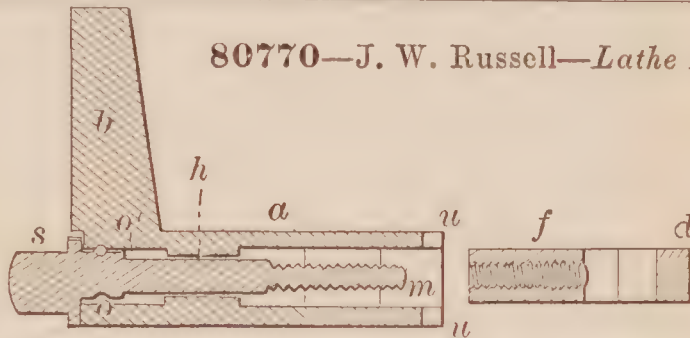
80768—S. Rice—*Wagon*  
*Jack.*



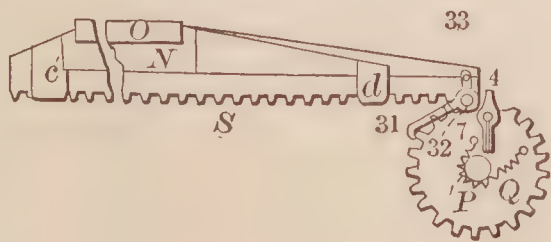
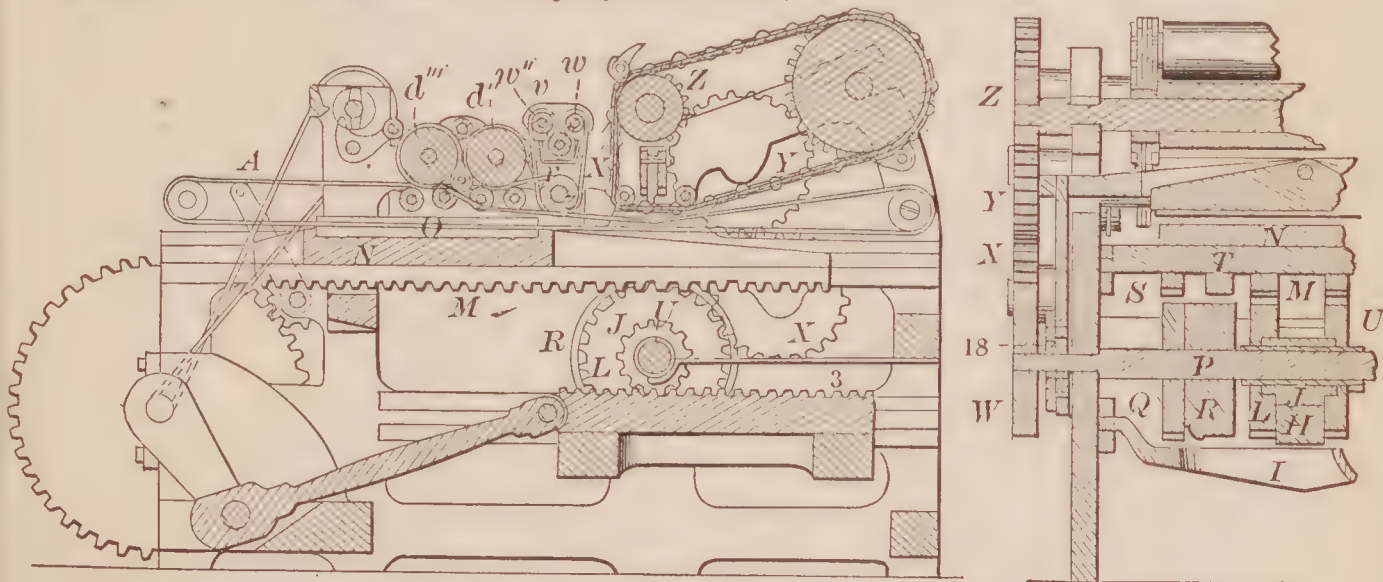
80767—J. B. Reith—*Sofa and Bed.*



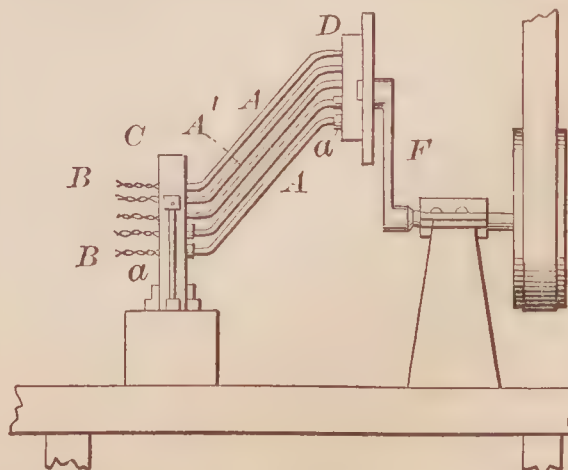
80770—J. W. Russell—*Lathe Dog.*



80771—A. G. Shackford—*Lithographic Printing Press.*



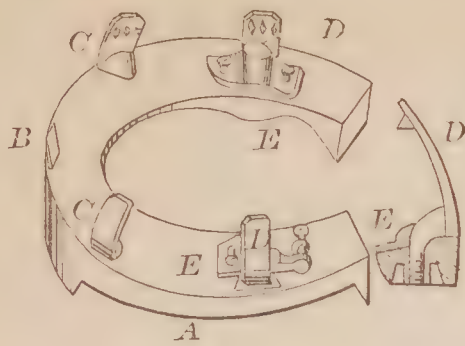
80769—C. F. Ritchel—*Serial Crank.*



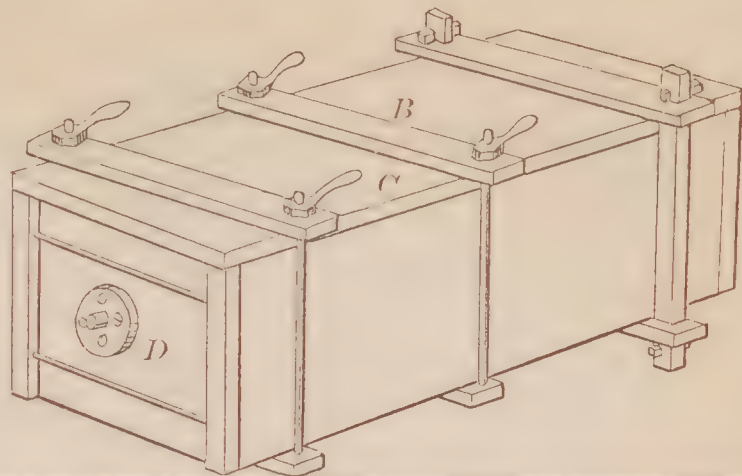




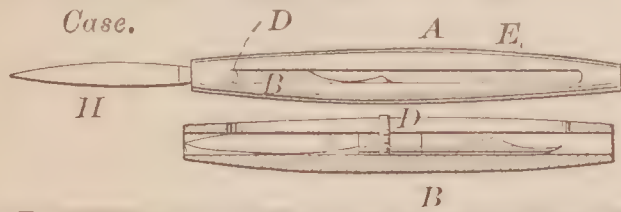
80778—L. A. Smith—*Horse Shoe.*



80779—S. Snyder—*Tanning.*



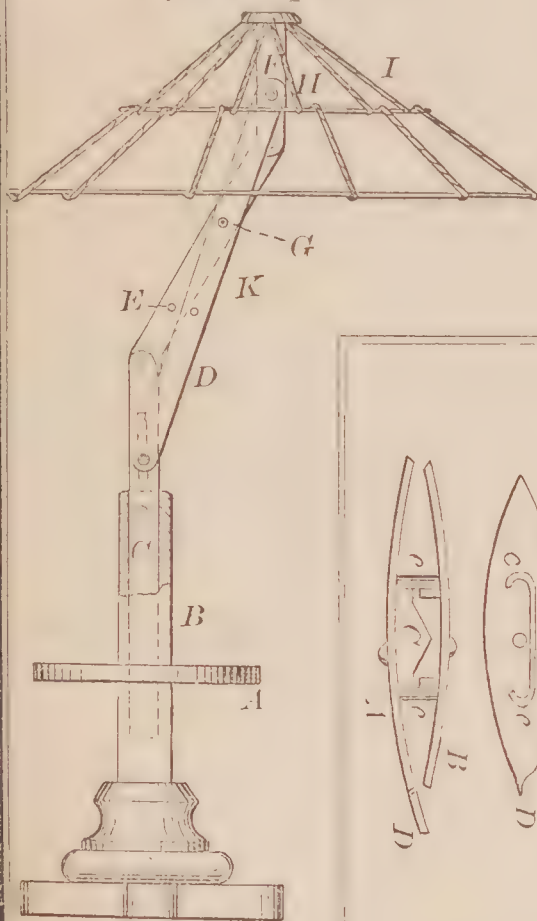
80780—L. F. Standish—*Pen and Pencil Case.*



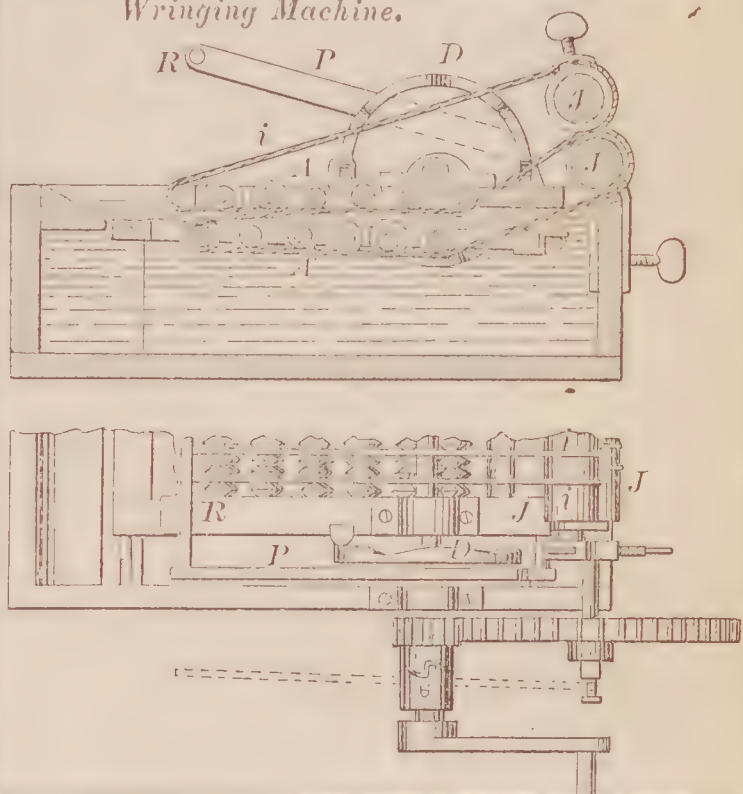
80783—J. S. Streeter—*Fly Frame Flyer.*



80782—Strasser & Lewy—*Stand for Mosquito Nets.*



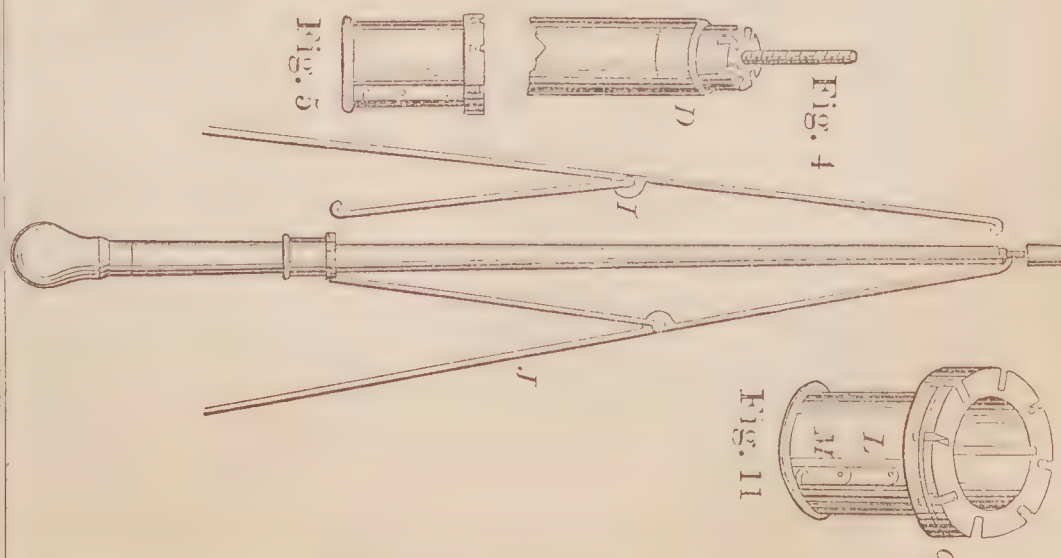
80784—R. K. Tomlinson—*Washing and Wringing Machine.*



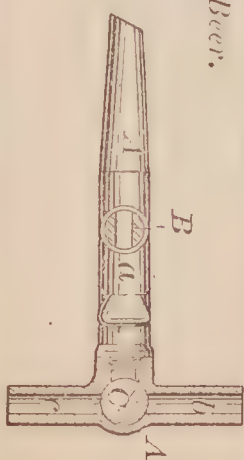
80781—Stockwell & Goodwin—*Tating Shuttle.*



80785—W. F. Turner—*Umbrella.*

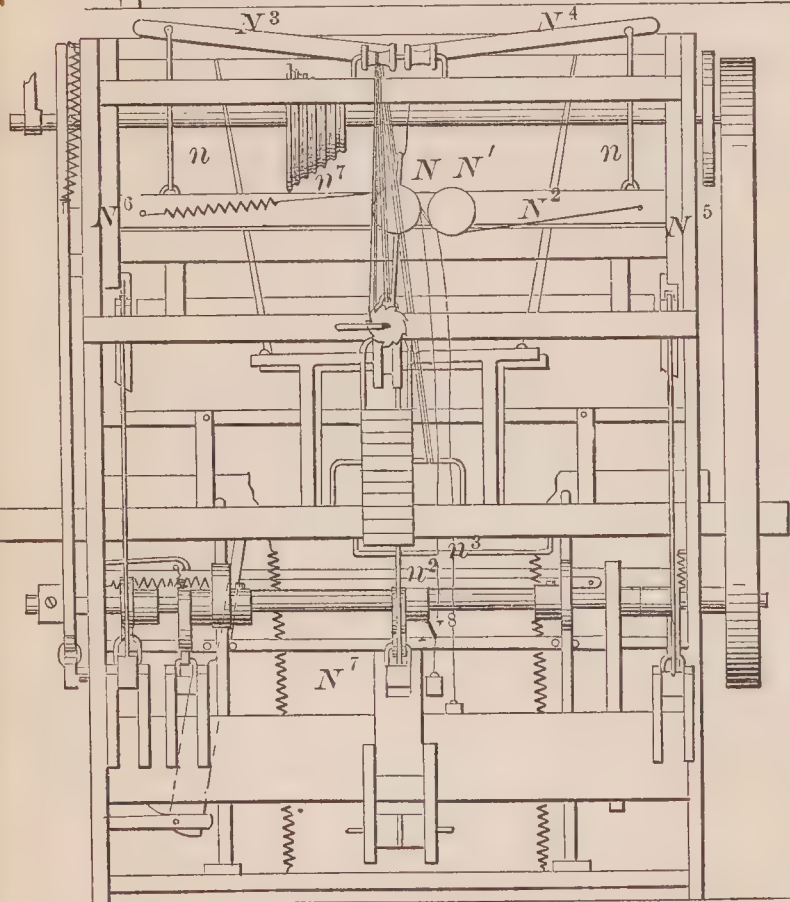
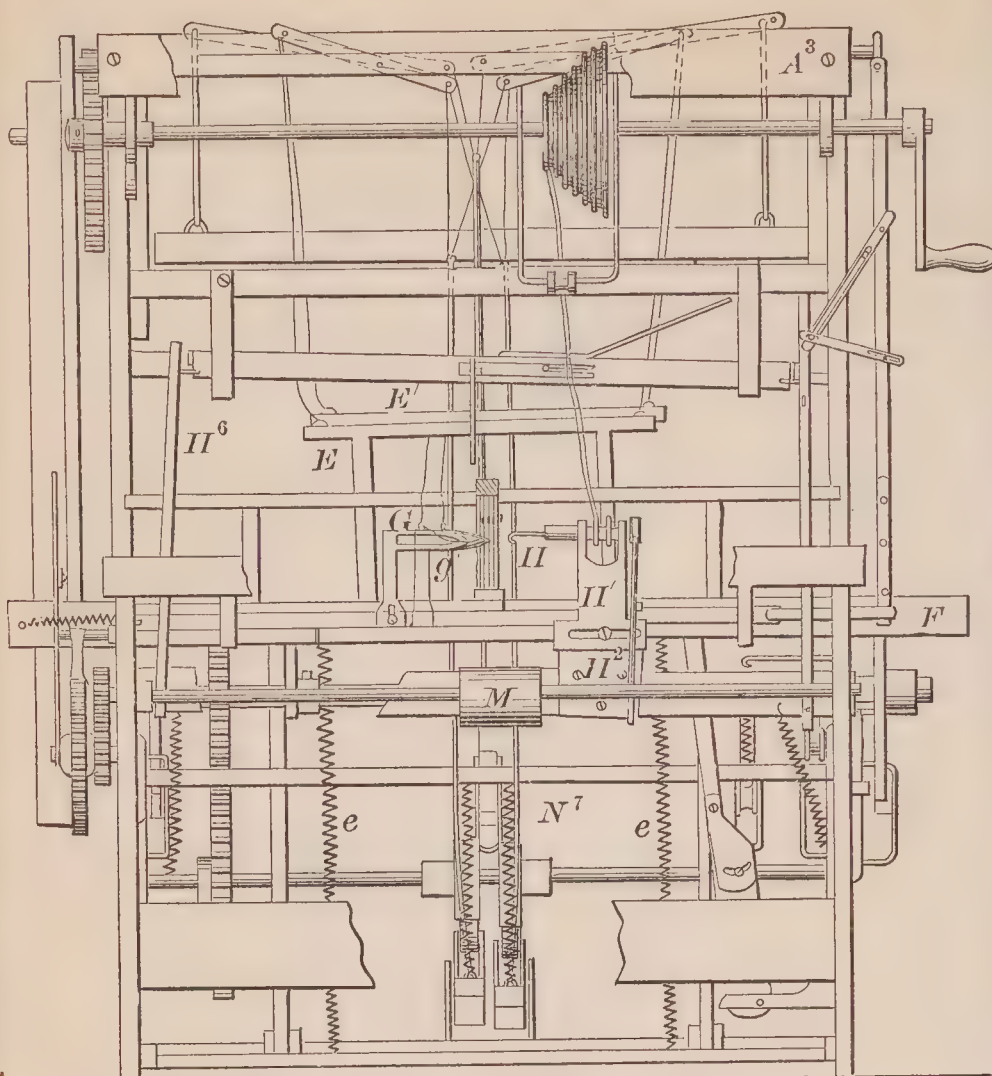


80787—F. Wagner—*Cock for Racking off Beer.*

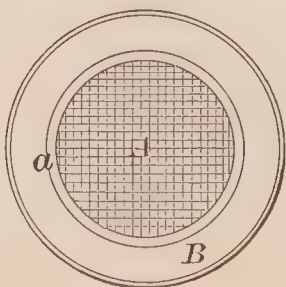




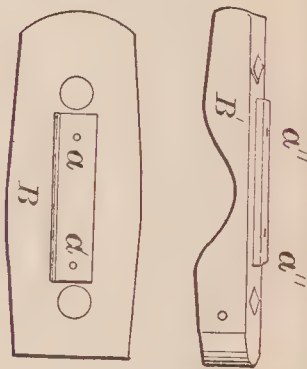
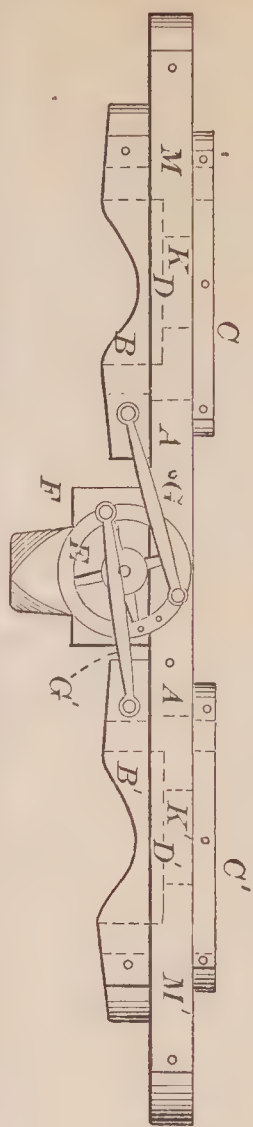
80786—L. D. Valetton—*Loom for Weaving Fringe.*



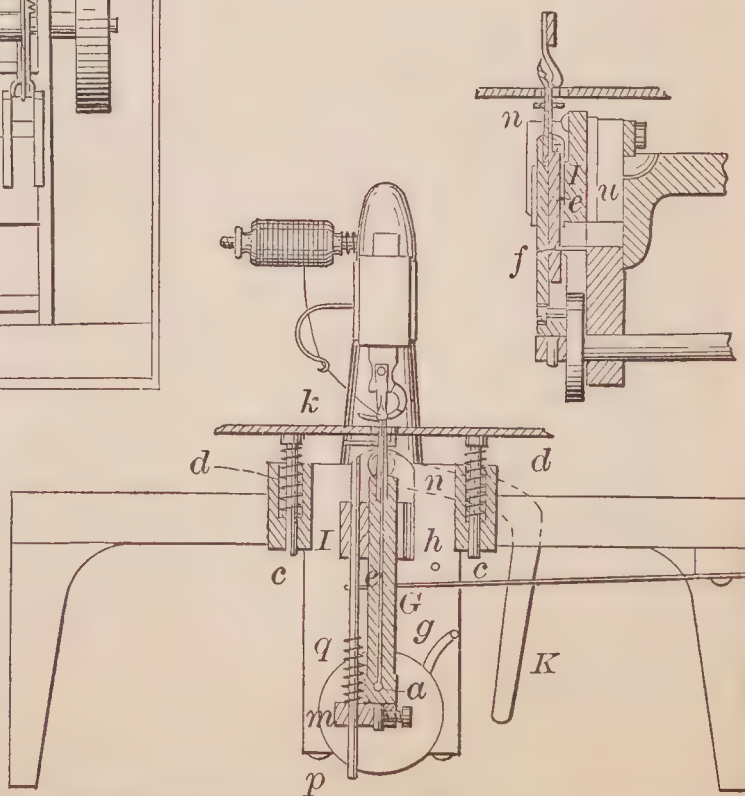
80790—W. Westlake—*Strainer*.



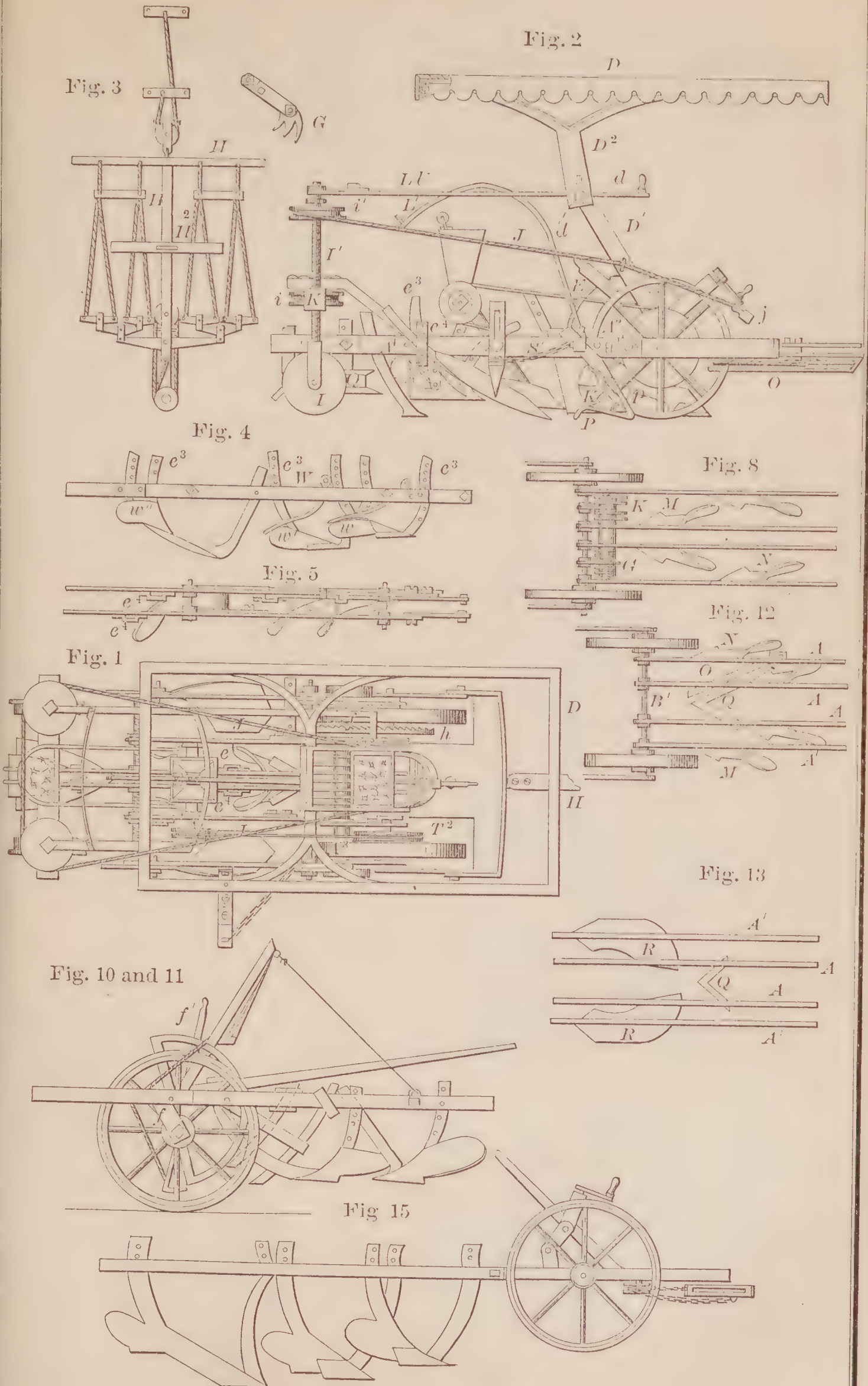
80788—S. G. Walker—Adjustable Ox Yoke.



80789—D. Weaver—*Sewing Machine.*

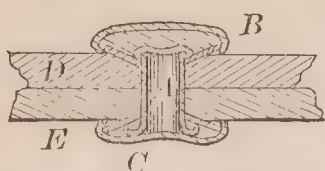


80795—H. Cowing—Agricultural Machine.

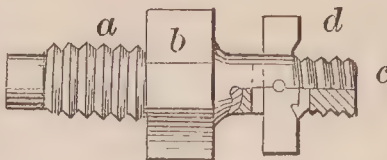




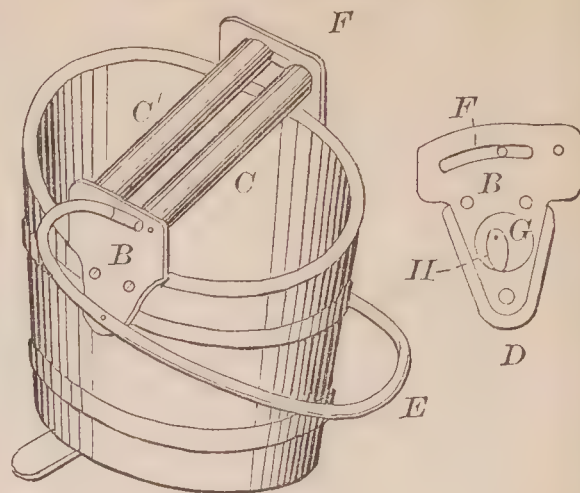
80791—E. S. Wheeler—*Rivet.*



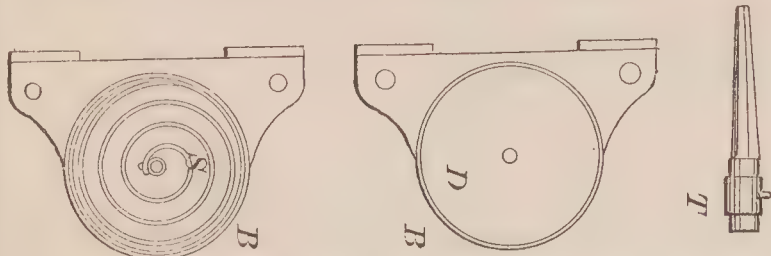
80792—H. F. Wheeler—*Nut Squaring Chuck.*



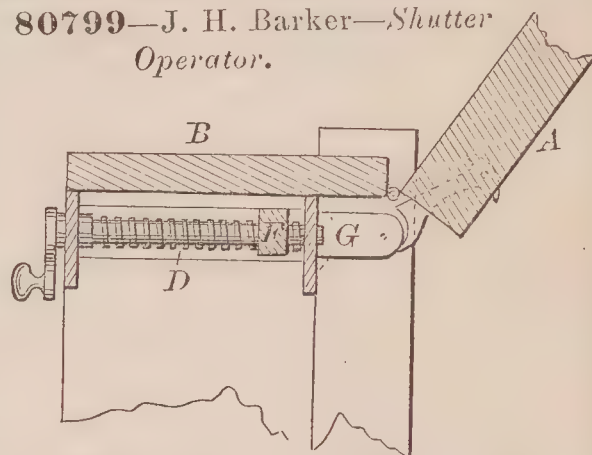
80794—E. Youngs—*Mop and Clothes Wringer.*



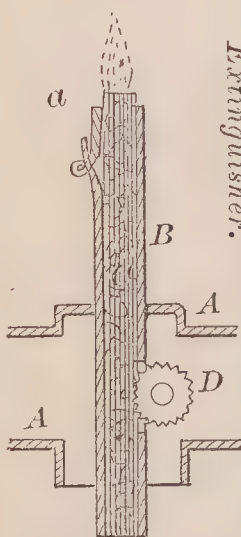
80793—W. H. Woods—*Curtain Fixture.*



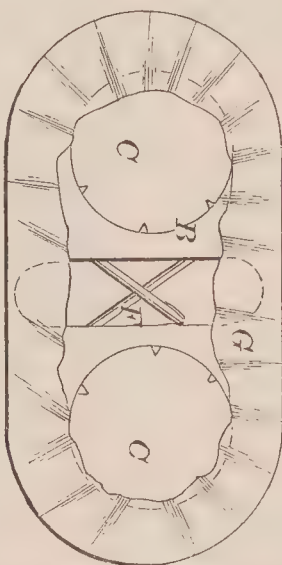
80799—J. H. Barker—*Shutter Operator.*



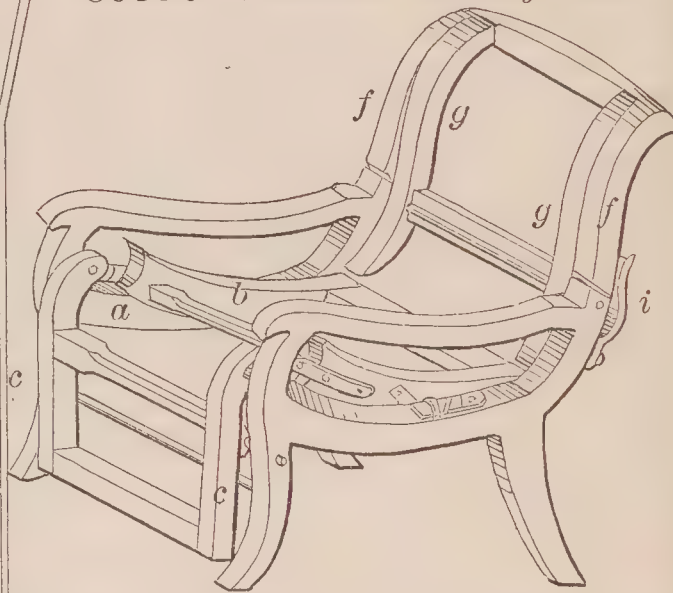
80796—C. E. Abbott—*Lamp Extinguisher.*



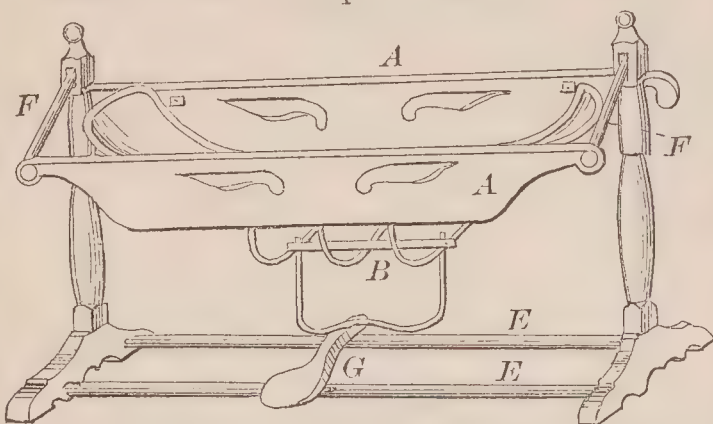
80797—J. Adams—*Wash Boiler.*



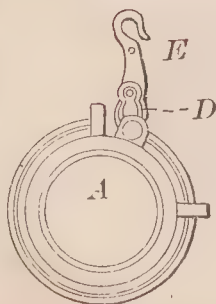
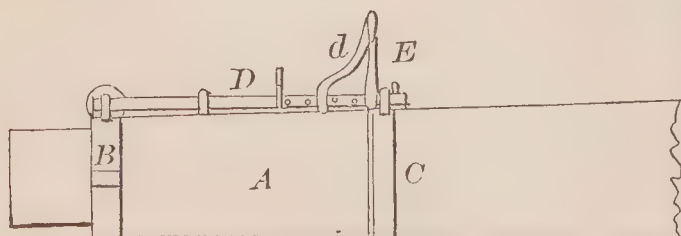
80802—C. Brada—*Reclining Chair.*



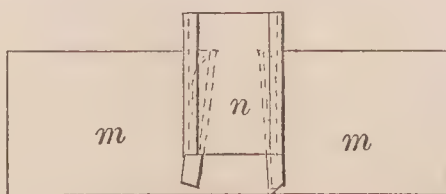
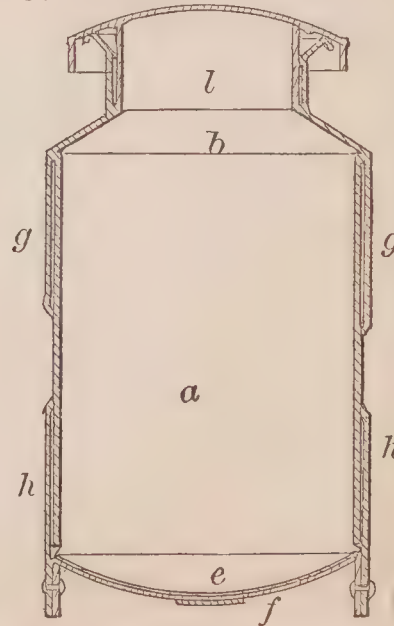
80801—Blood & Pope—*Couch or Cradle.*



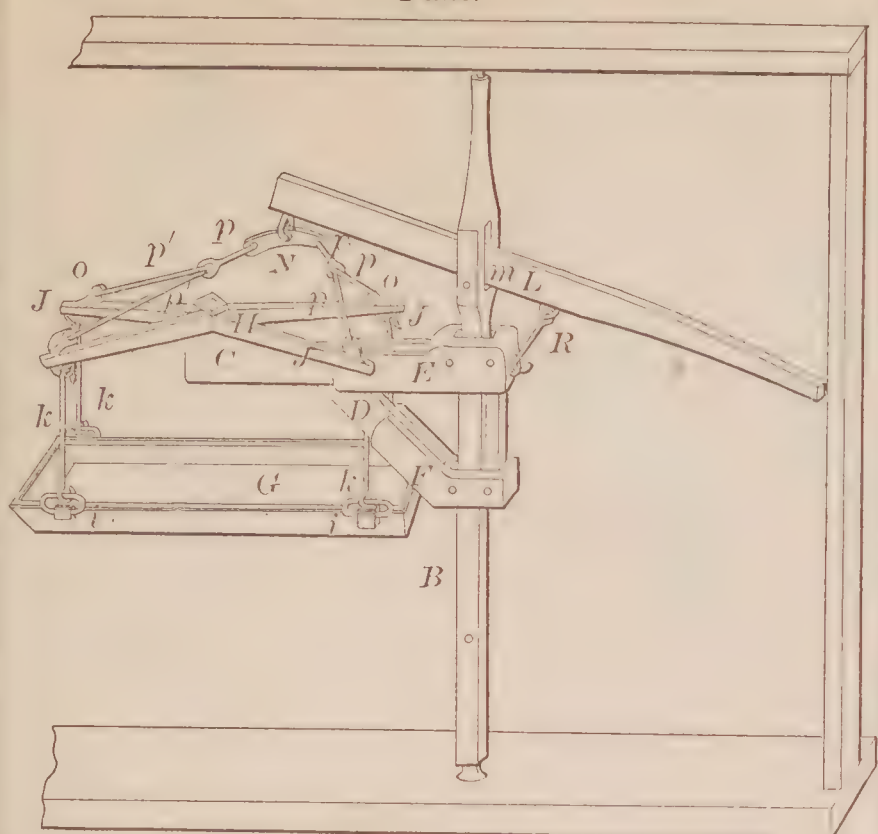
80803—C. S. Brown—*Supporting Attachment for Sails.*



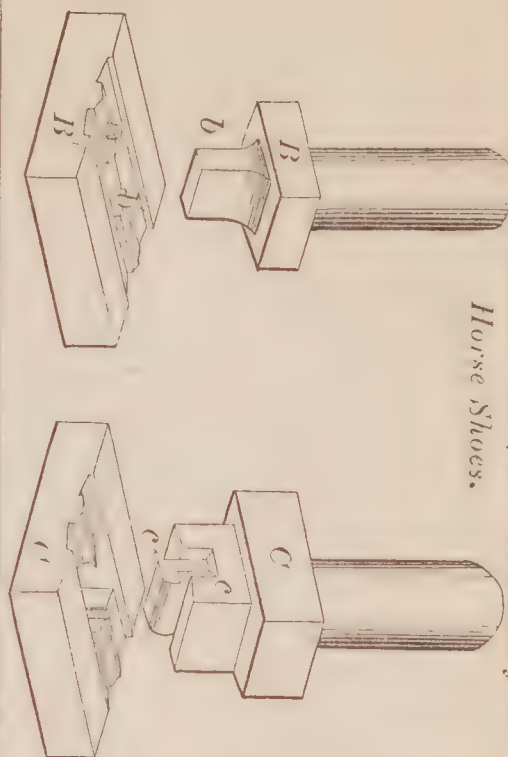
80800—J. A. Bennett—*Milk Can.*



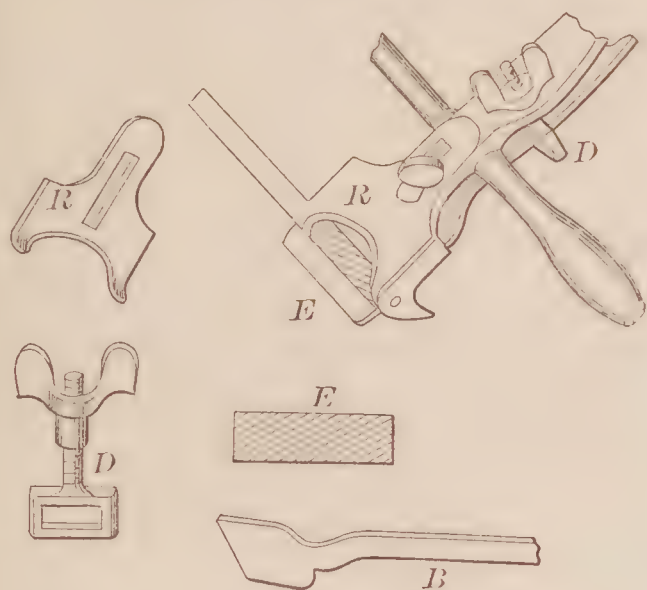
80804—O. W. & H. F. Burnham—*Elevator for Syrup Pans.*



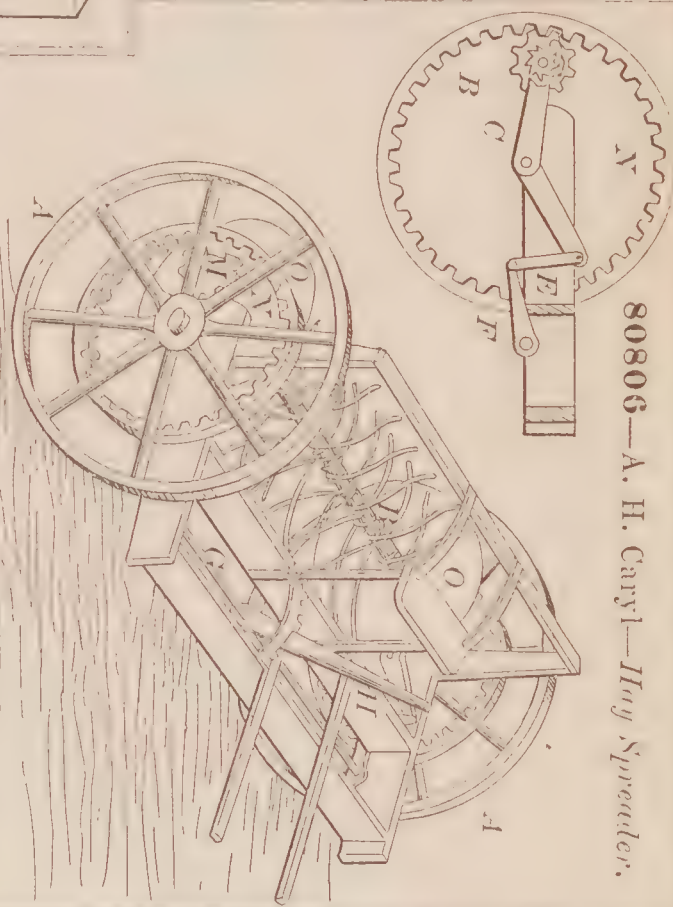
80807—E. R. Cheney—*Die for Toe Calks for Horse Shoes.*



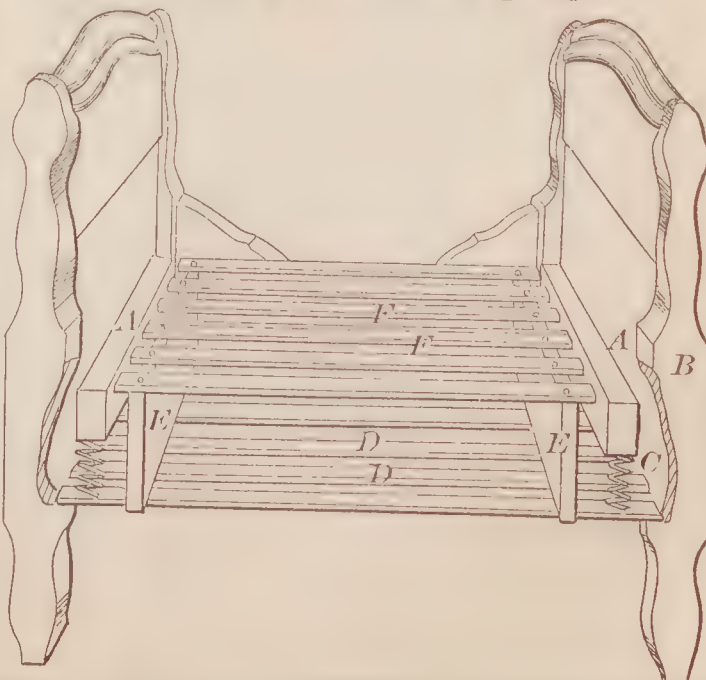
80805—E. A. Bushnell—*For Sharpening Horse Shoe Calks.*



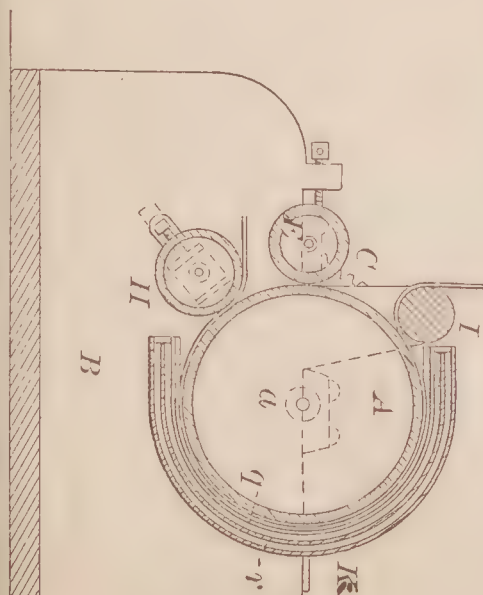
80806—A. H. Caryl—*Hay Spreader.*



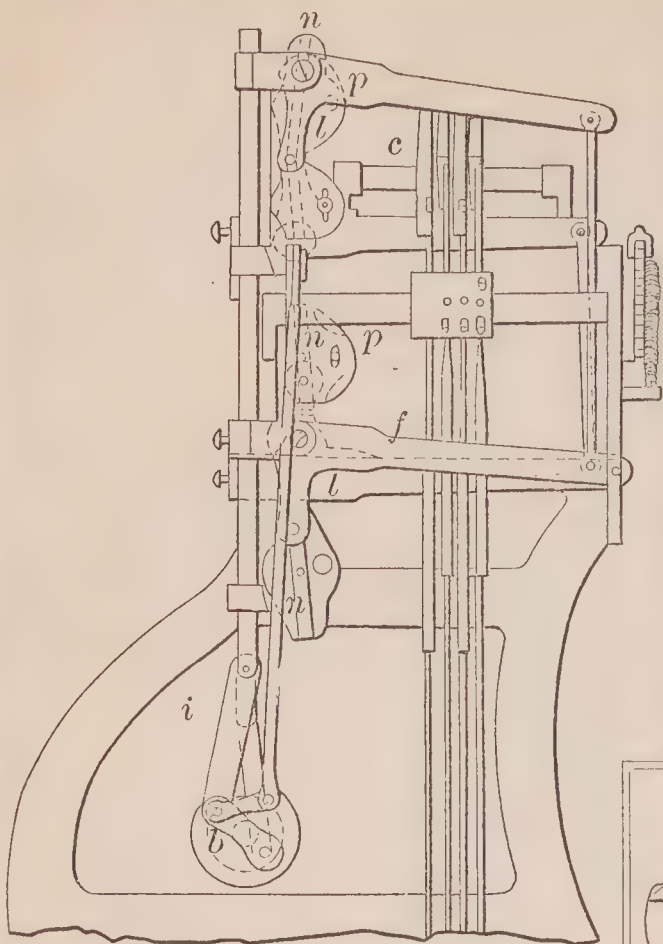
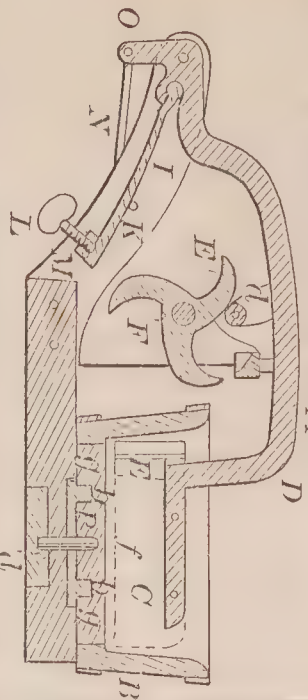
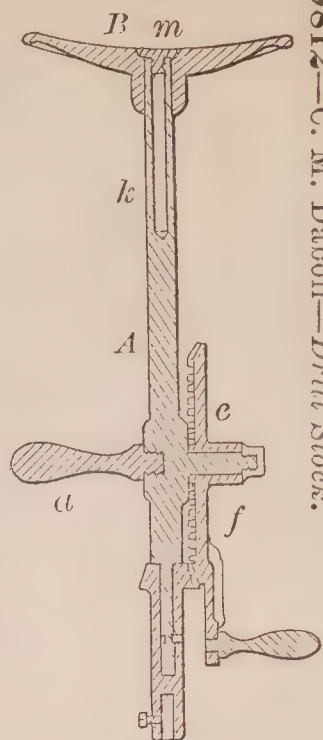
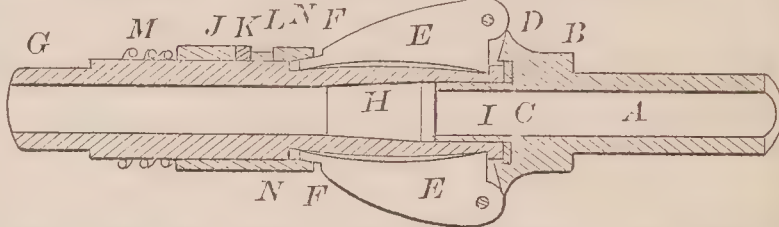
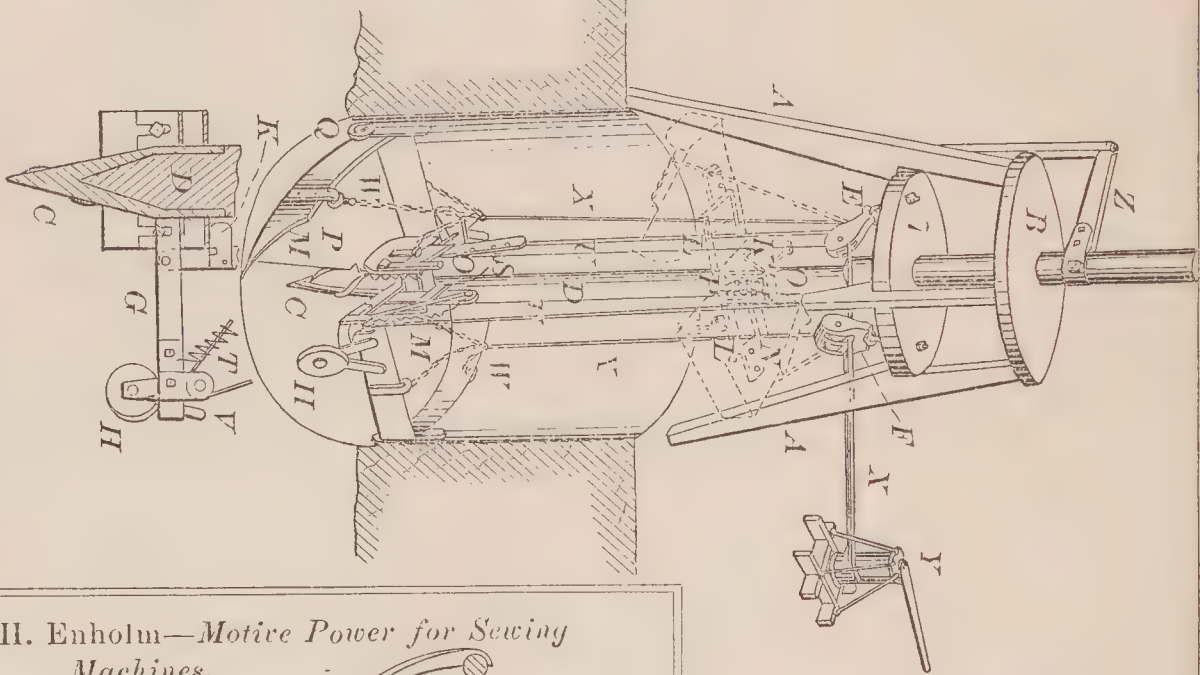
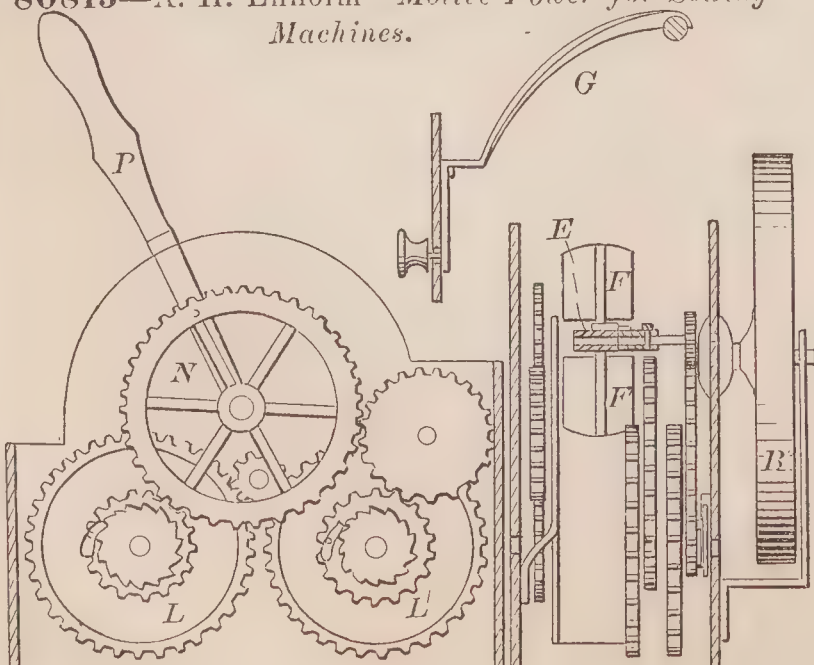
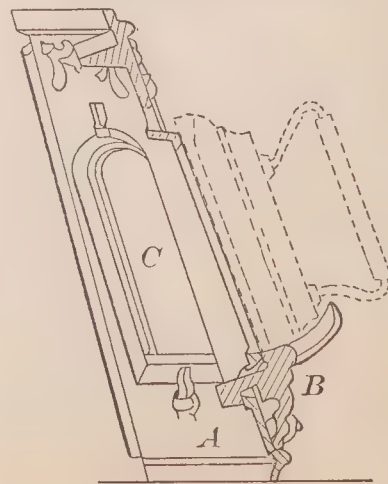
80808—H. F. Clark—*Bed Spring.*



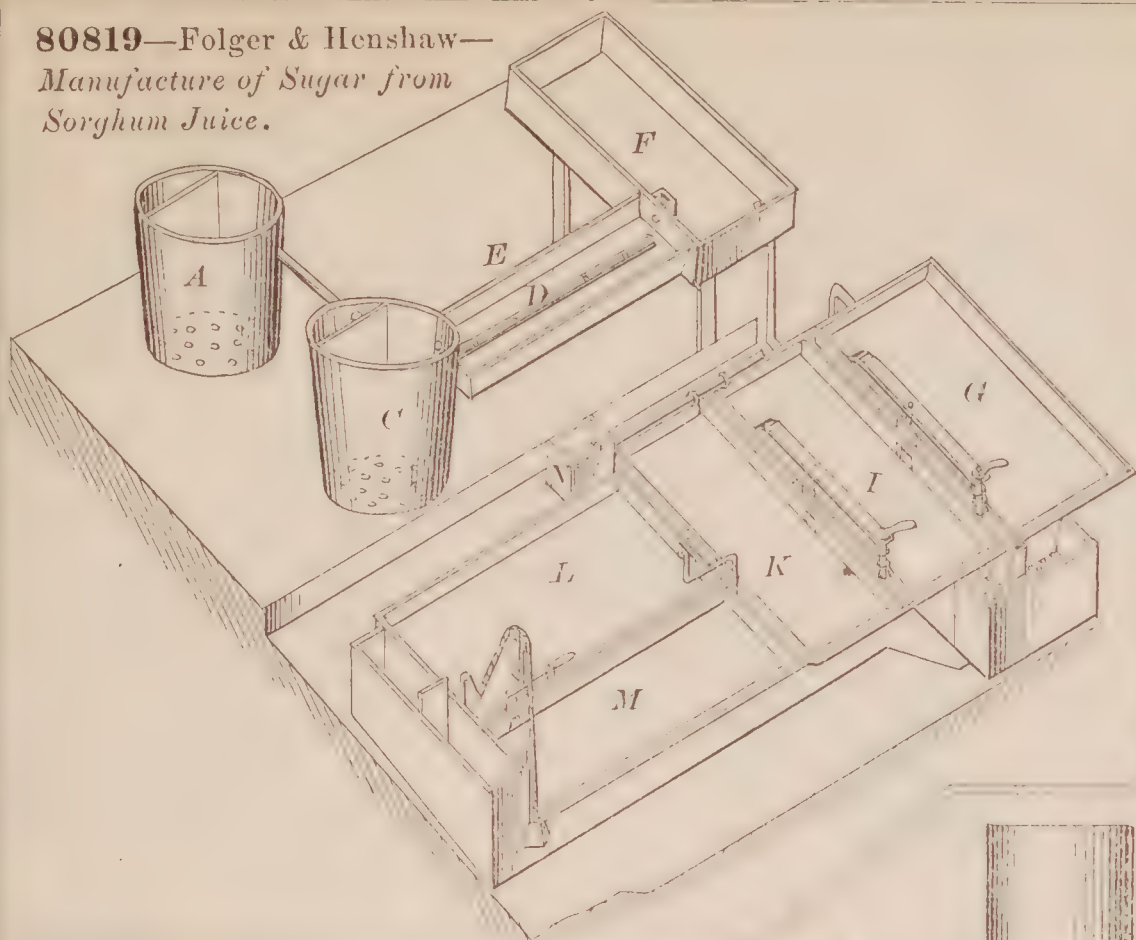
80809—Cobb & Hill—*Manufacture of Rubber Coated Cloth.*





80810—G. Crompton—*Loom.*80811—A. J. Curtis—*Leaf Chopper.*80812—C. M. Daboll—*Drill Stock.*80820—L. E. Forester—*Hose Coupling.*80813—J. Deveraux—*Rotary Excavator.*80816—J. E. Evarts—*Coffin.*80815—A. H. Enholm—*Motive Power for Sewing Machines.*80814—A. Dickey—*Sad Iron Support for Stoves.*

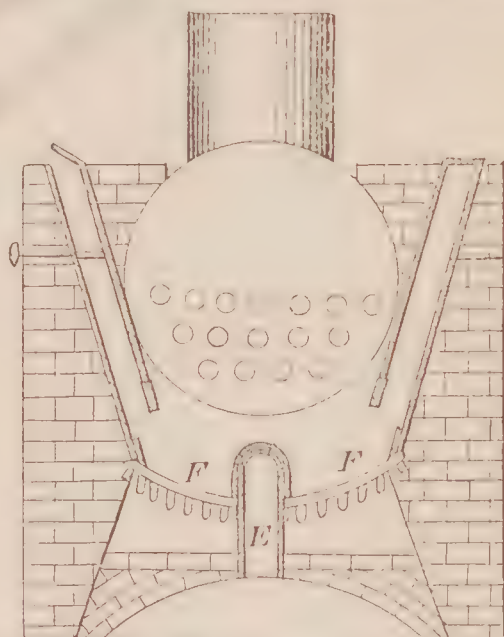
80819—Folger & Henshaw—  
Manufacture of Sugar from  
Sorghum Juice.



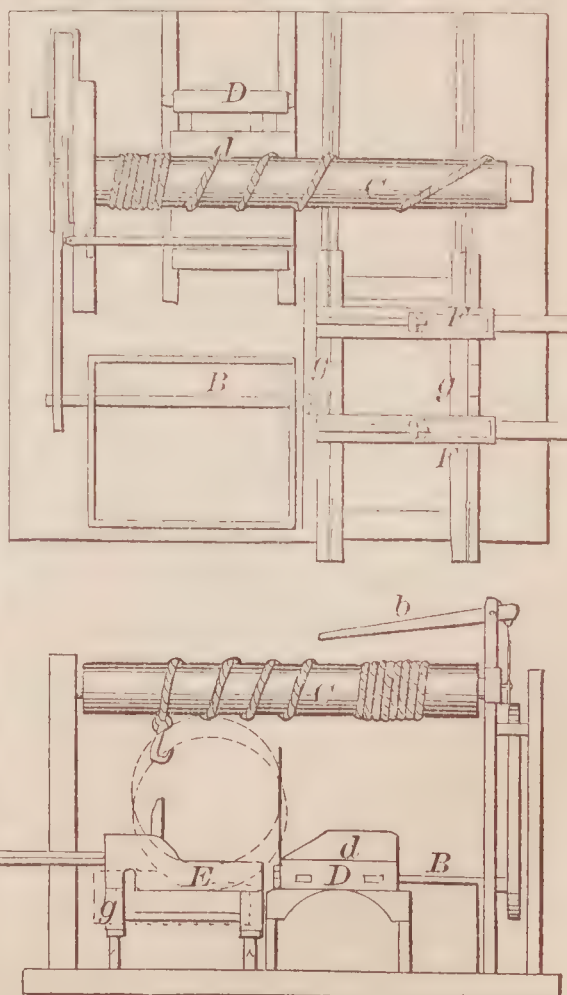
80822—J. J. Griffith—Artificial Teeth.



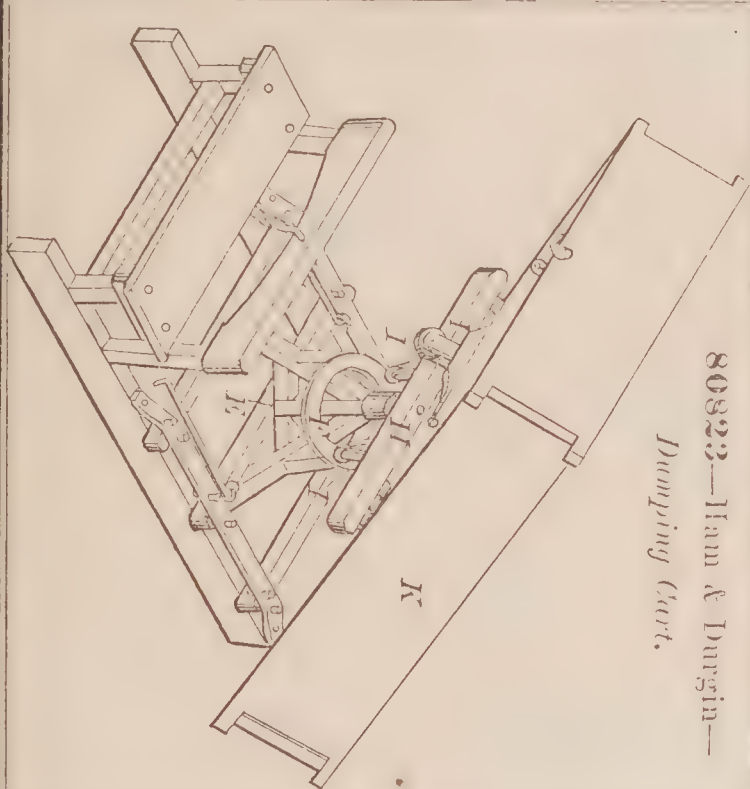
80821—Gardner & Swain—Steam  
Boiler Furnace.



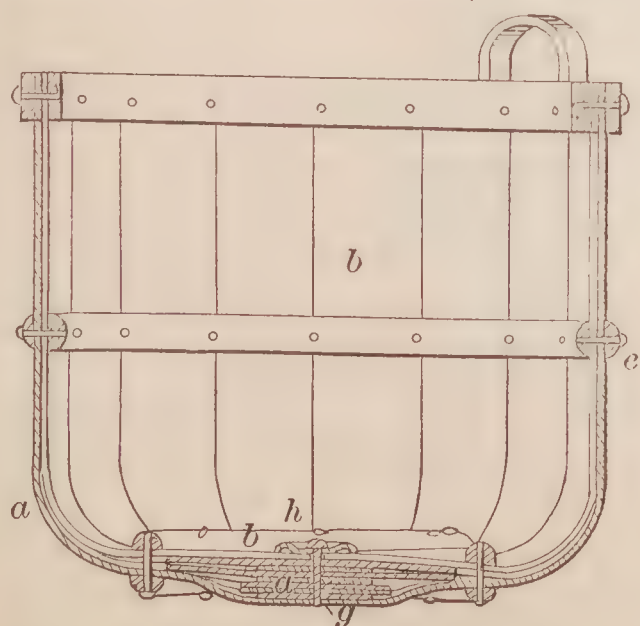
80824—M. Hillabold—Saw Mill.



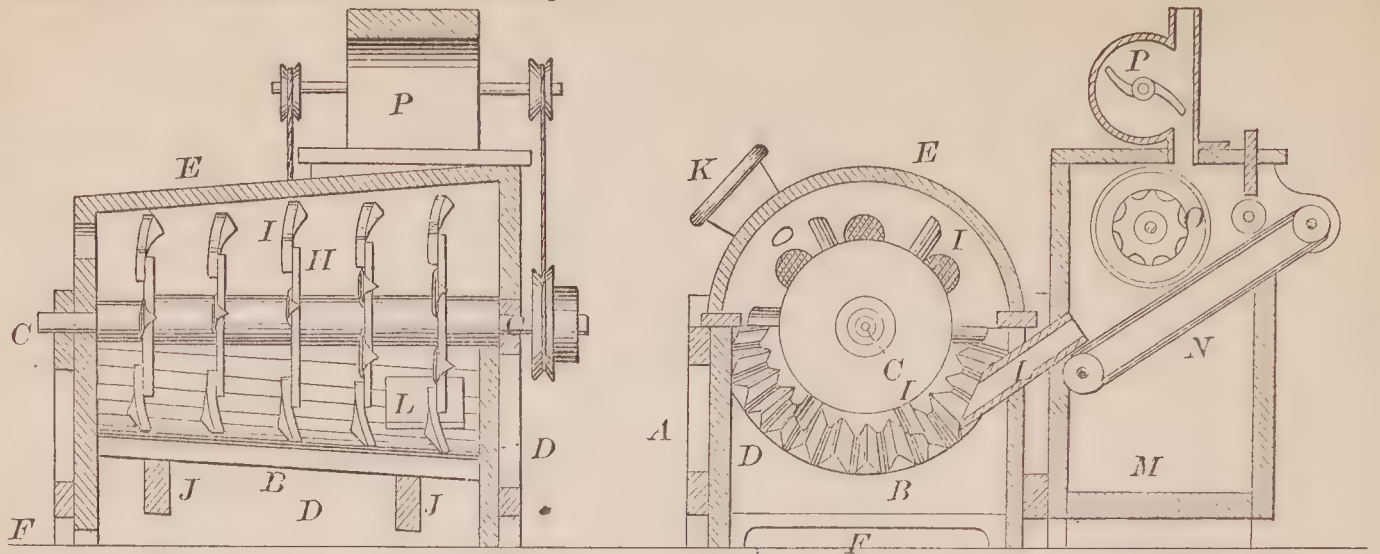
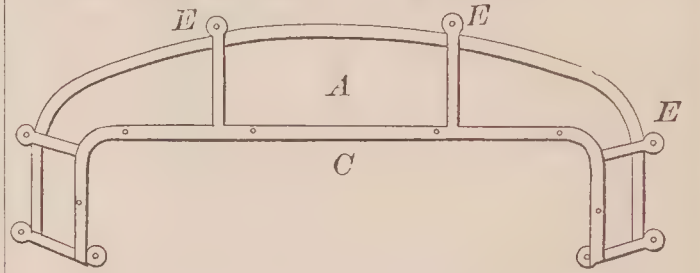
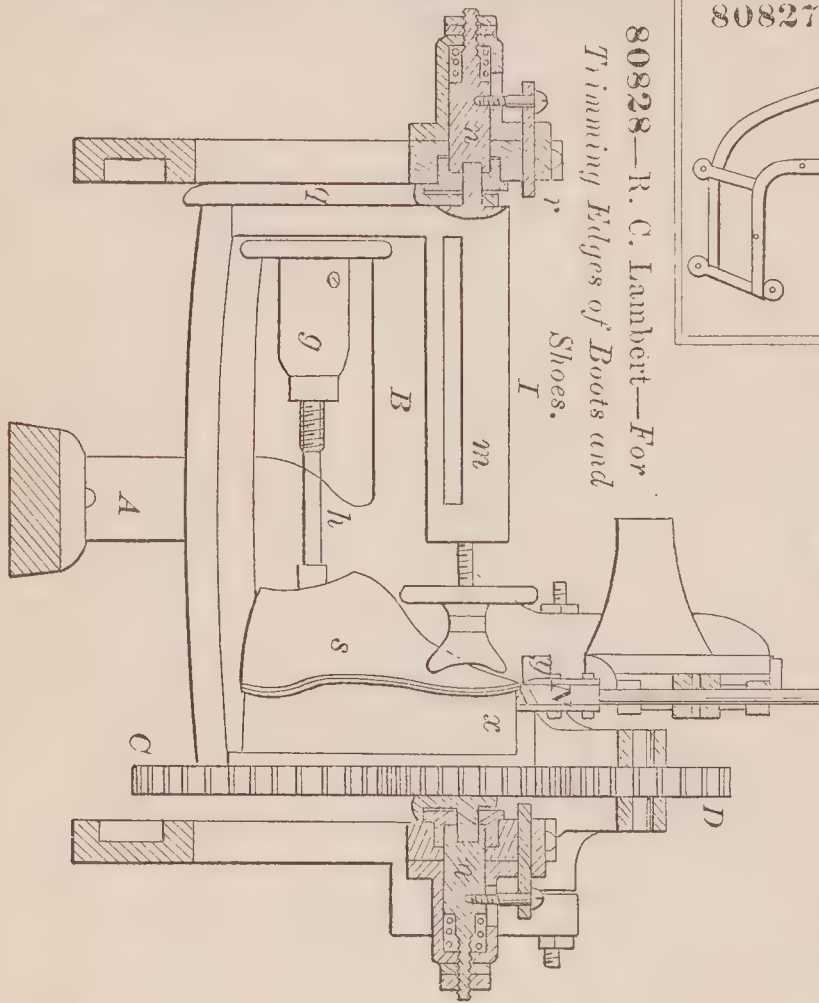
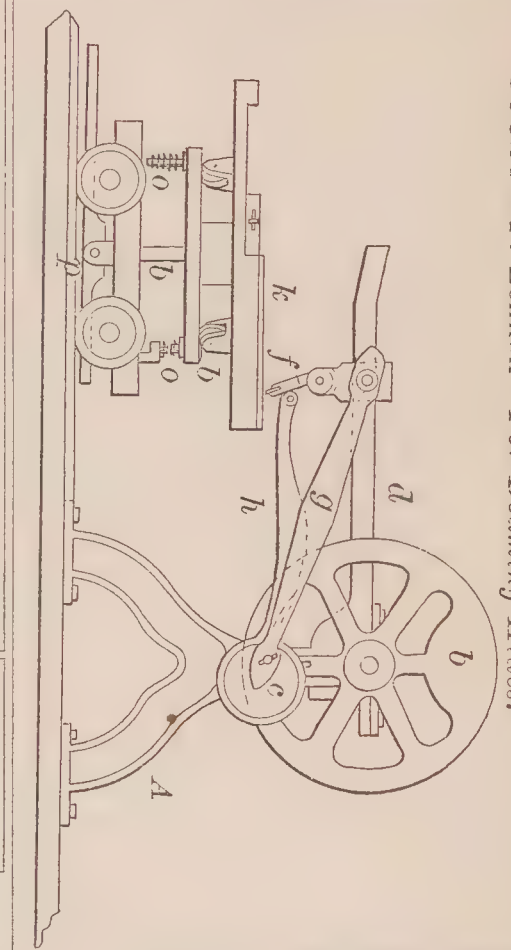
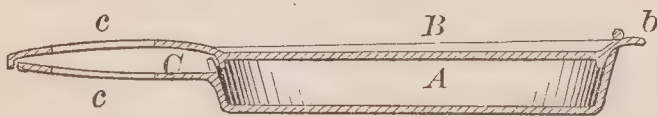
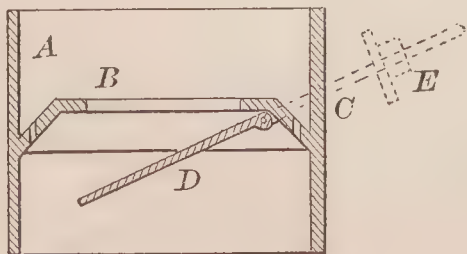
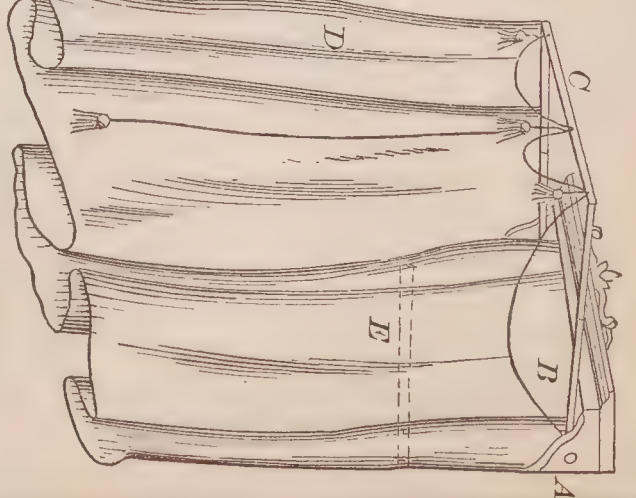
80823—Ham & Durgin—  
Dumping Cart.



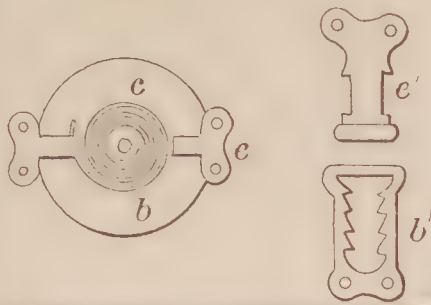
80825—H. C. Jones—Basket.



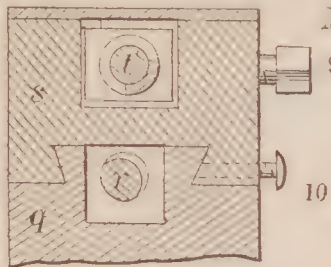


80826—J. Kershaw—*For Cleaning Cotton.*80827—I. Kinney—*Wagon Seat.*80828—R. C. Lambert—*For Trimming Edges of Boots and Shoes.*80829—P. Lennox—*For Beaming Hides.*80831—C. H. Mock—*Gridiron.*80832—F. D. Pastorius—*Stove Pipe Damper.*80833—L. Picot—*Comb.*80830—S. C. Maine—*Folding Mosquito Frame.*

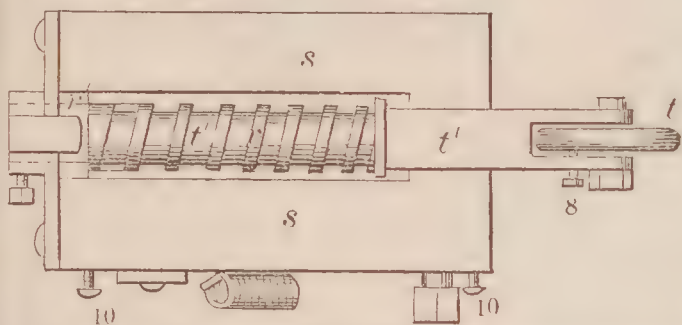
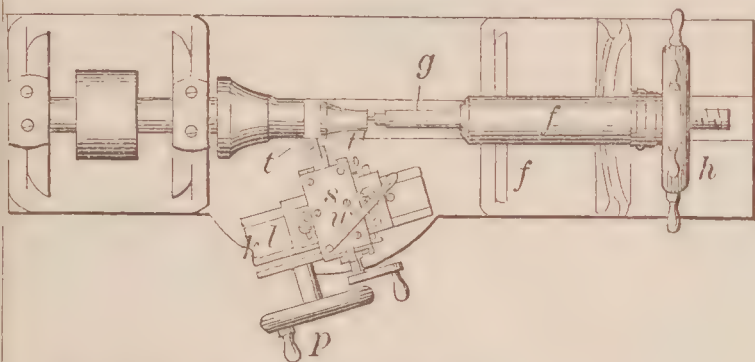
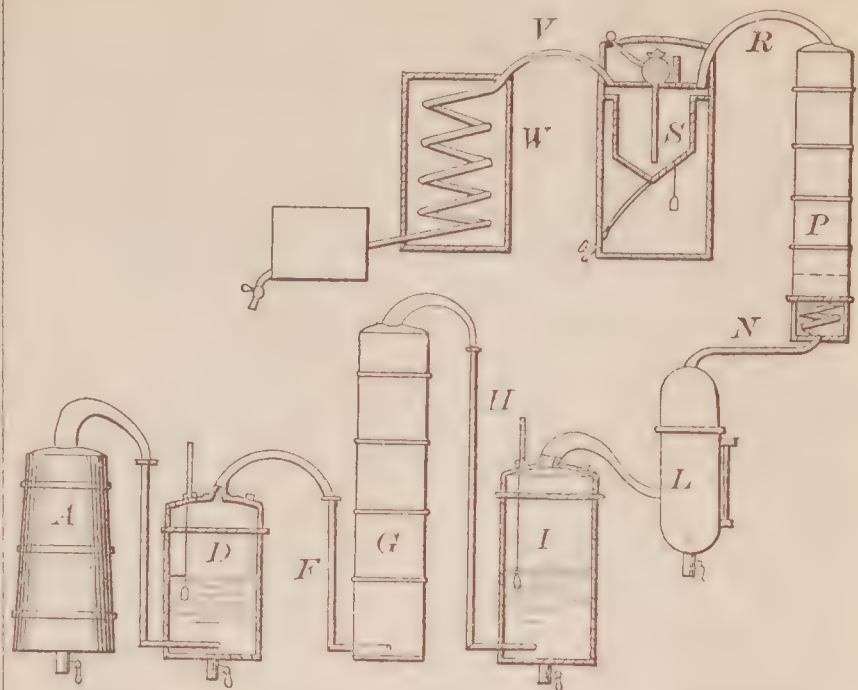
80834—E. W. Prussia—*Clasp  
for Boots and Shoes.*



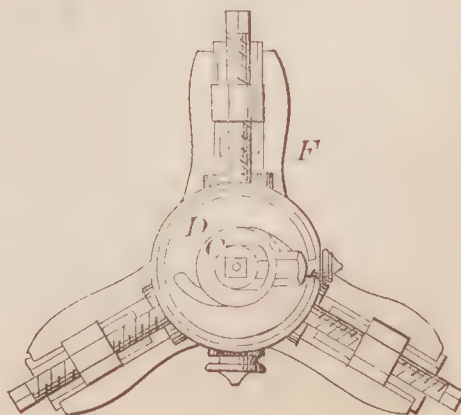
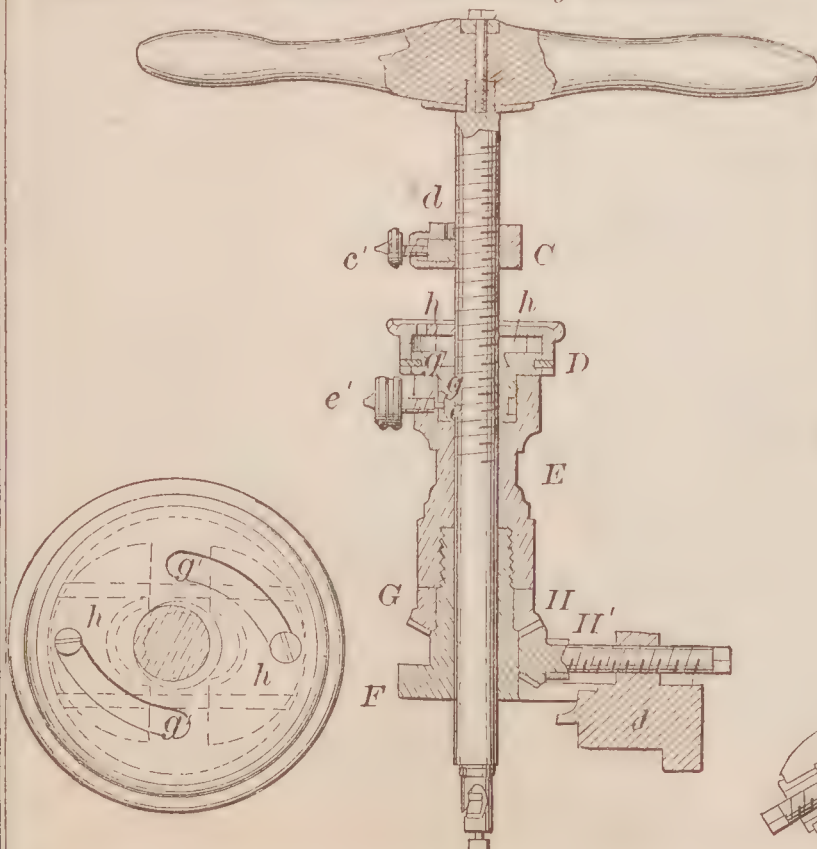
80836—F. J. Seymour—*For*  
*Burnishing and Spinning*  
*Metals.*



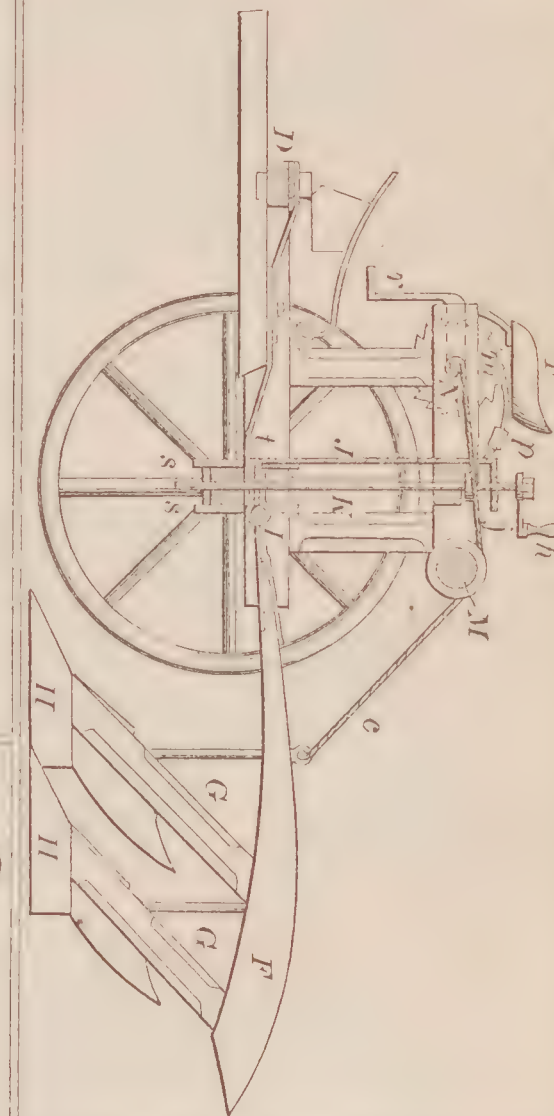
80835—F. Renz—*Manufacturing Sulphuric Ether.*



80837—A. R. Silver—*Hub Boring Machine.*

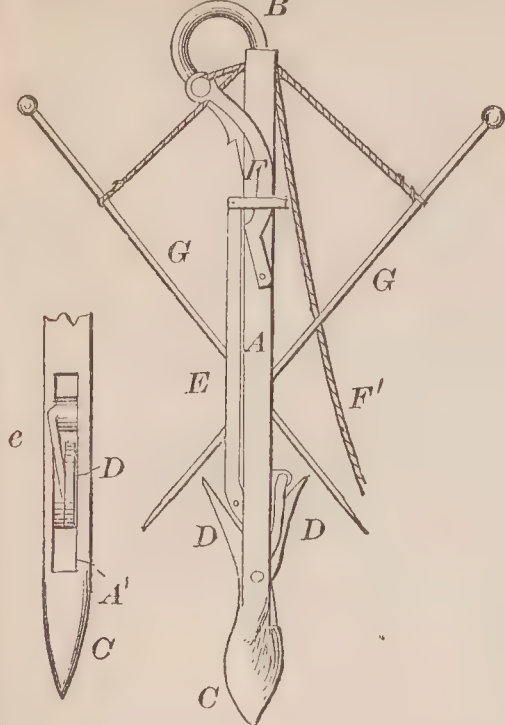


80838—Smith & Watson—Gang Plow.

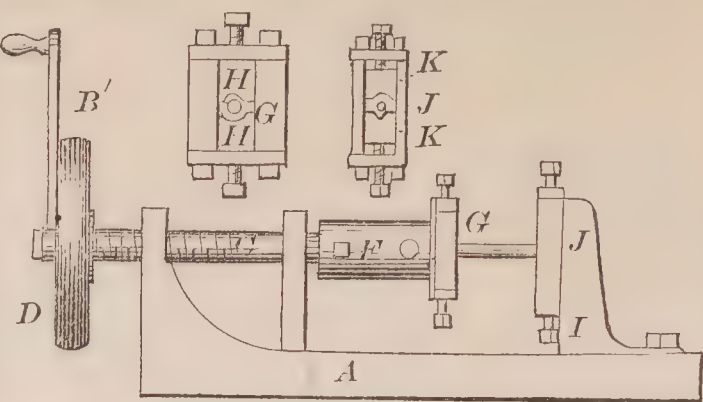




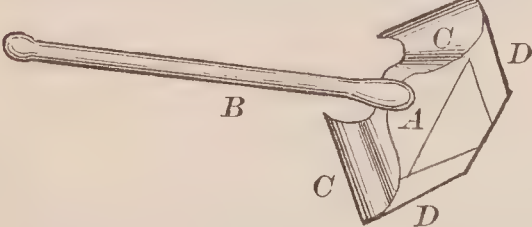
80839—A. Smith—*Horse Hay Fork.*



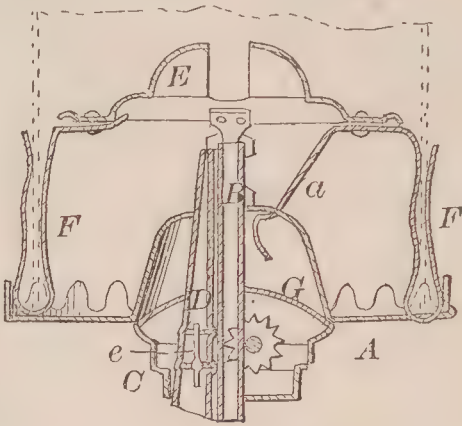
80840—V. Smith—*Screw Cutting Machine.*



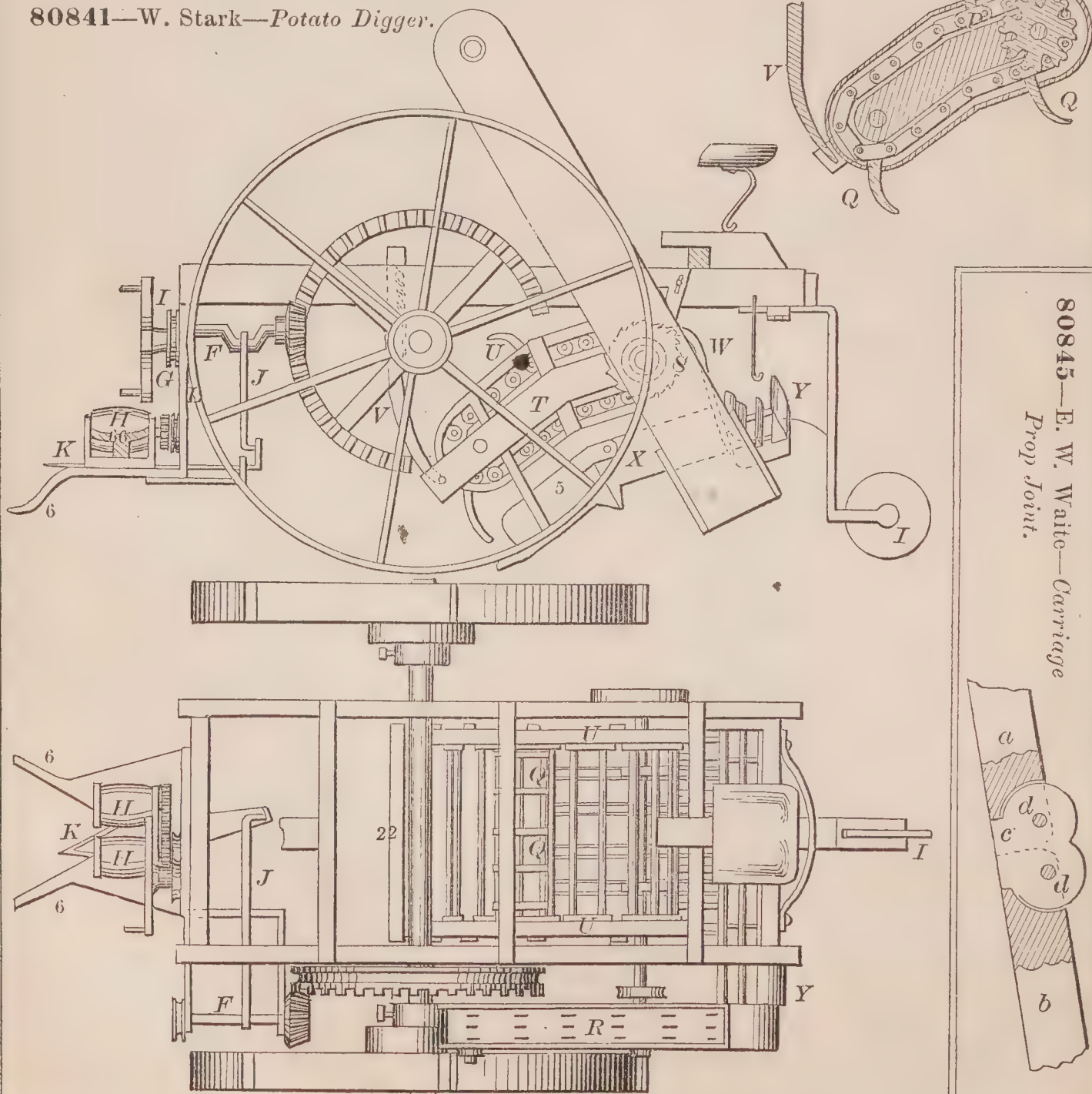
80842—J. Starr—*Garden Hand Plow.*



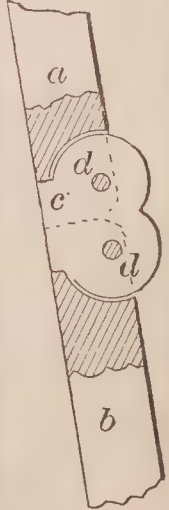
80843—E. J. Toof—*Lamp Burner.*



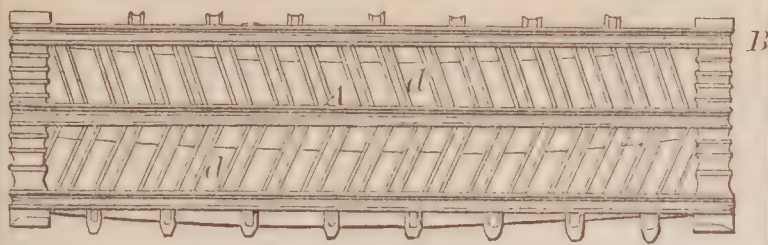
80841—W. Stark—*Potato Digger.*



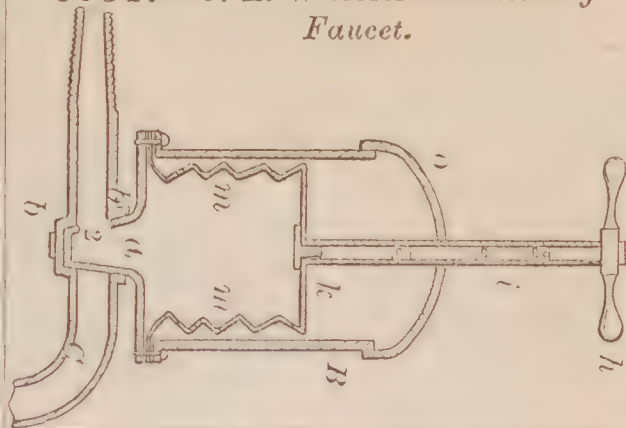
80845—E. W. Waite—*Carriage Prop Joint.*



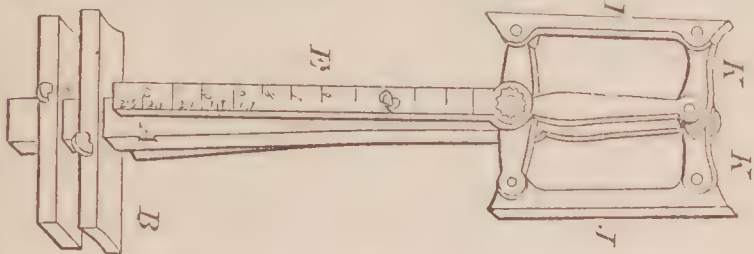
80844—J. Vandercar—*Fire Grate.*



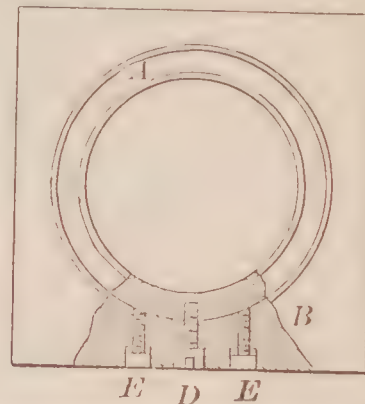
80847—O. L. Wheeler—*Measuring Faucet.*



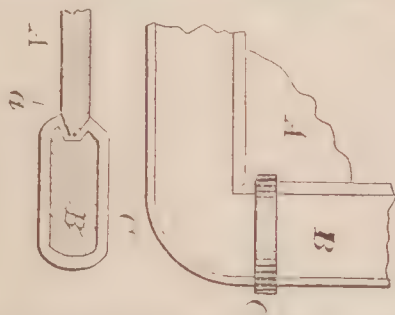
80848—S. Woodhull—*For Setting Axles of Wheels.*



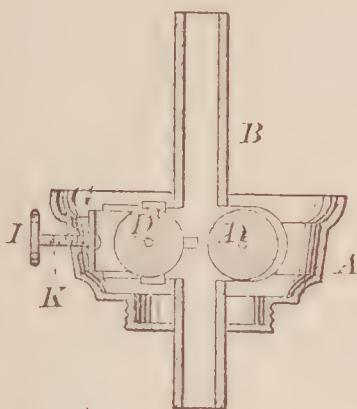
80849—J. Ashworth—*Ring Spinning Frame.*



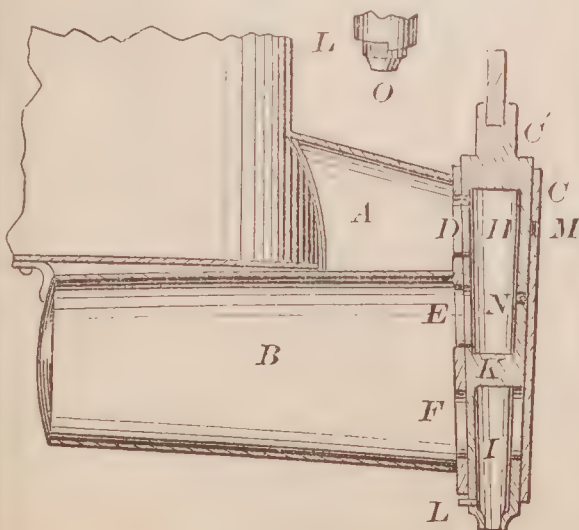
80846—C. Wendell—*Slate Frame.*



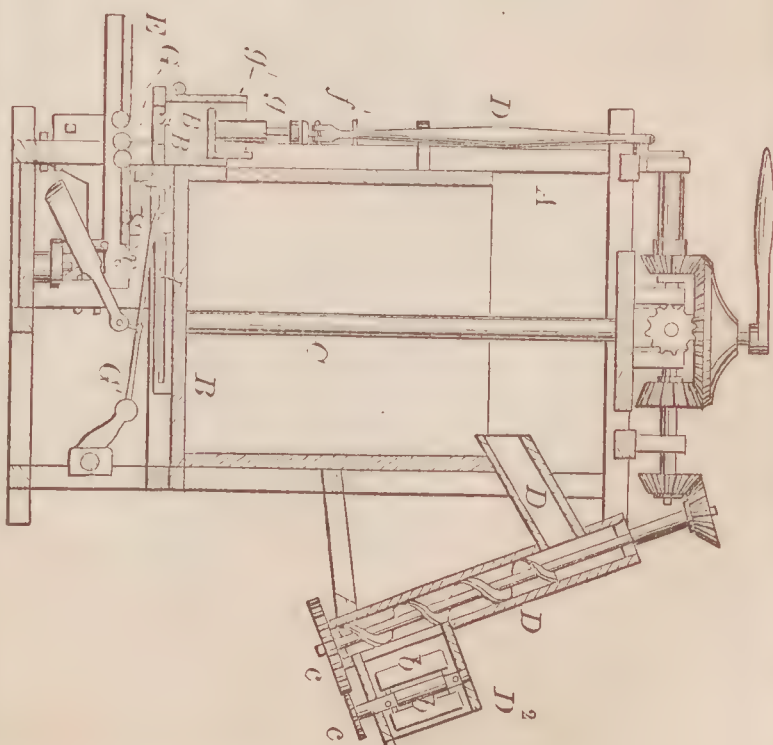
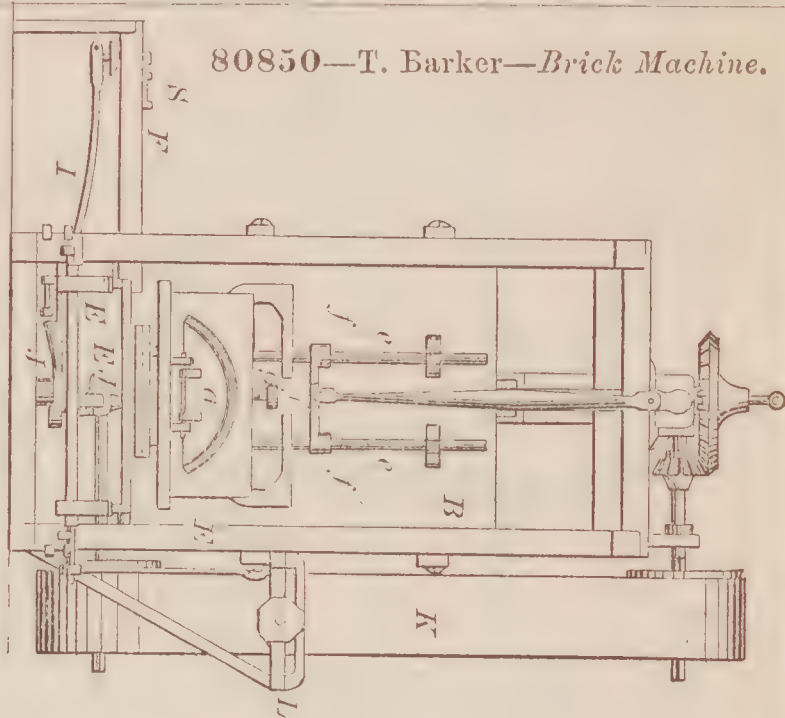
80851—Barson, Daniels & Farrell—*Lamp.*



80852—Blake & Colony—*Measuring Faucet.*

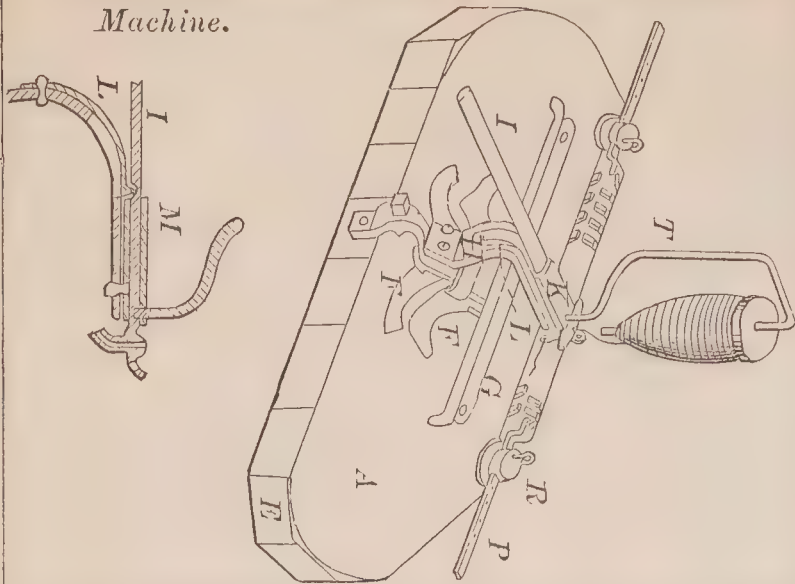


80850—T. Barker—*Brick Machine.*

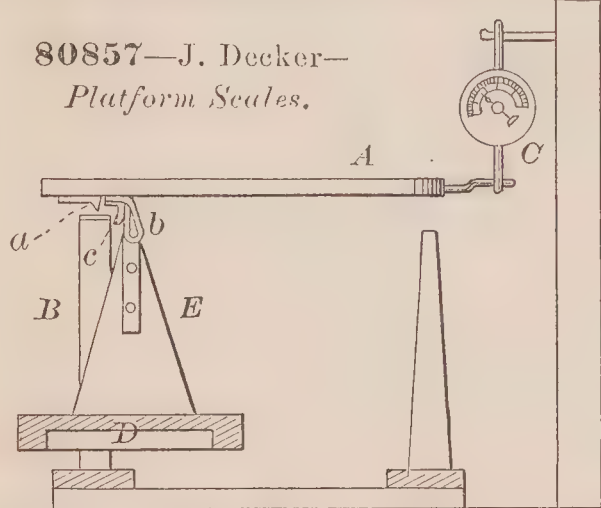




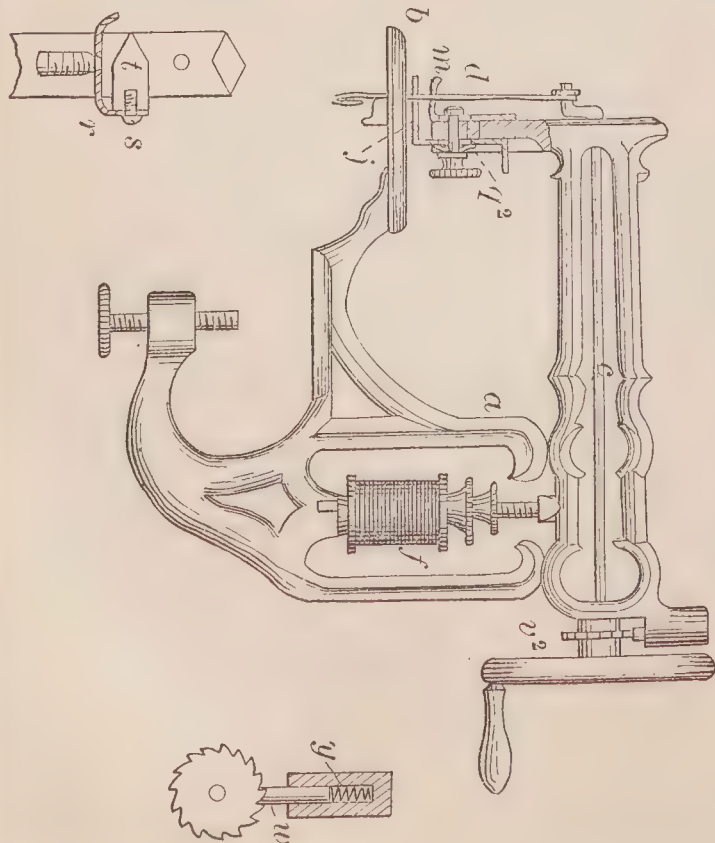
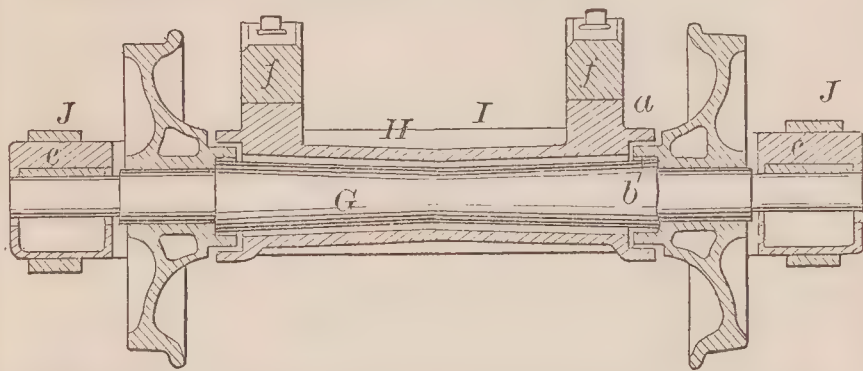
80853—Blakeslee, Davis & Beecher—*Knitting Machine.*



80857—J. Decker—*Platform Scales.*

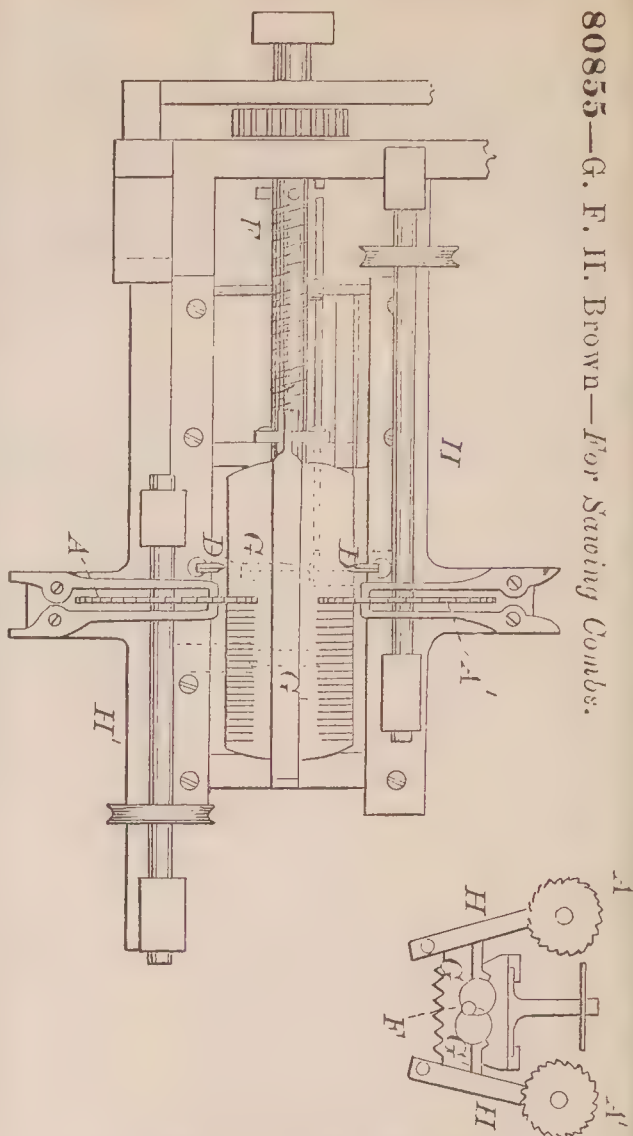


80858—J. H. Densmore—*Car Truck.*

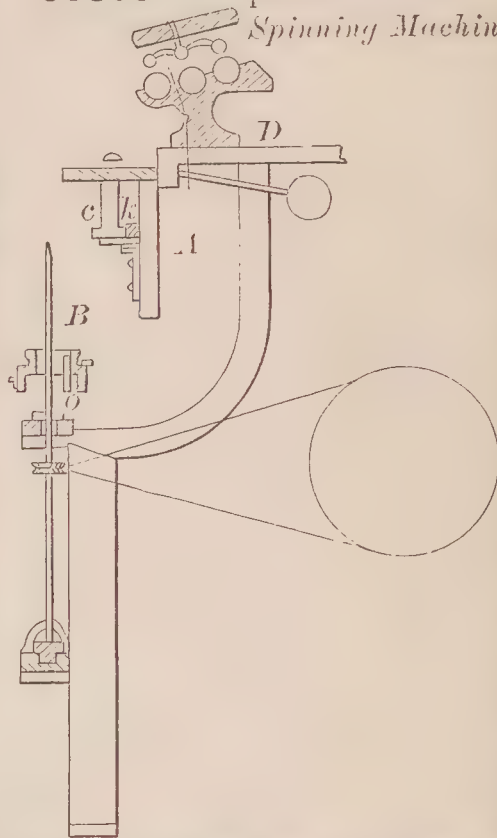


80861—Fox & Hubbard—*Sewing Machine.*

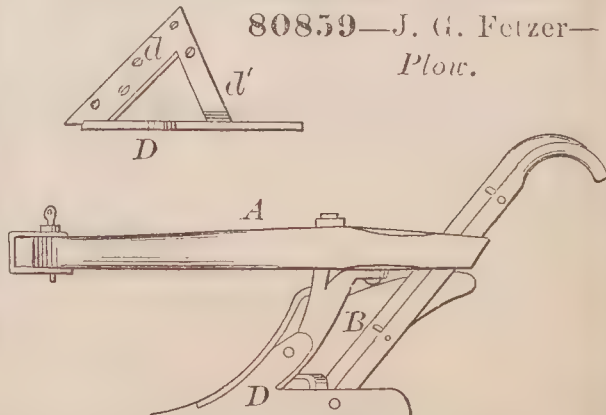
80855—G. F. H. Brown—*For Stewing Combs.*



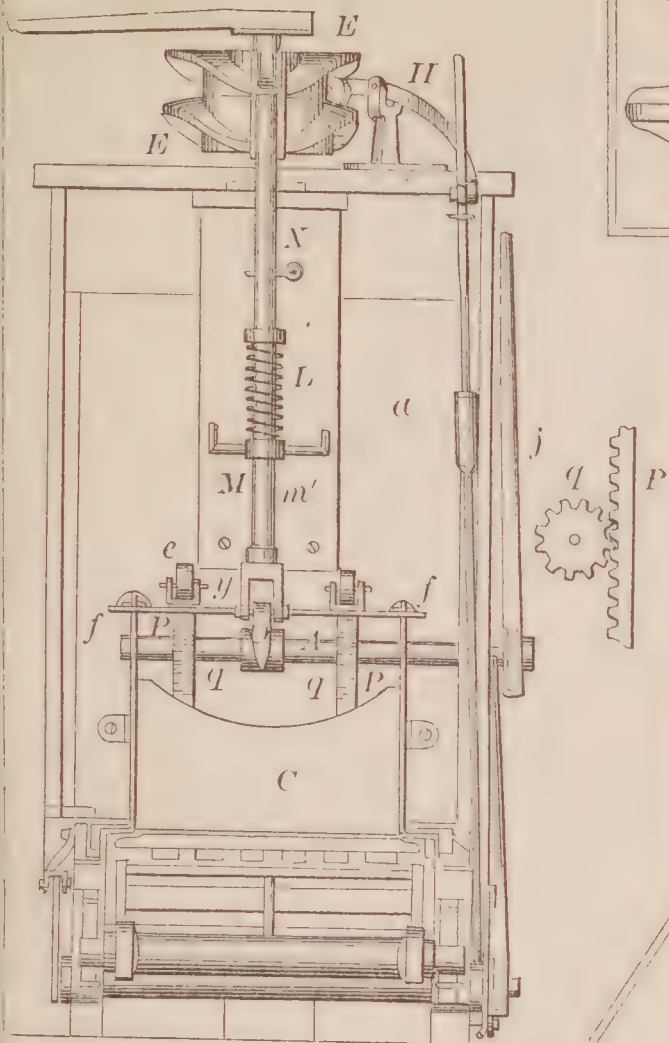
80863—Hooper & Arnold—*Spinning Machine.*



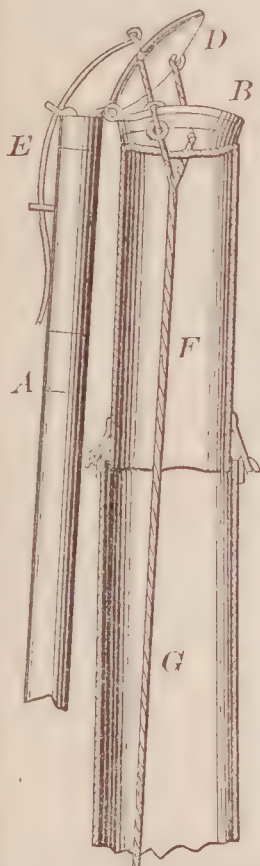
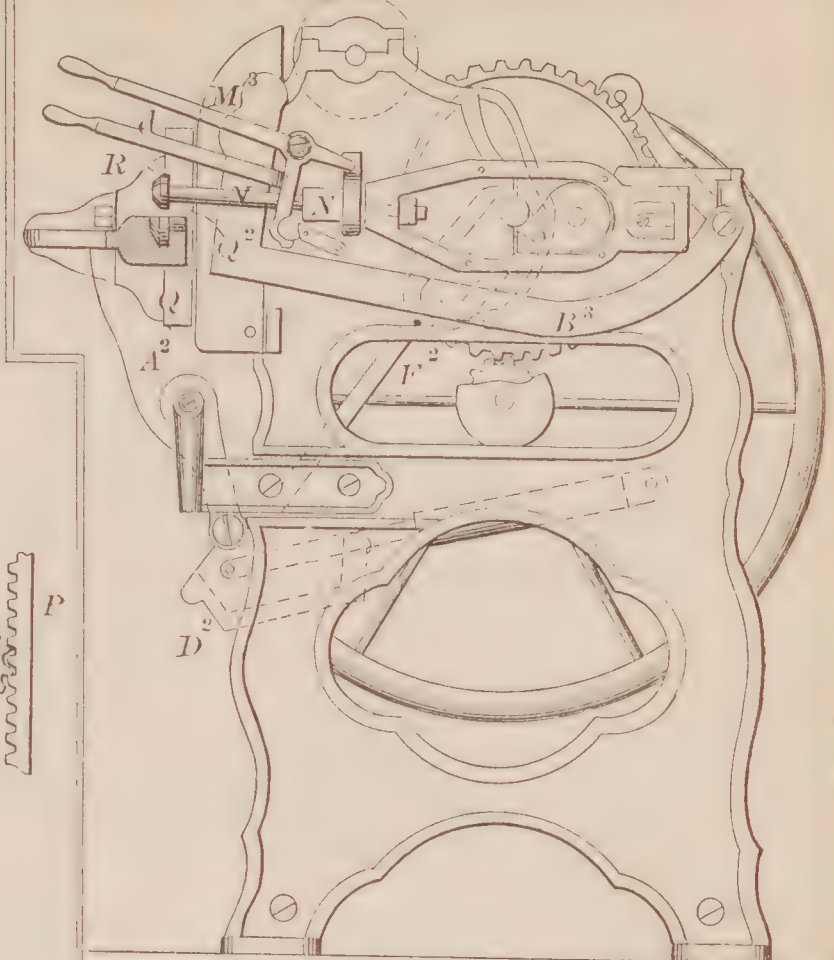
80859—J. G. Fetzer—*Plow.*



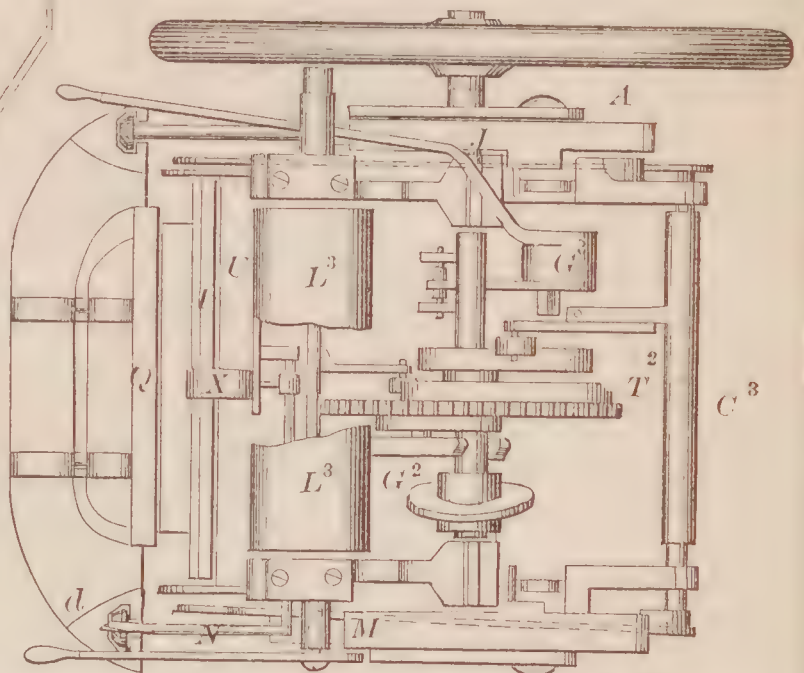
80862—F. E. Frey—Brick Machine.



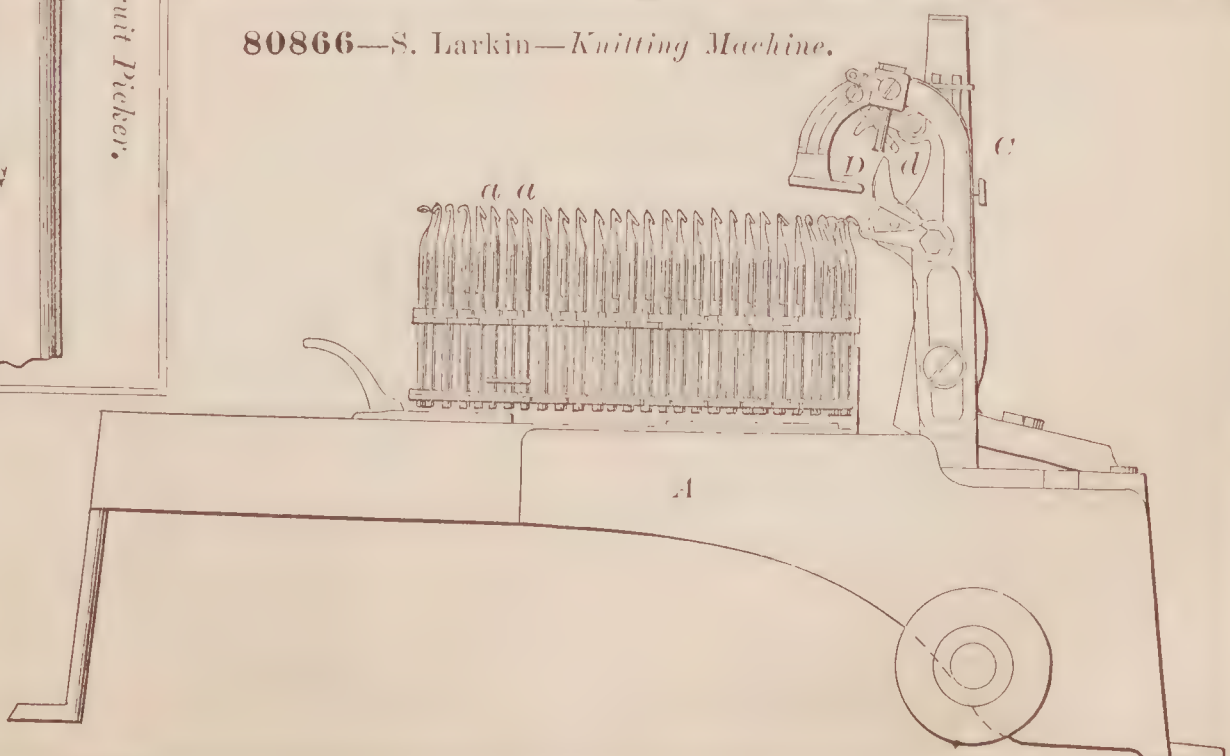
80865—J. M. Jones—Printing Press.



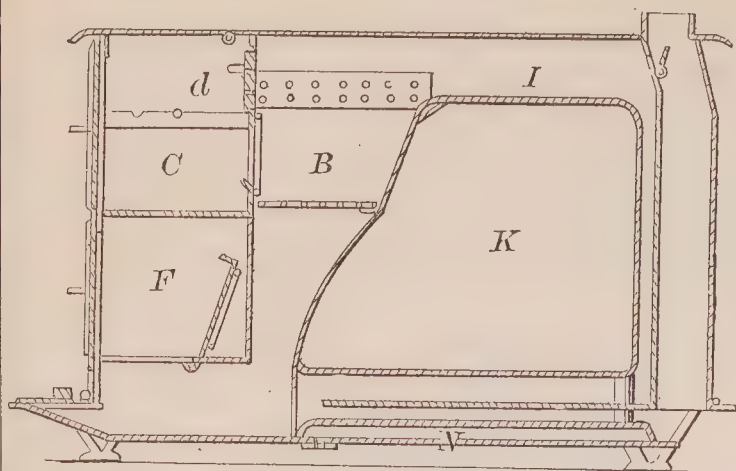
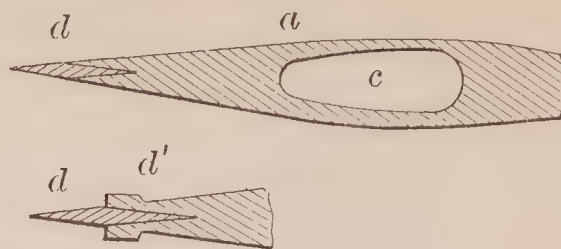
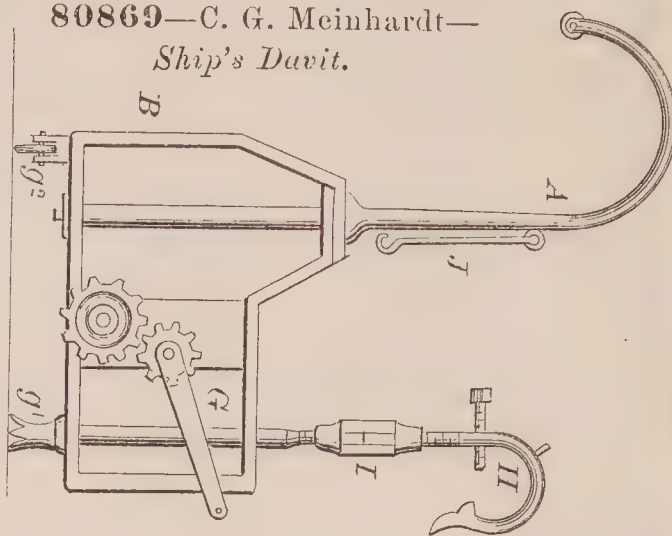
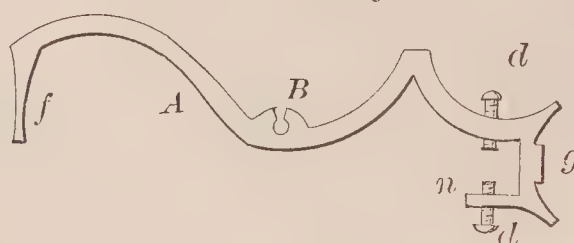
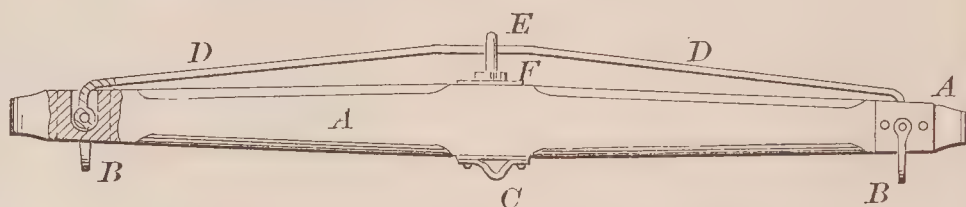
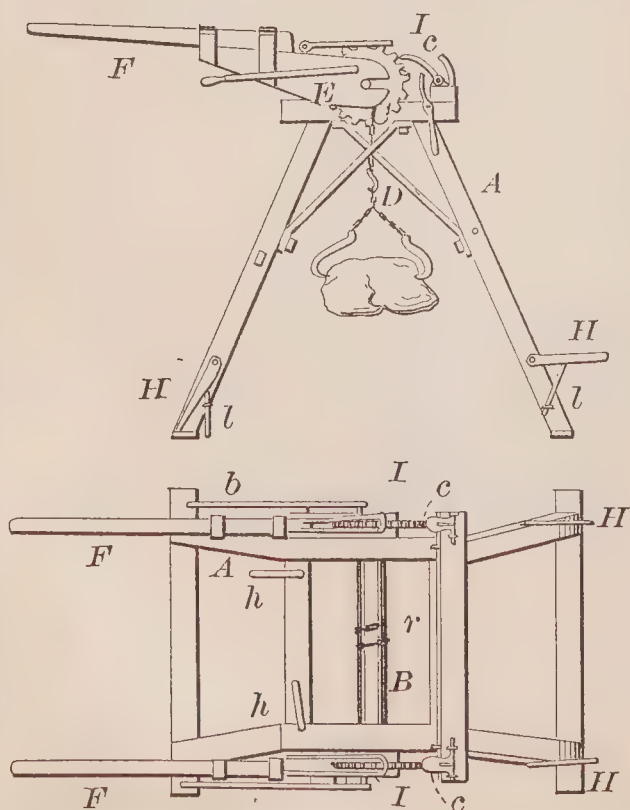
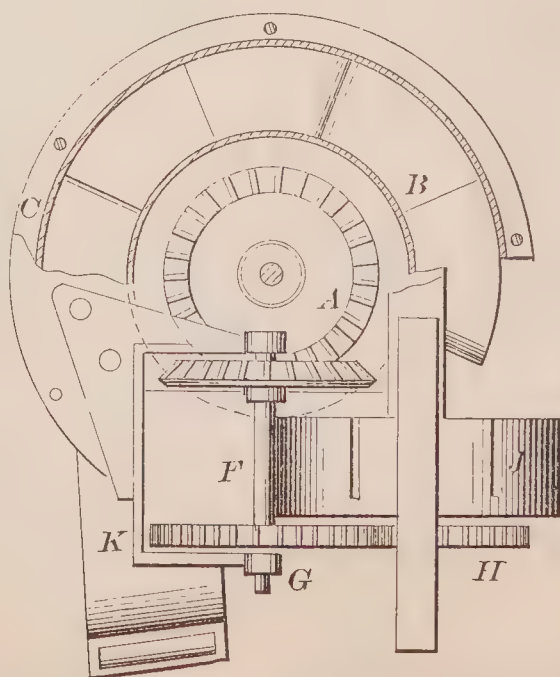
80864—N. G. Hughes—Fruit Picker.



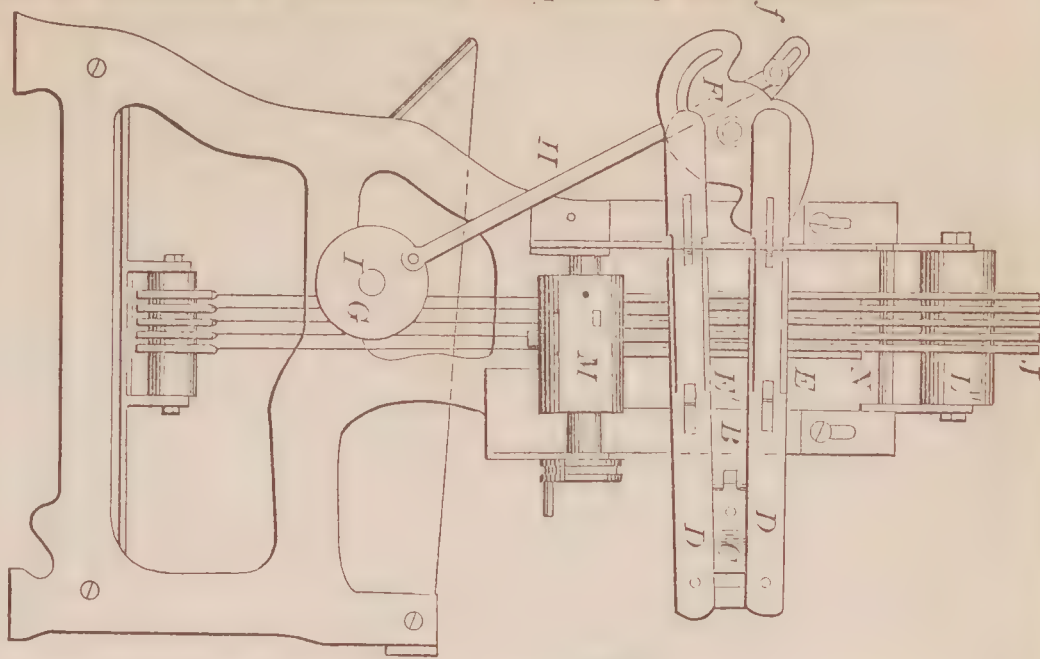
80866—S. Larkin—Knitting Machine.



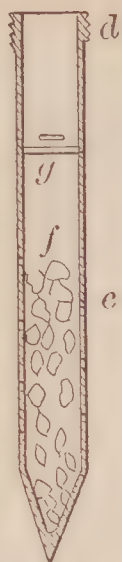


80867—J. Magee—*Cooking Stove.*80868—E. H. Meigs—*Hand Axe.*80869—C. G. Meinhardt—*Ship's Davit.*80871—Noyes & Baker—*Saw Set and Gauge.*80872—Palmer & Case—*Doubletree.*80873—I. Pardee—*Stump Machine.*80874—O. M. Pike—*Water Wheel.*

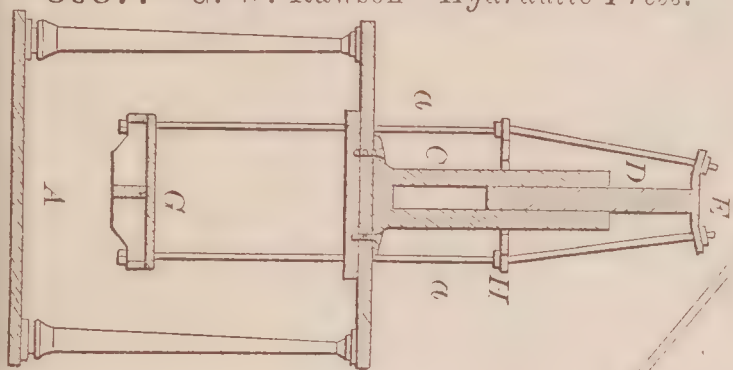
80876 -Plummer & Schofield—For Operating Harness in Looms.



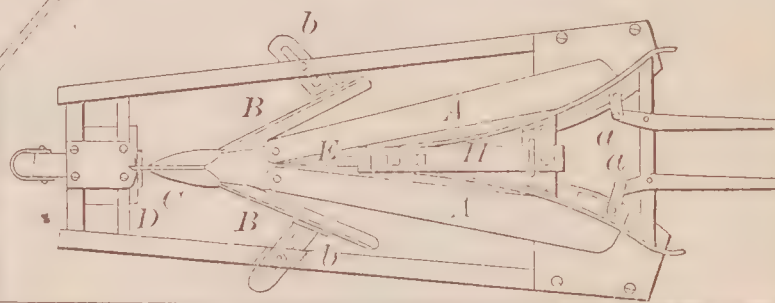
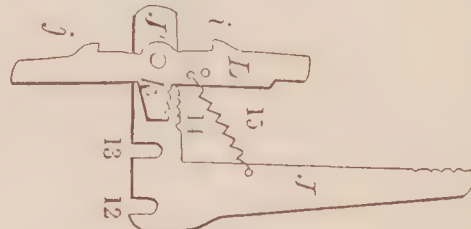
80875—E. A. & G. Platt—Well Tube.



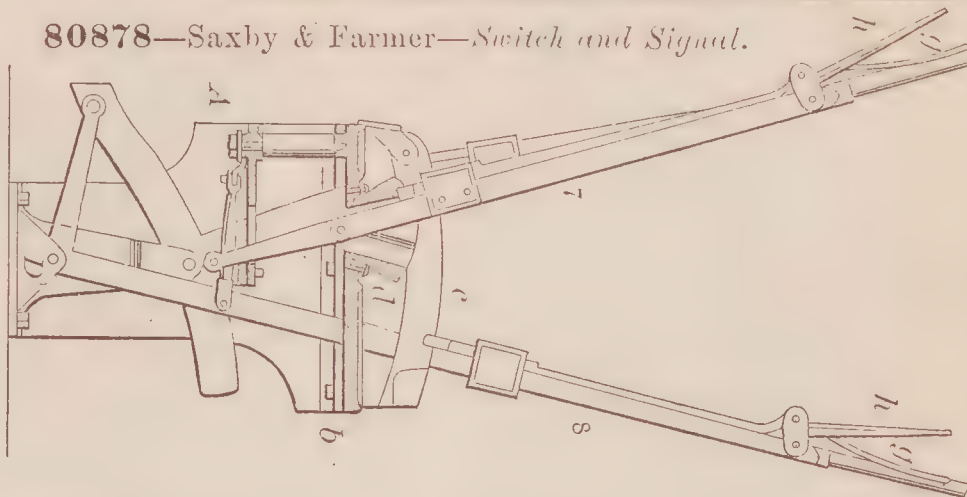
80877—G. W. Rawson—Hydraulic Press.



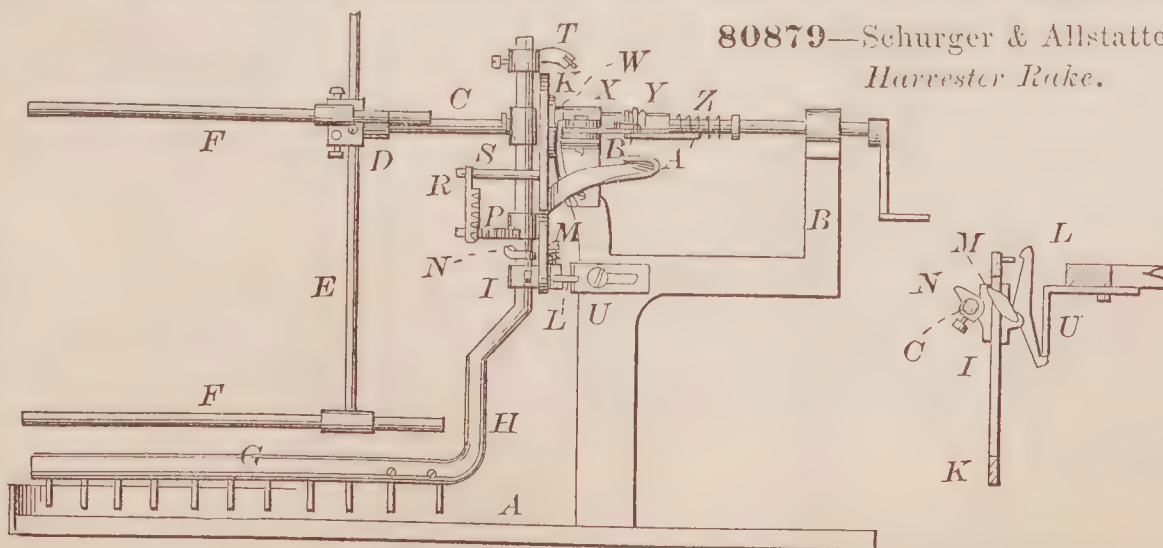
80880—Smith & Buckley—For Cutting Ditches.



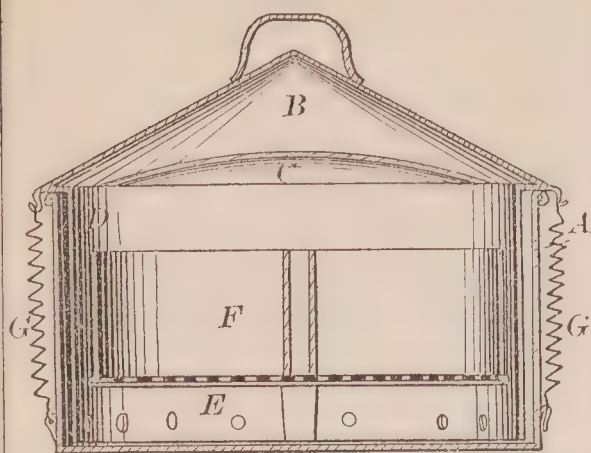
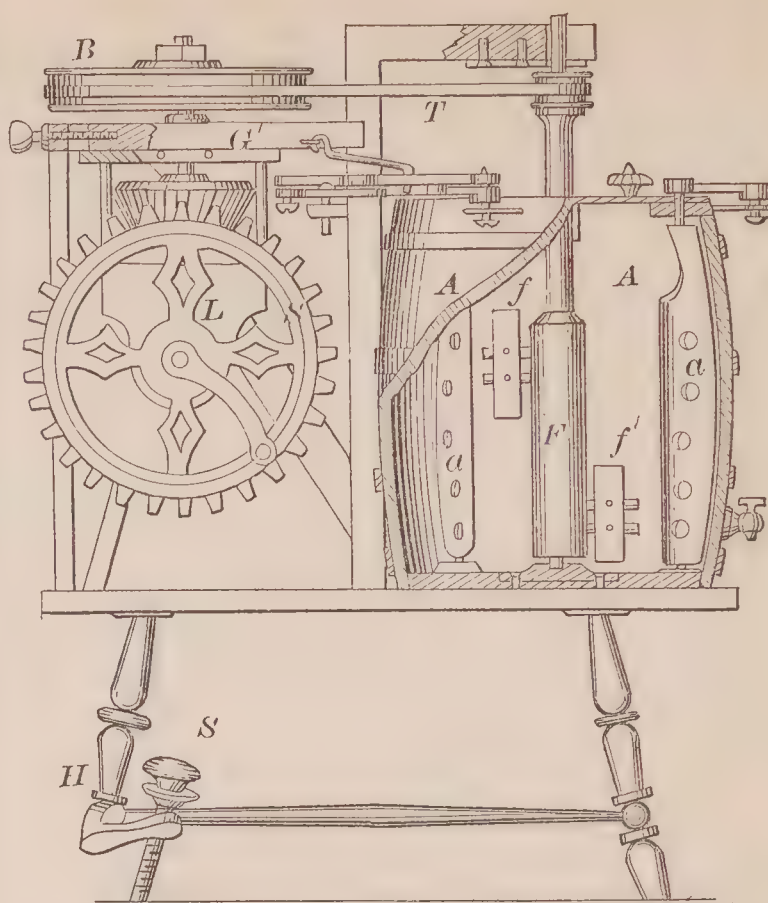
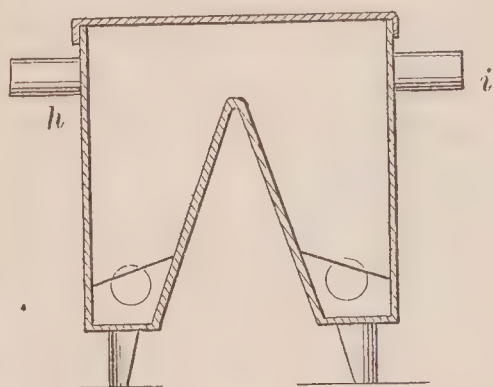
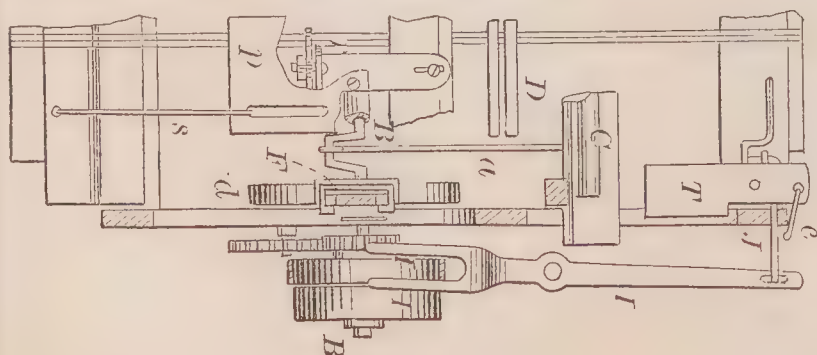
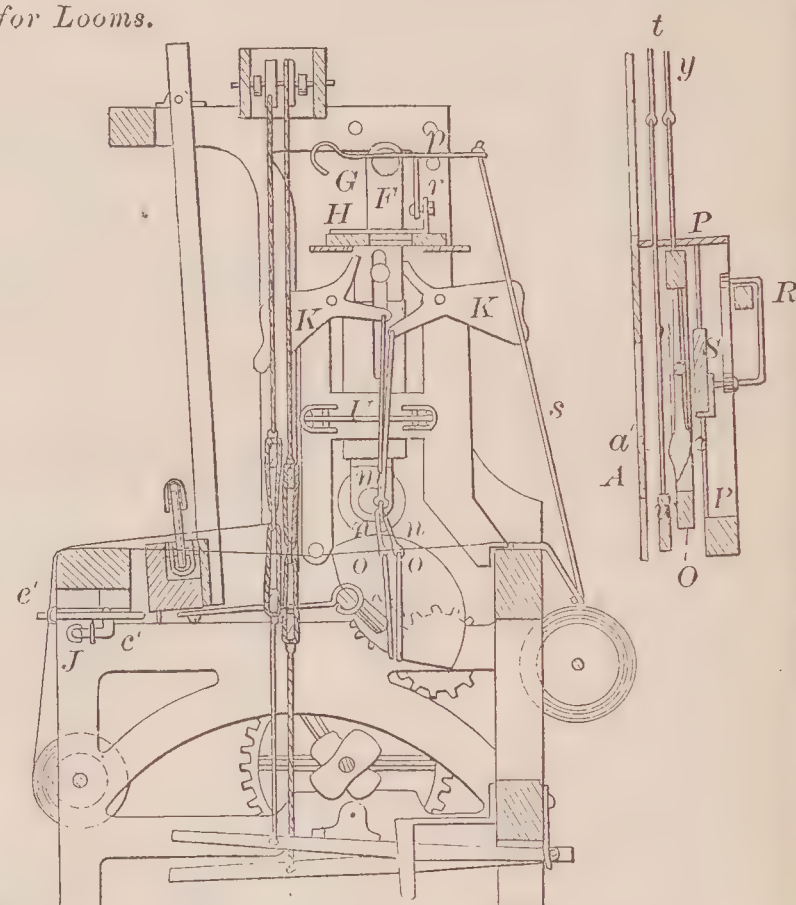
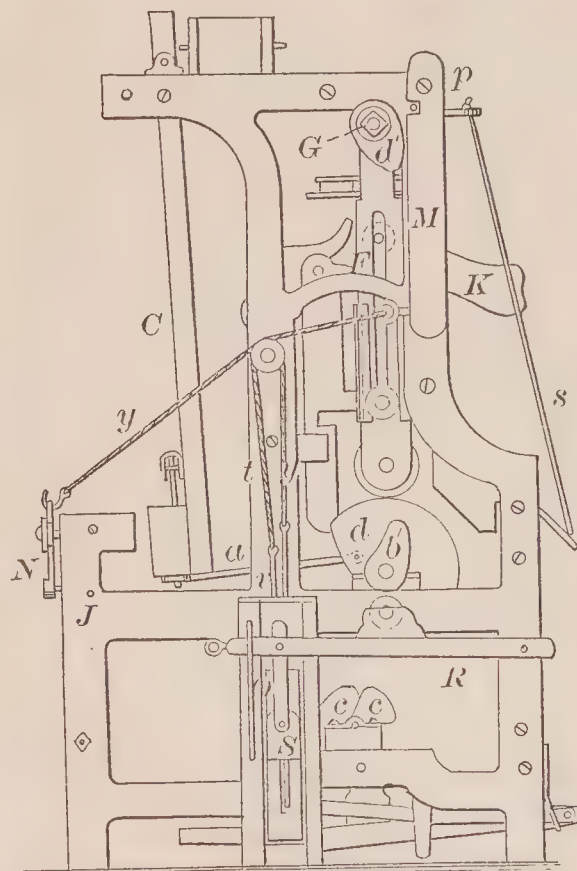
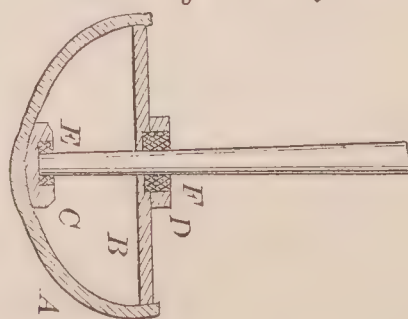
80878—Saxby & Farmer—Switch and Signal.



80879—Schurger & Allstatter—Harvester Rake.

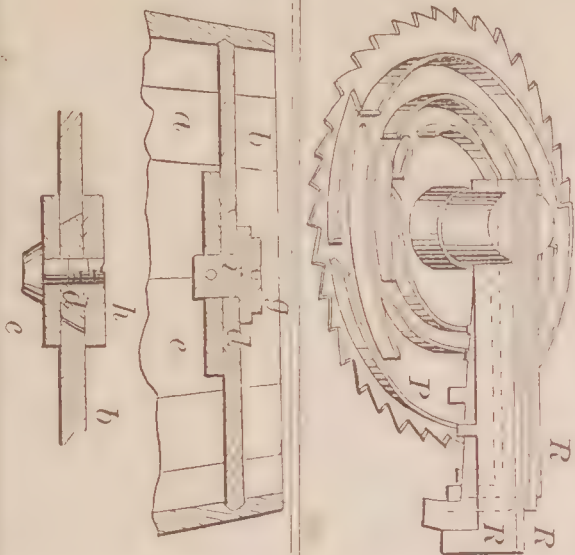




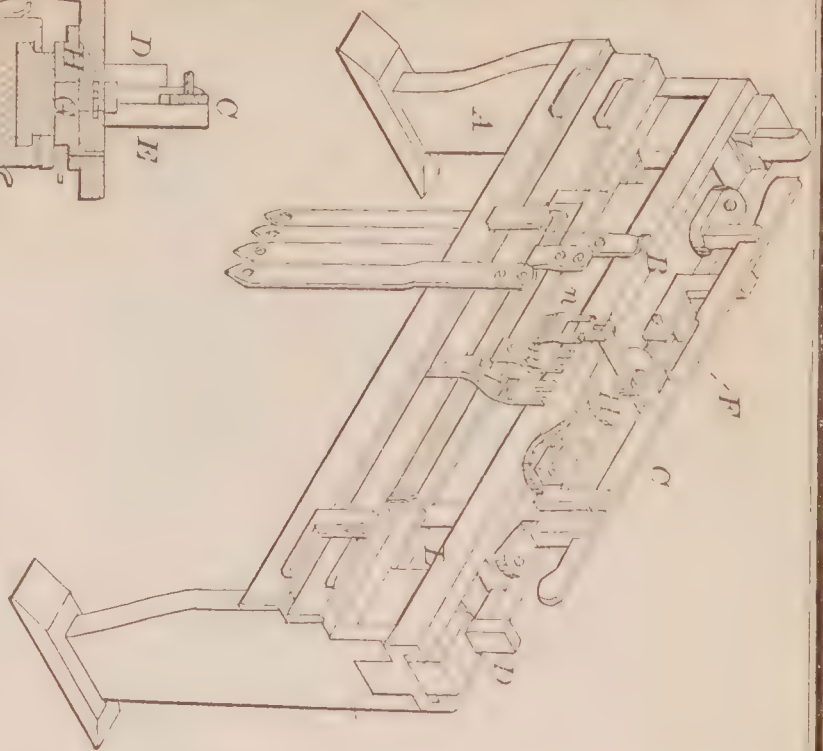
80881—Smith & Hall—*Cooking Utensil.*80882—Stadler & Streng—*Churn.*80883—W. Steffe—*Radiator.*80885—J. J. Switzer—*Stop Motion for Looms.*80884—Stevens & Snedecor—*Securing Masts of Vessels.*

80886—

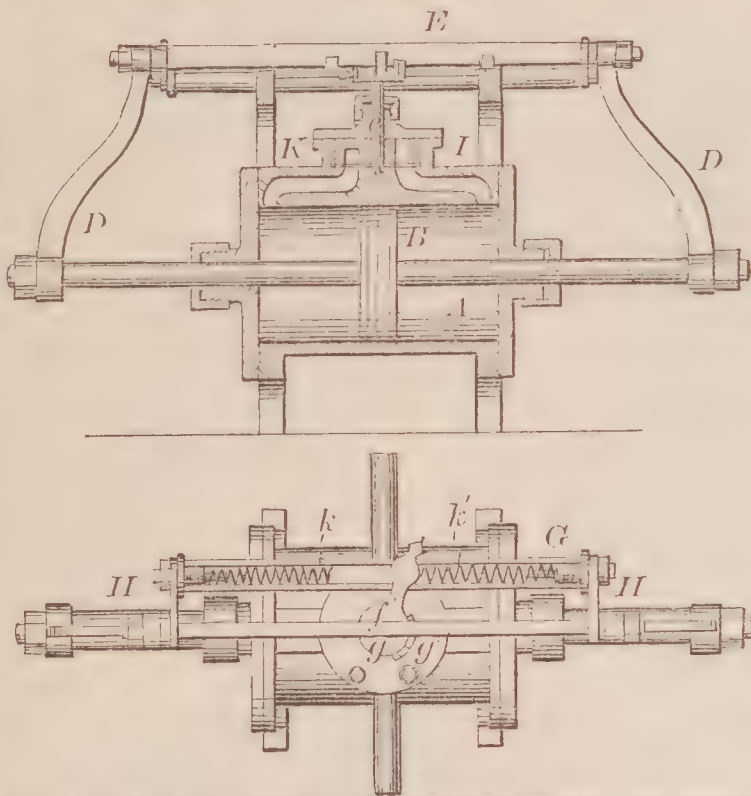
M. L. Thompson—*Barrel Head.*



80887—J. Waldie—*Knitting Machine.*



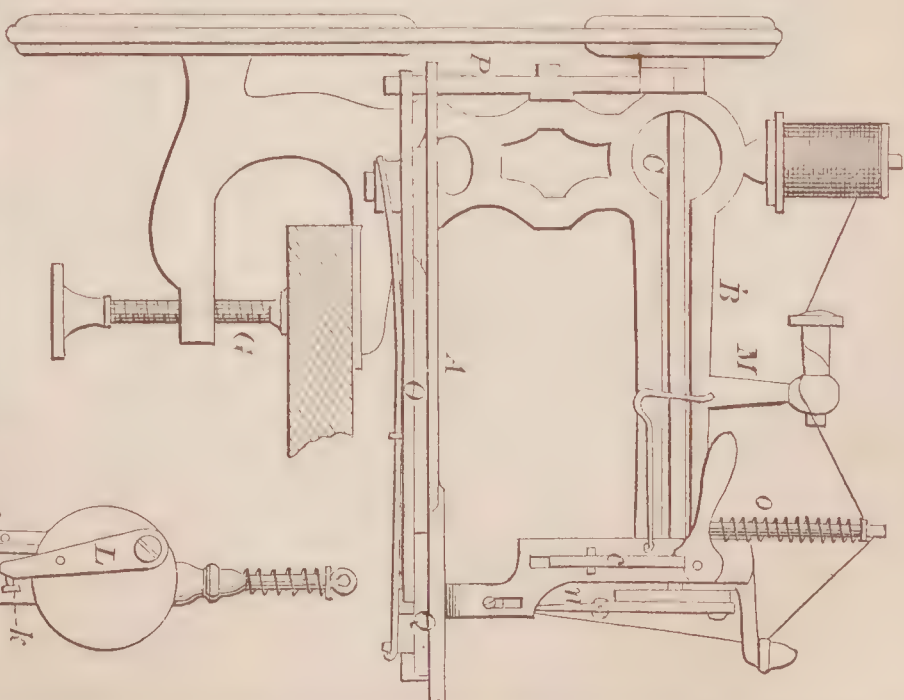
80888—J. D. Weaver—*Spirit Meter.*



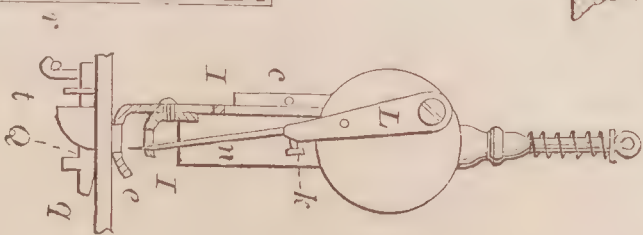
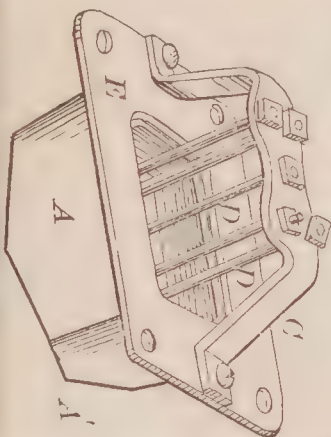
80891—G. D. Abbott—*Globe.*



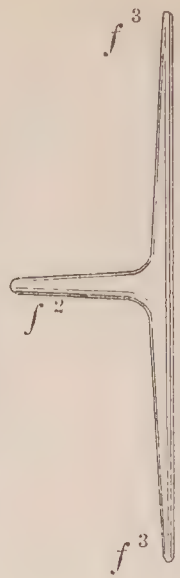
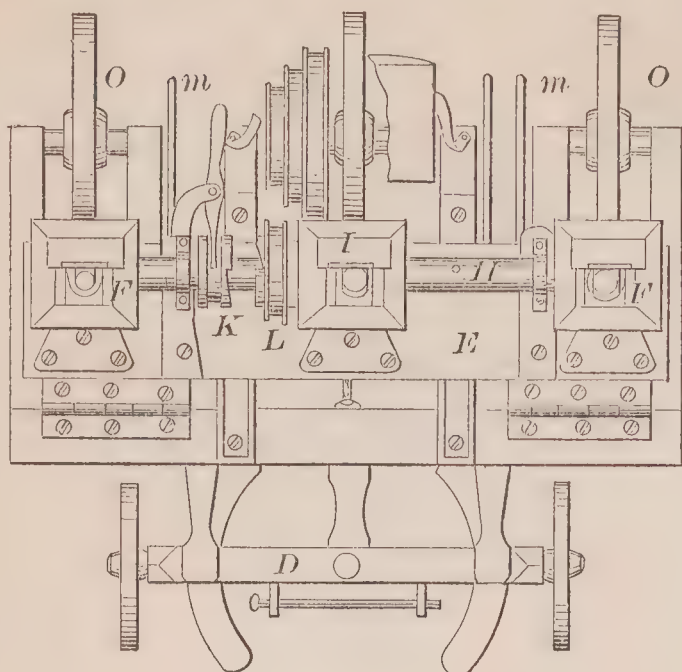
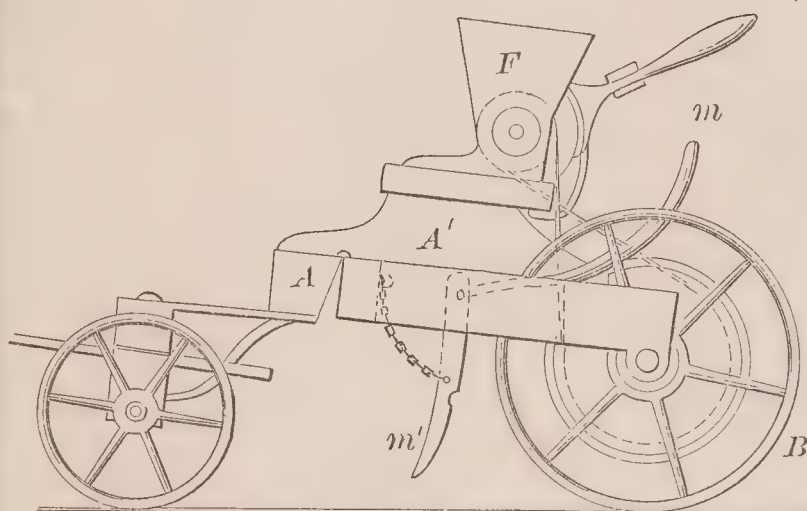
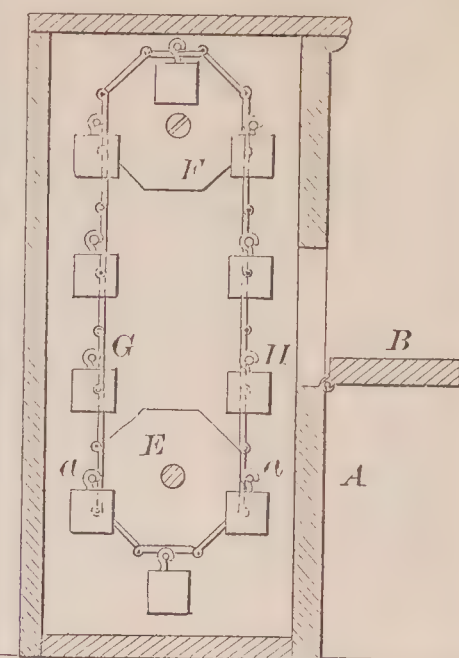
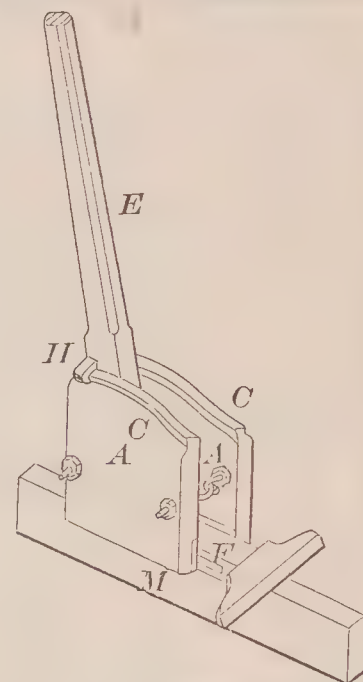
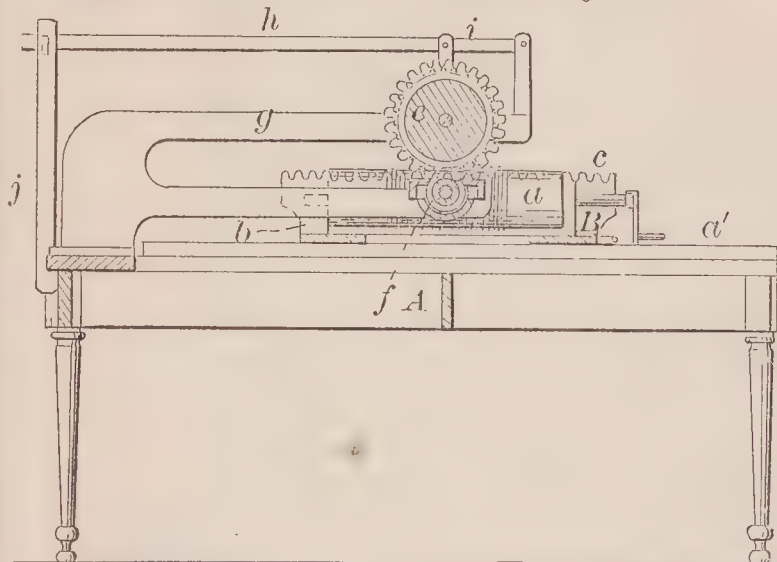
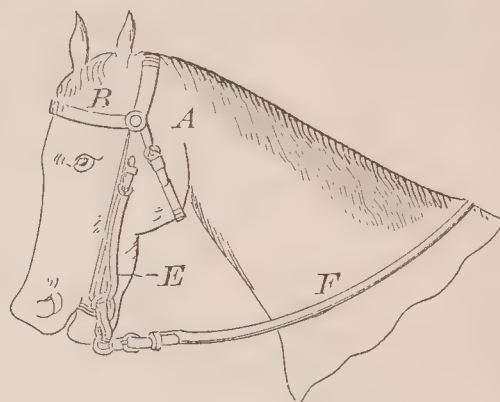
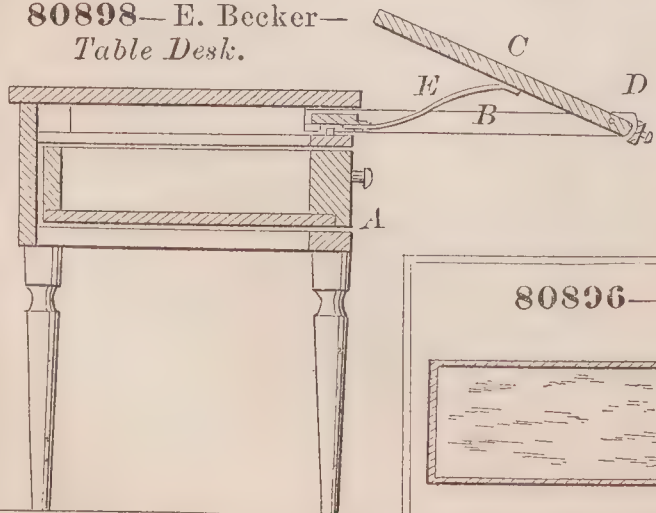
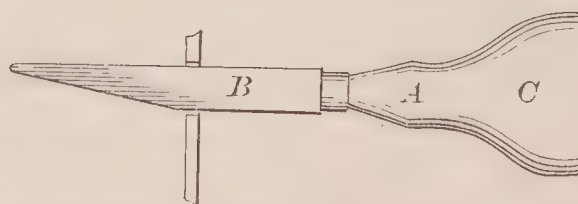
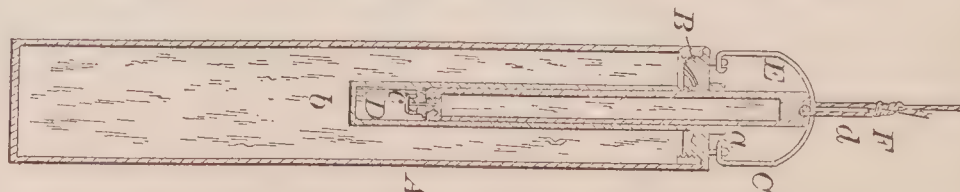
80889—W. C. Willmarth—*Sewing Machine.*



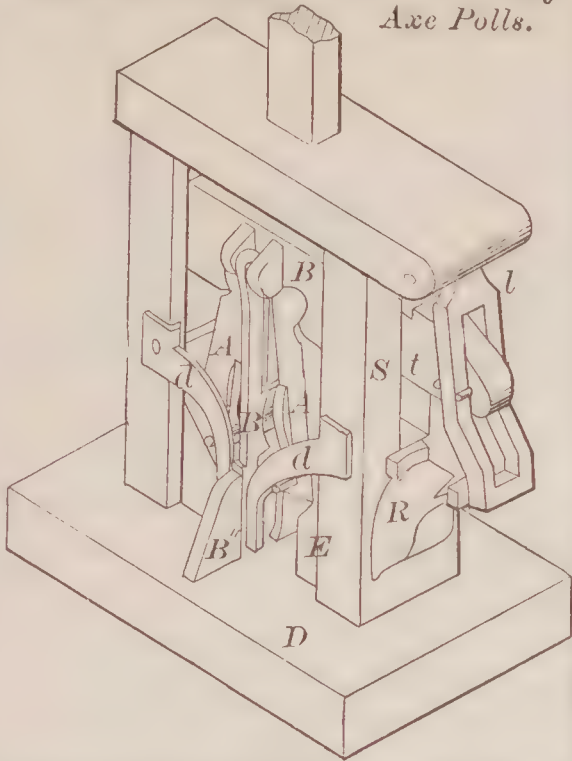
80890—P. N. Wolston—*Brick Machine.*



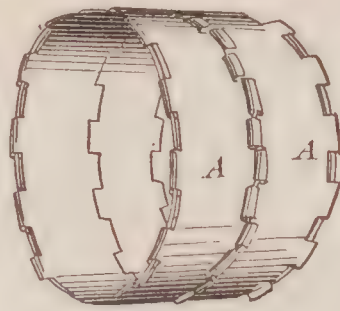


80892—H. C. Ackerman—*Corn Planter.*80893—E. Ale—*Secretary.*80894—A. Anderson—*Clamp.*80895—C. F. Austel—*For Printing Yarn.*80897—G. W. Barnes—*Bridle.*80898—E. Becker—*Table Desk.*80899—H. Blake—*Belt Knife.*80896—A. T. Ballantine—*Torpedo for Oil Wells.*

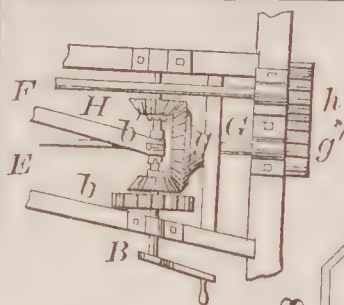
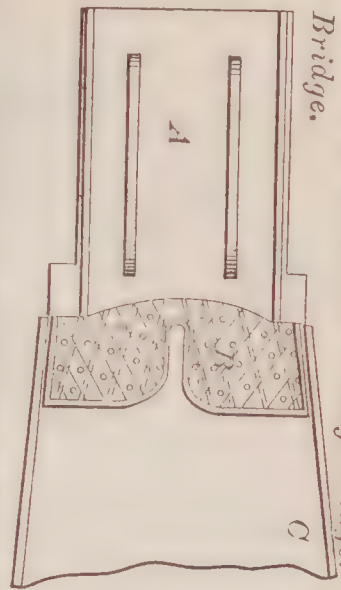
80900—R. Blake—*For Punching  
Axe Polls.*



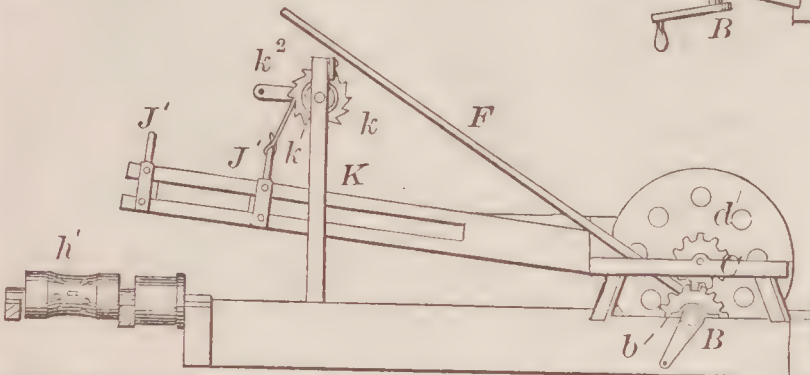
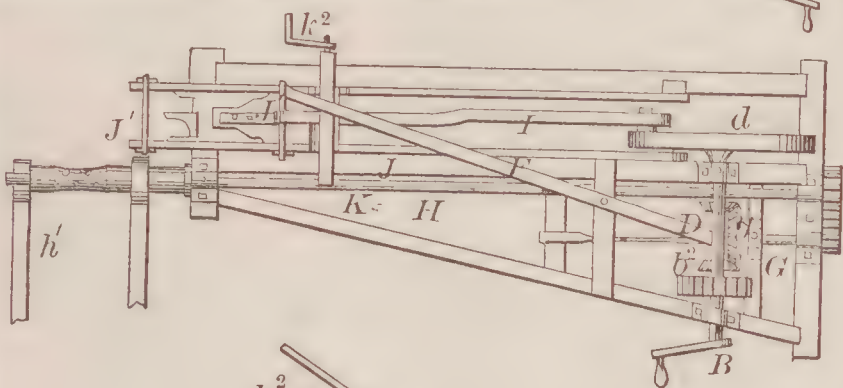
80901—A. O. Bourn—  
*Elbow Support for  
Flexible Hose.*



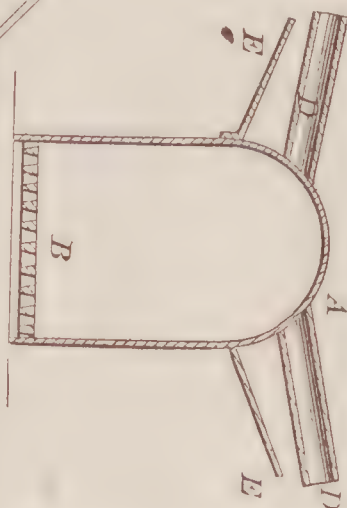
80902—J. S. Bradford—*Ferry Bridge.*



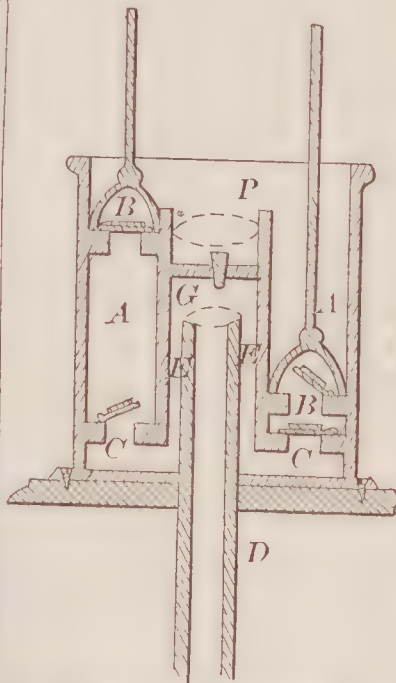
80903—J. Briggs—*Sawing Machine.*



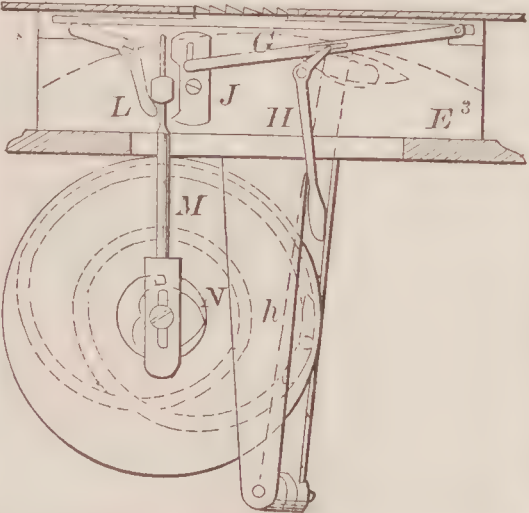
80906—N. W. Broome—*For  
Curing Tobacco.*



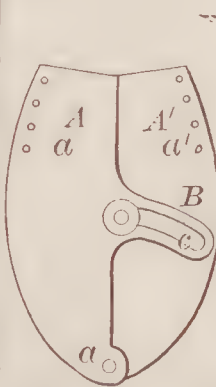
80905—J. Brokenshire—*Pump.*



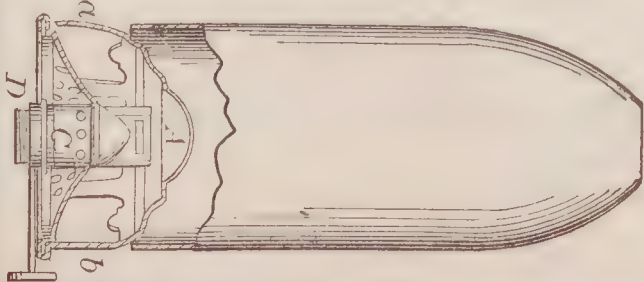
80907—A. R. & C. S. Byrkit—  
*Sewing Machine.*



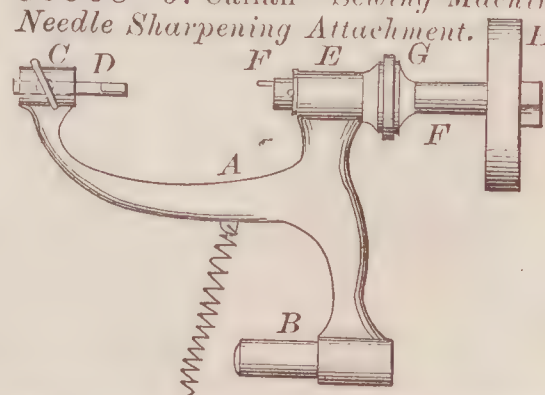
80904—J. Brobst—  
*Metallic Heel Pattern.*



80909—W. Carleton—*Lamp Burner.*

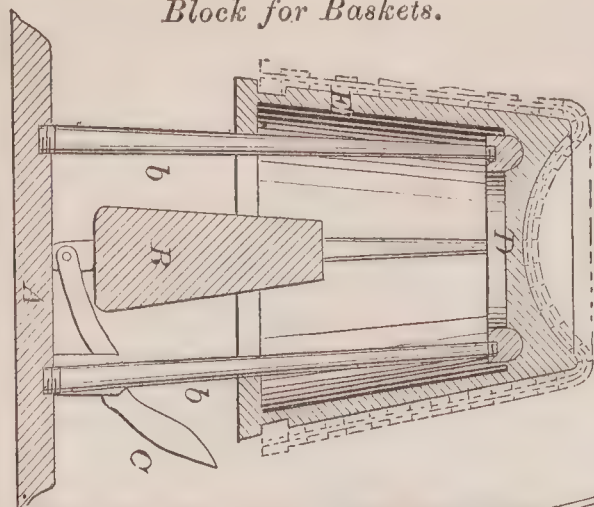


80908—J. Callan—*Sewing Machine  
Needle Sharpening Attachment.*

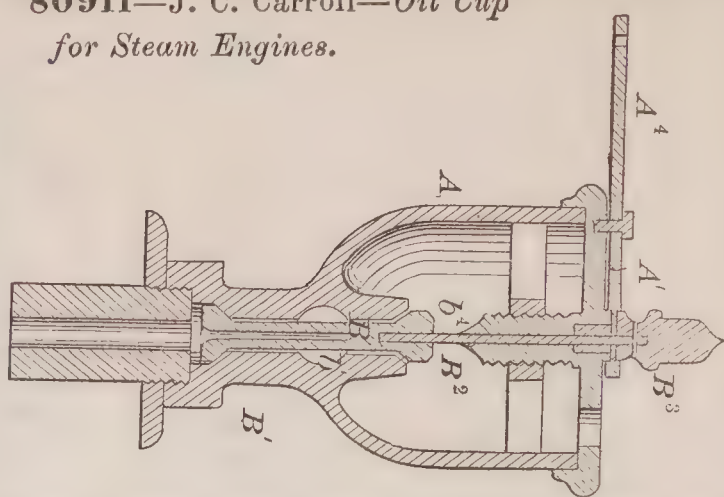




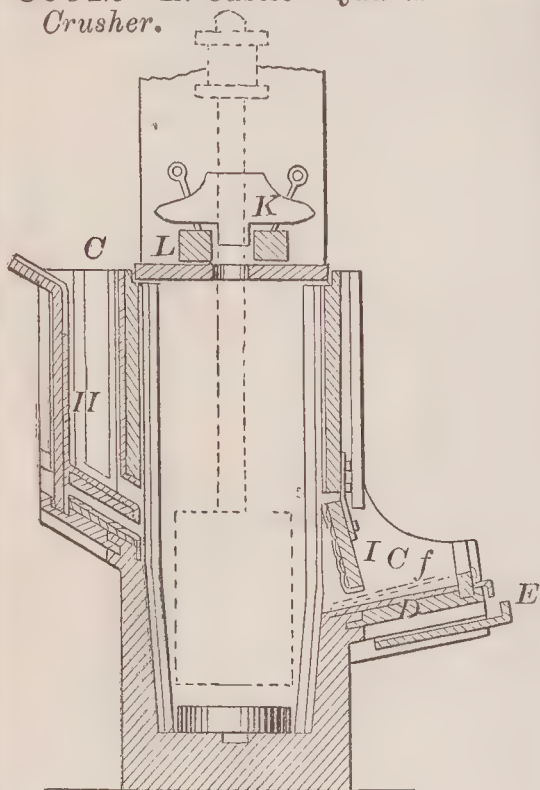
80910—W. H. Carpenter—*Form Block for Baskets.*



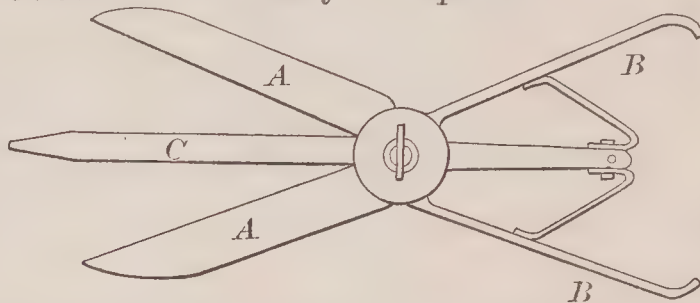
80911—J. C. Carroll—*Oil Cup for Steam Engines.*



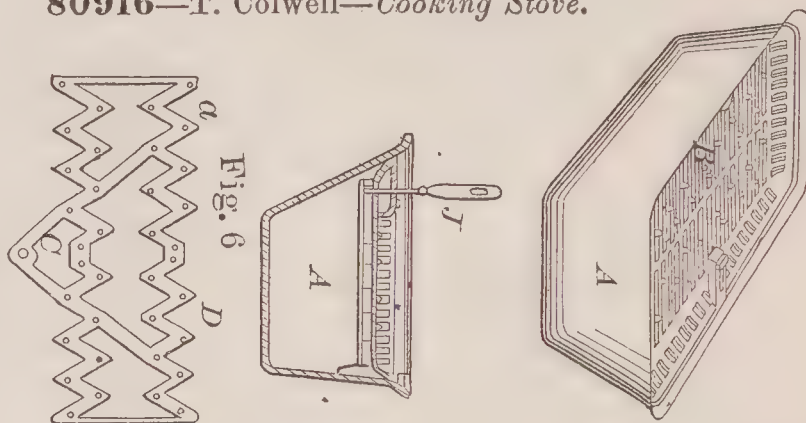
80912—E. Castle—*Quartz Crusher.*



80914—P. G. Claney—*Sheep Shears.*



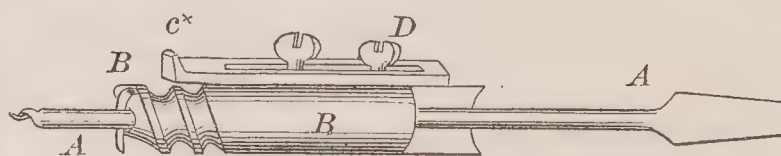
80916—T. Colwell—*Cooking Stove.*



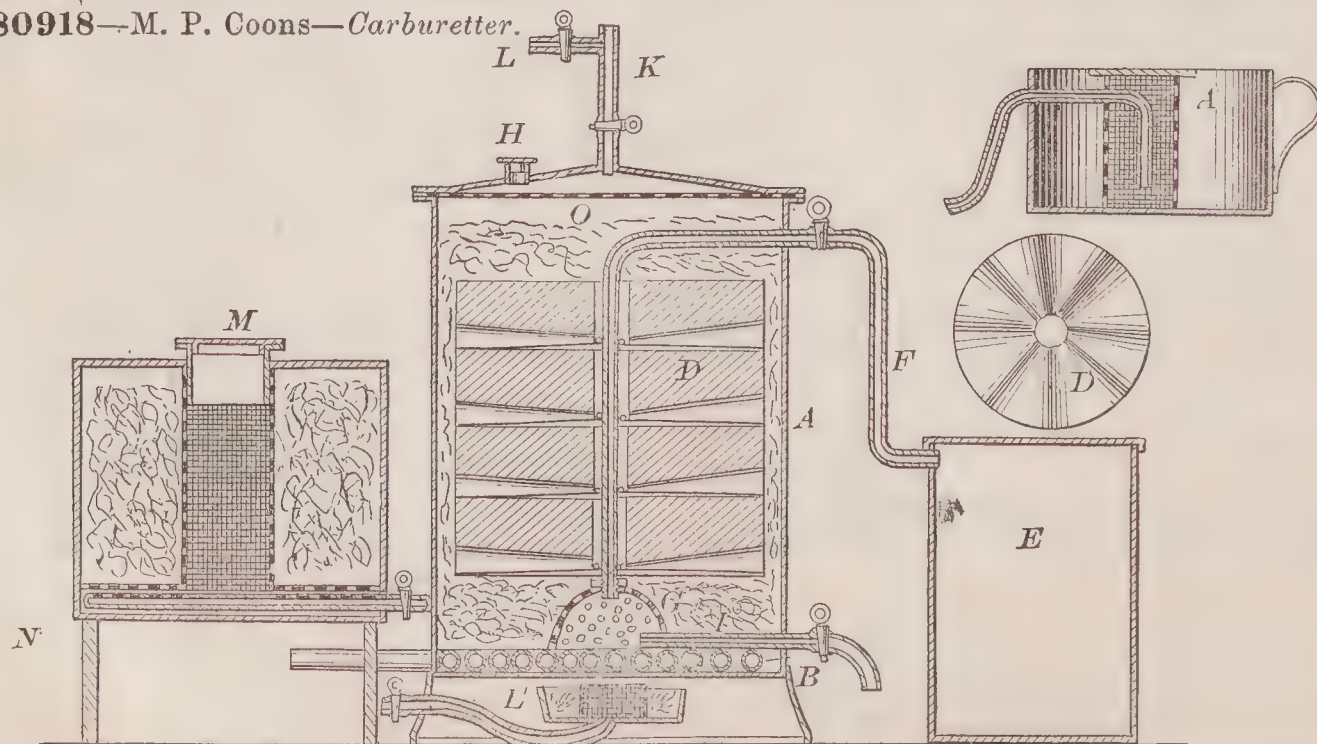
80913—G. W. Chipman—*Carpet Lining.*



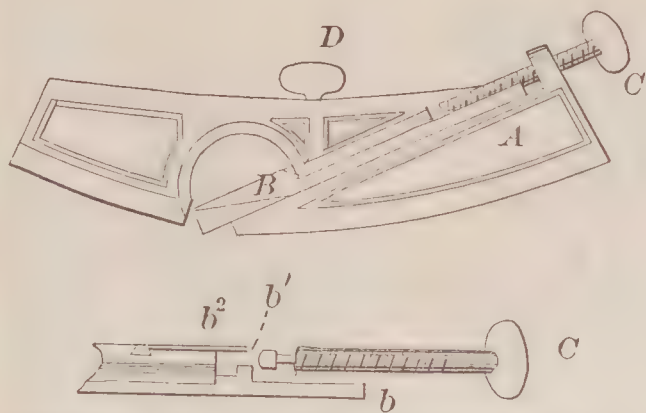
80915—L. Colt—*Auger.*



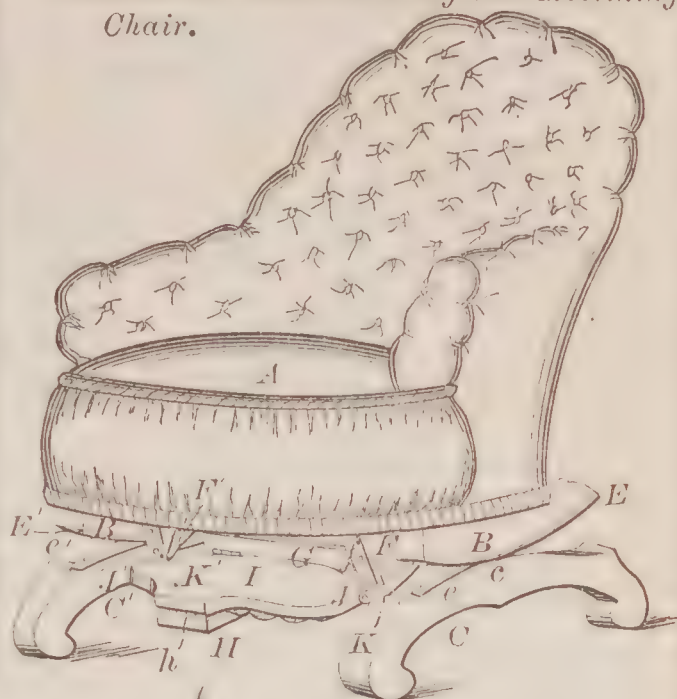
80918—M. P. Coons—*Carburetter.*



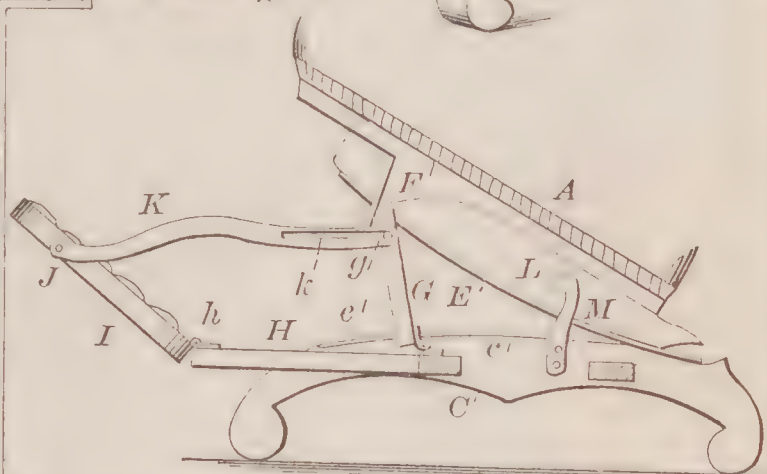
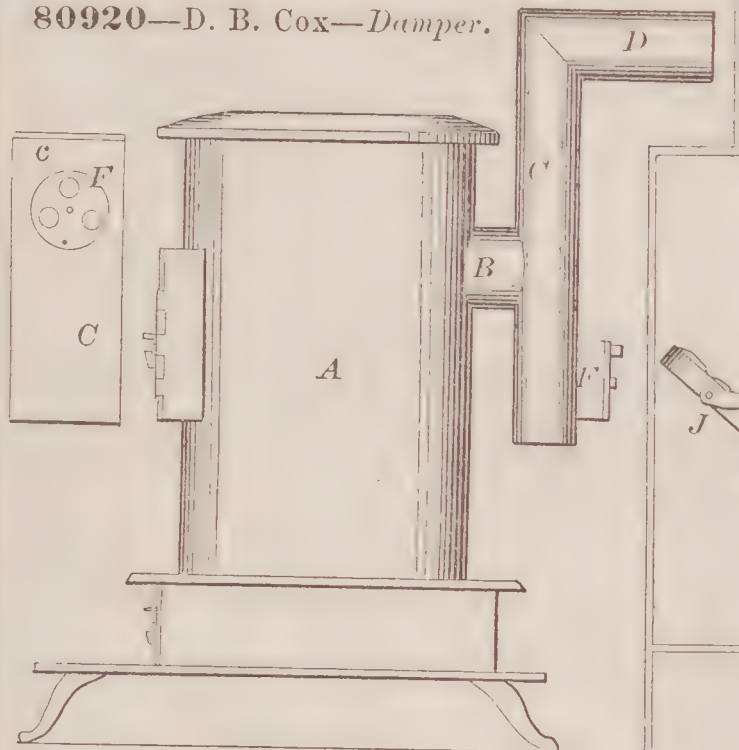
80917—C. O. Cook—*Coopers' Groze.*



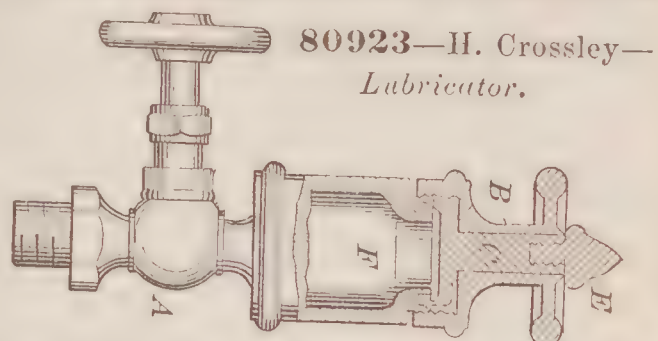
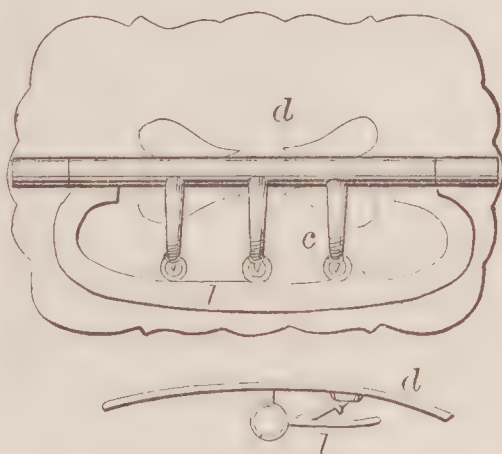
80919—D. Cox—*Rocking and Reclining Chair.*



80920—D. B. Cox—*Damper.*

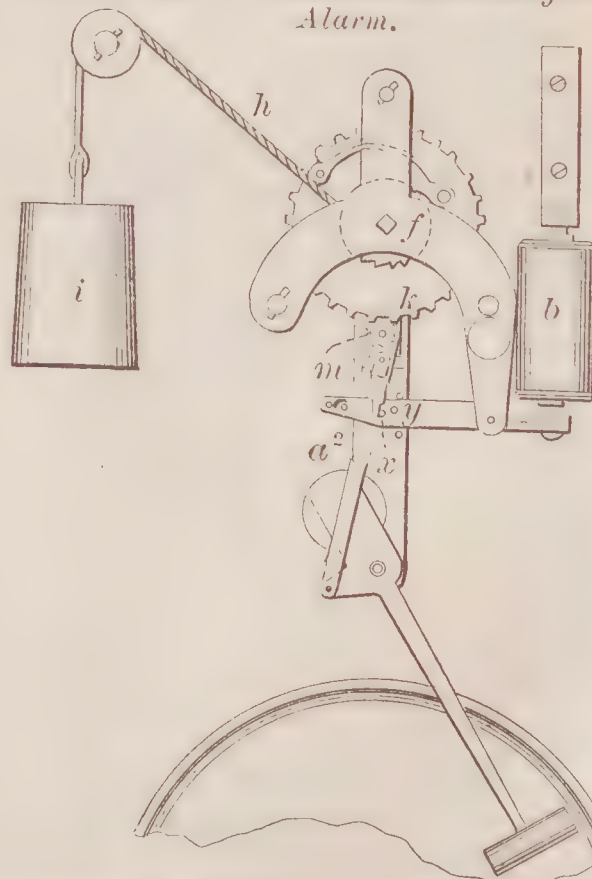


80924—W. Cummings—*Belt Buckle.*

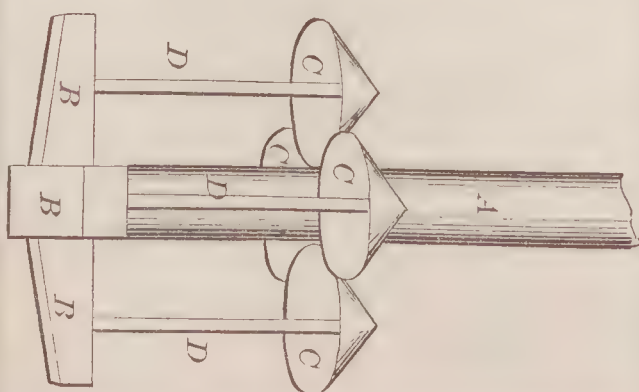


80923—H. Crossley—*Lubricator.*

80922—M. G. Crane—*Electro-Magnetic Alarm.*

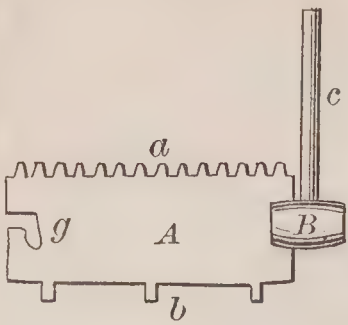


80921—H. A. Crance—*Churn Dasher.*

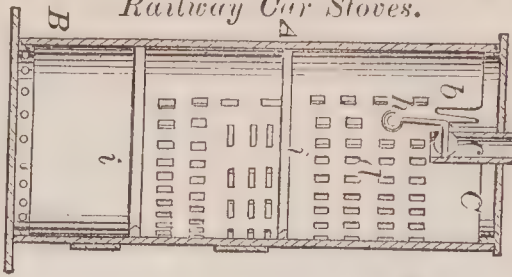




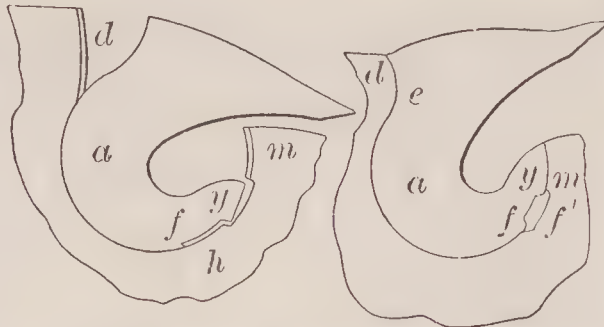
80925—S. G. Dare—*Carpet Stretcher.*



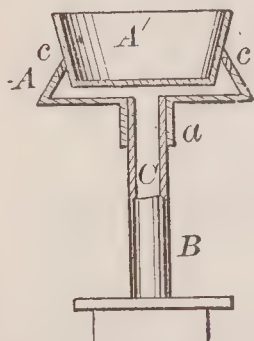
80927—S. L. Denney—*Casing for Railway Car Stoves.*



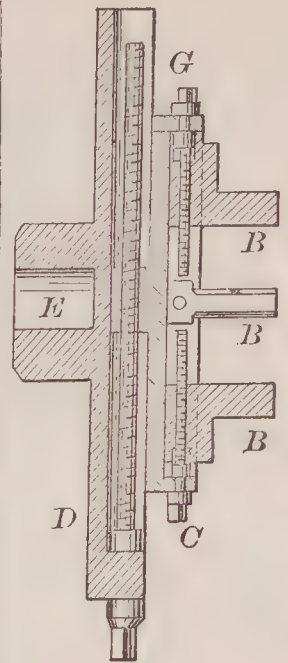
80929—C. Disston—*Saw.*



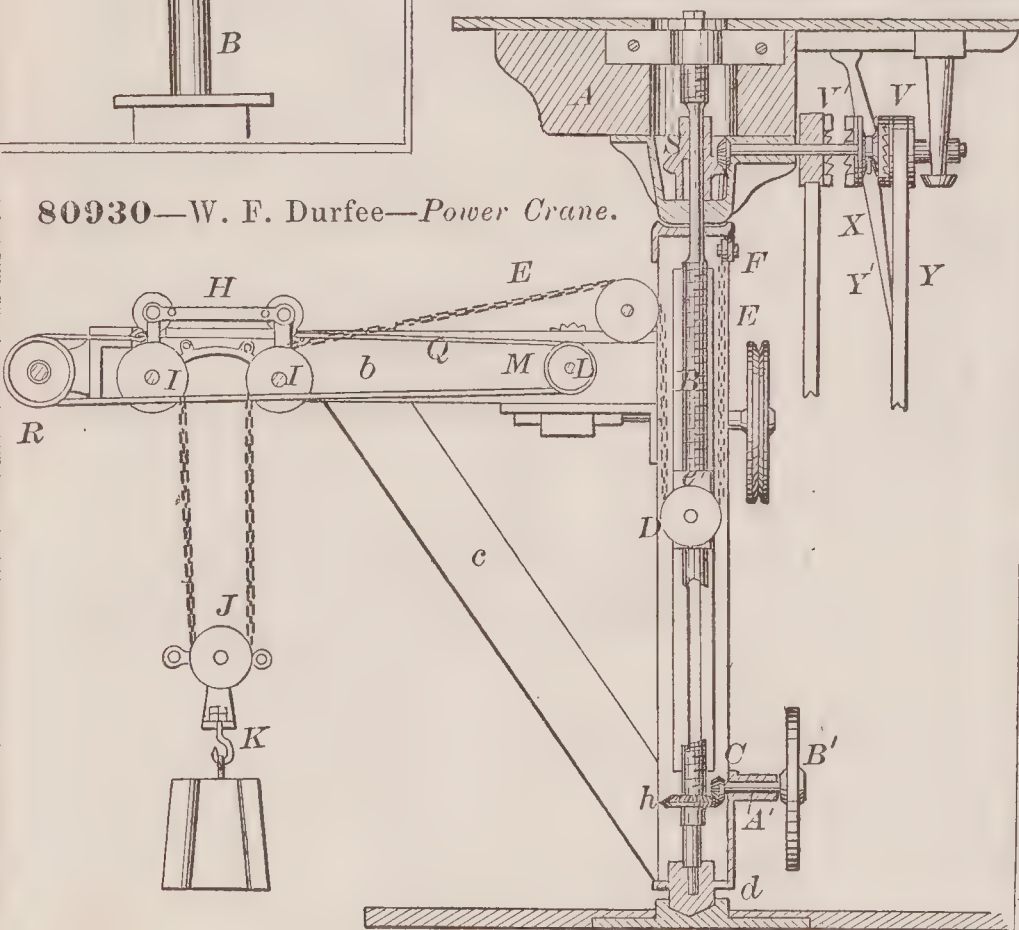
80926—W. E. Darrah—*Vapor Burner.*



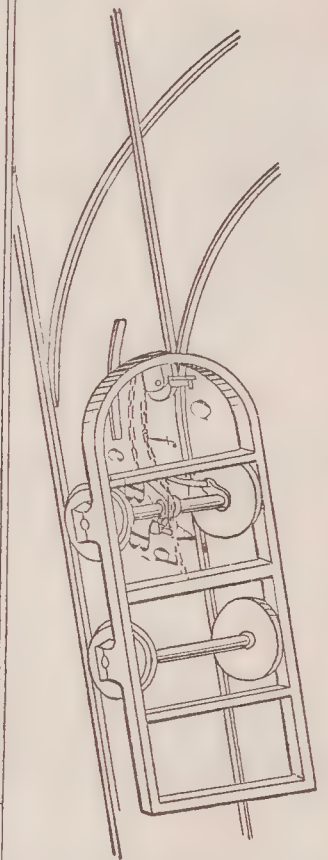
80928—J. S. Detrick—*Lathe Chuck.*



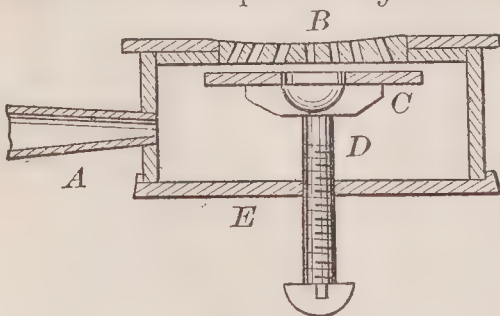
80930—W. F. Durfee—*Power Crane.*



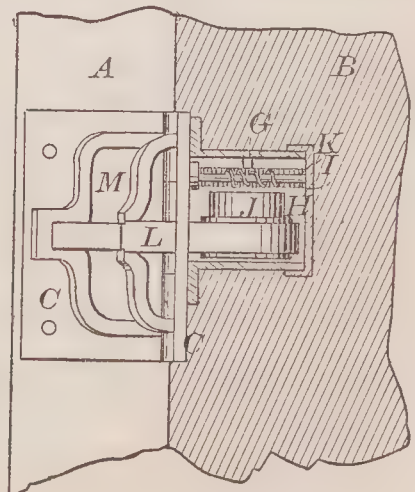
80932—P. S. Dusouchet—*Street Car Switch.*



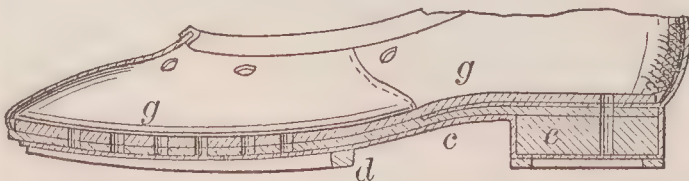
80933—C. F. Espick—*Tuyere Iron.*



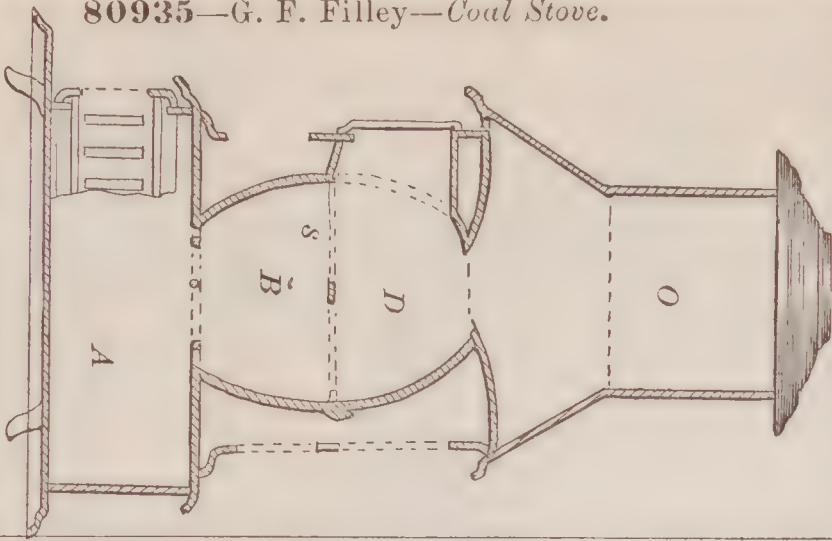
80931—W. Duryea—*Door Spring.*



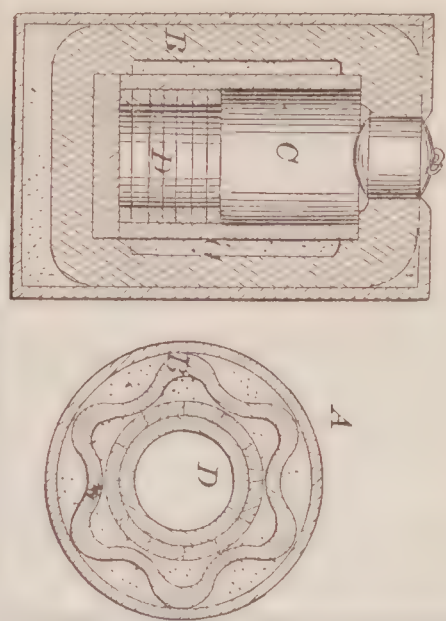
80934—L. D. J. Ferry—*Bathing Shoes.*



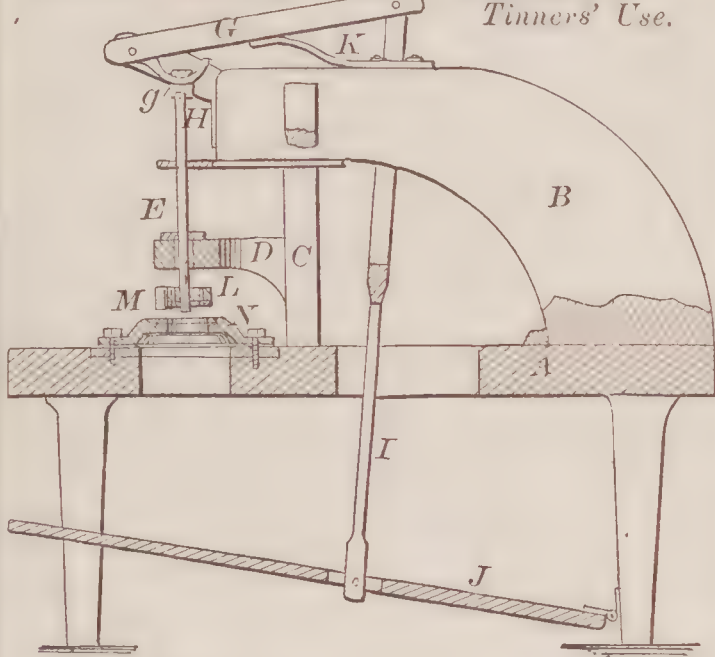
80935—G. F. Filley—*Coal Stove.*



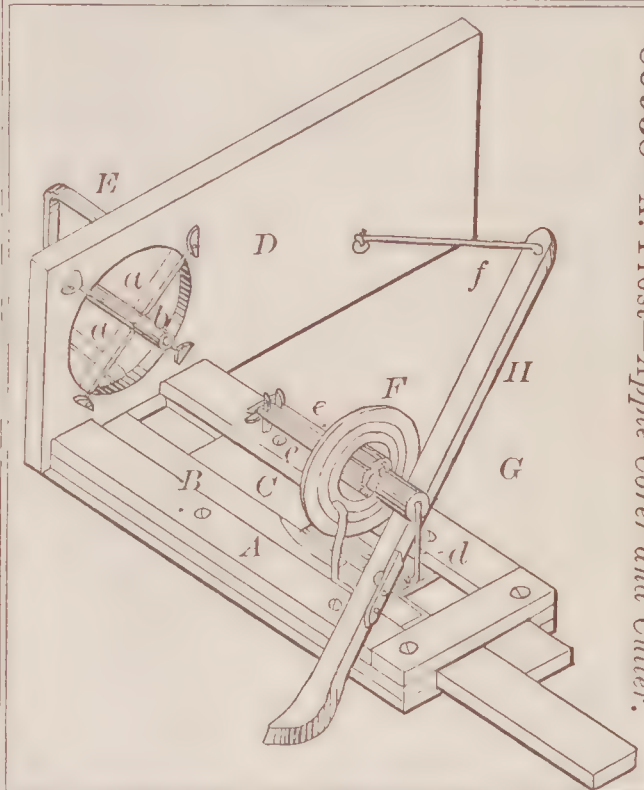
80936—J. Fitzgerald—*Sage.*



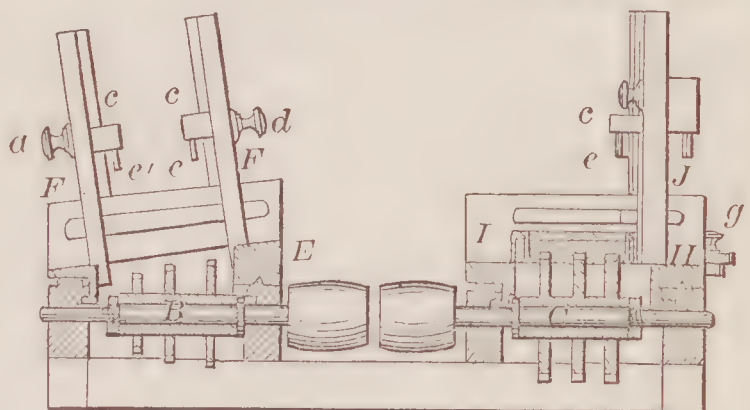
80937—Forshee & Judd—*Machine for Tinner's Use.*



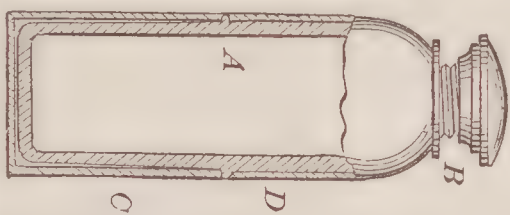
80938—A. Frost—*Apple Corer and Cutter.*



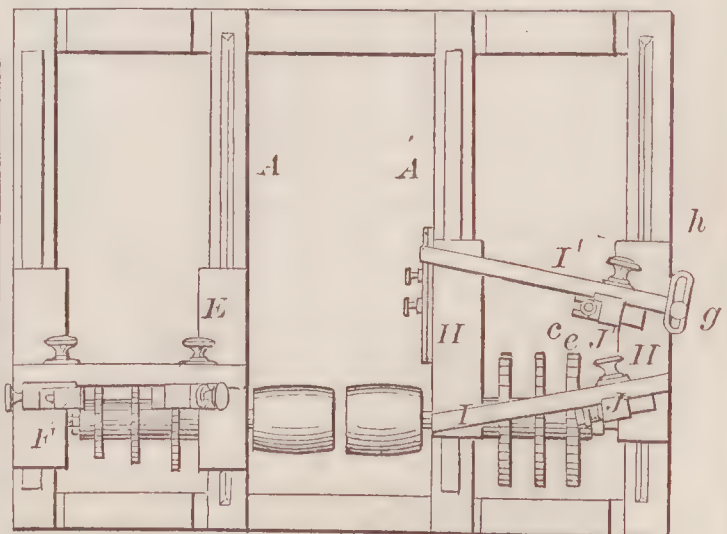
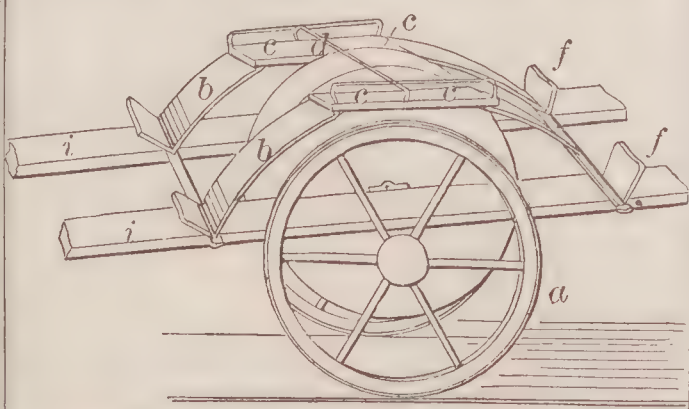
80942—R. J. Gould—*Dovetailing Machine.*



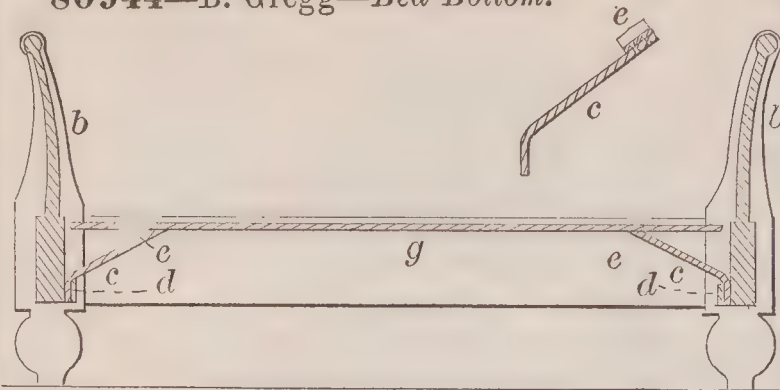
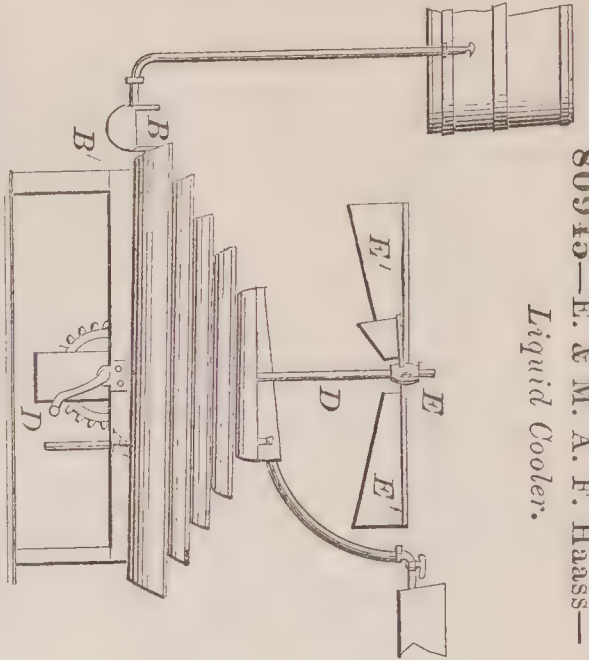
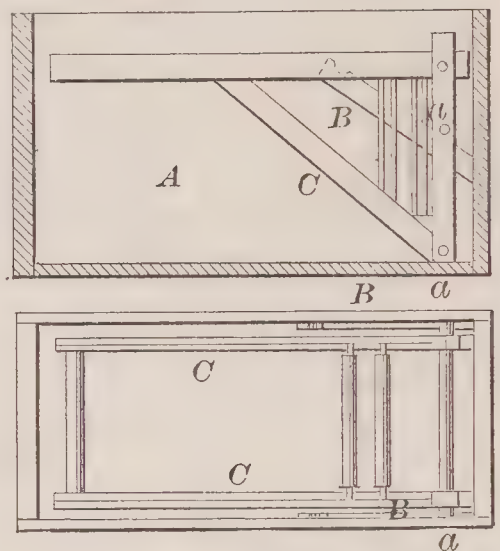
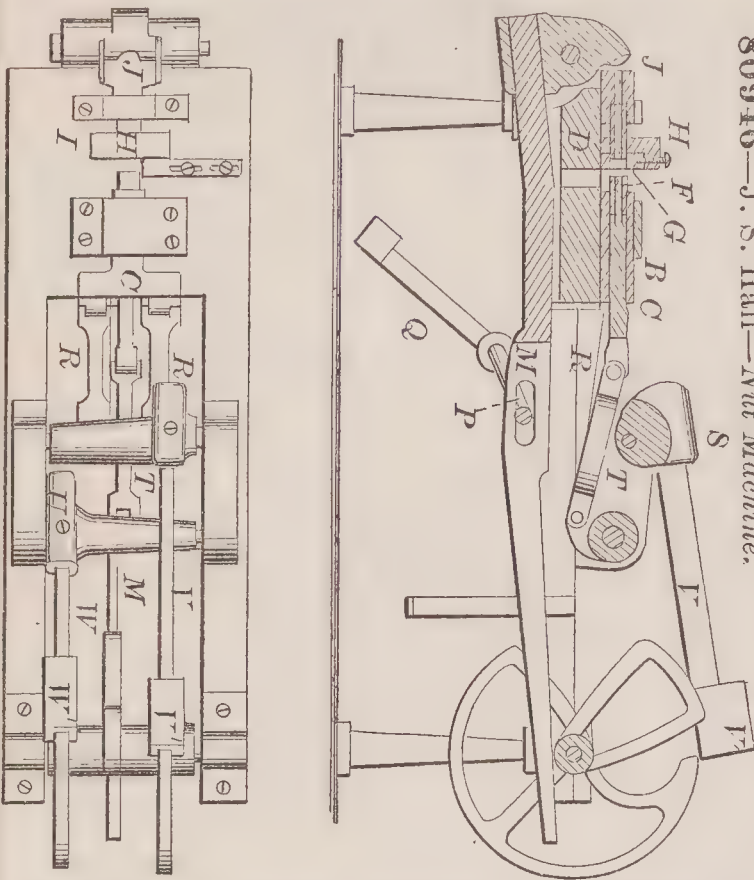
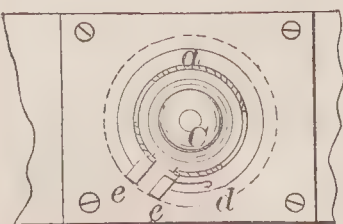
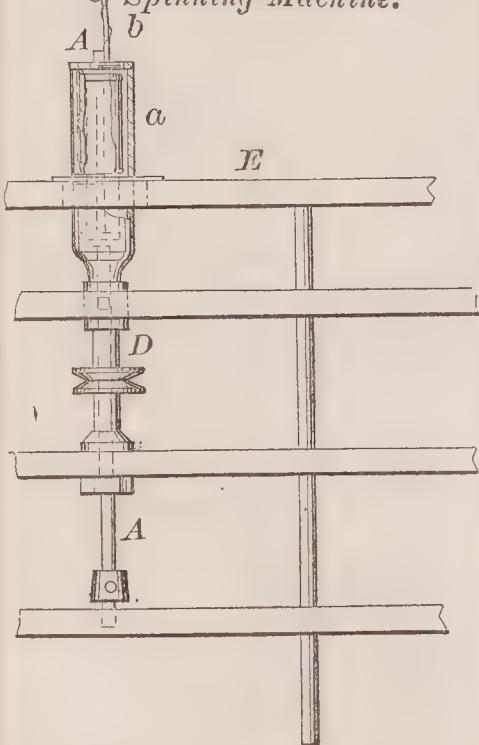
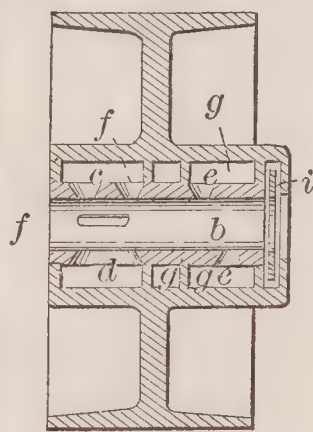
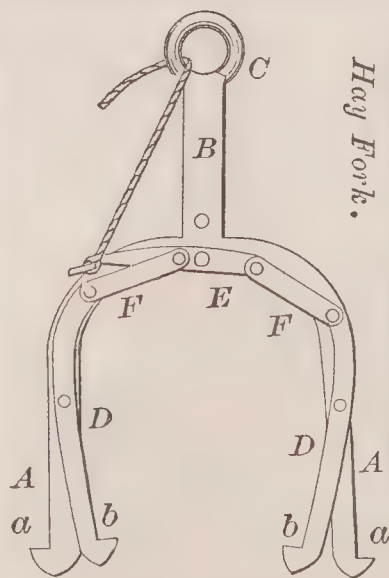
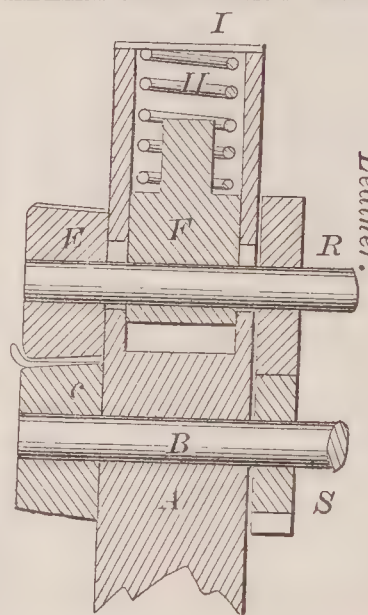
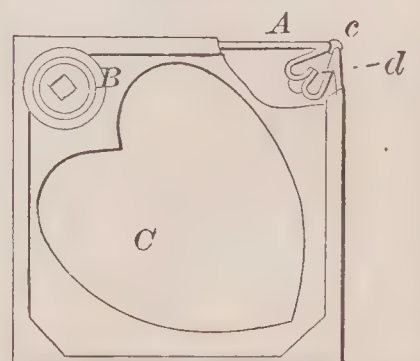
80939—W. T. Frye—*Flask.*



80941—H. A. Gilbertson—*Hose Tender.*

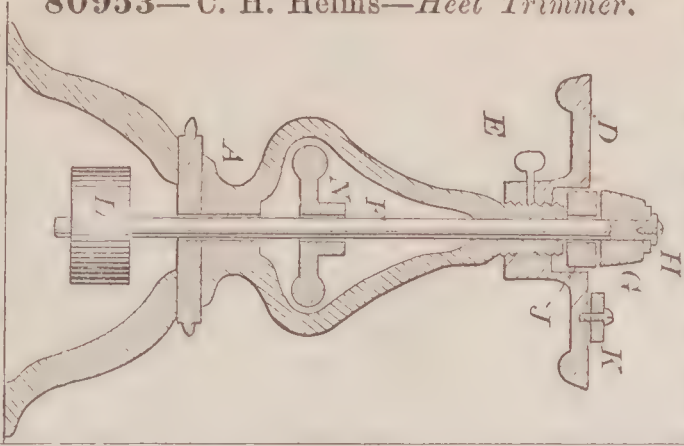




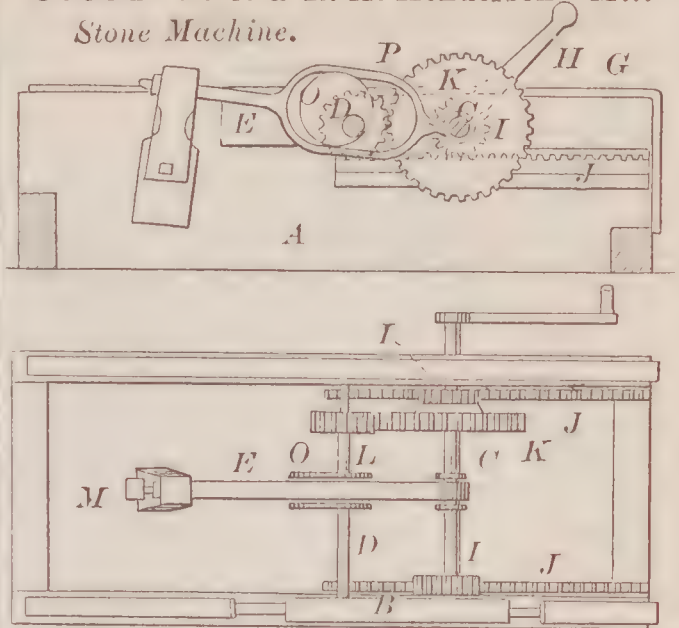
80944—B. Gregg—*Bed Bottom.*80945—E. & M. A. F. Haass—*Liquid Cooler.*80947—J. Hammond—*For Handling Hides.*80946—J. S. Hall—*Nut Machine.*80949—C. J. Harris—*Spinning Machine.*80948—D. Harrington—*Loose Pulley.*80950—G. W. Heath—*Horse Hay Fork.*80952—C. H. Helms—*For Scarfing Leather.*80951—G. E. Hegerman—*Tin Can.*



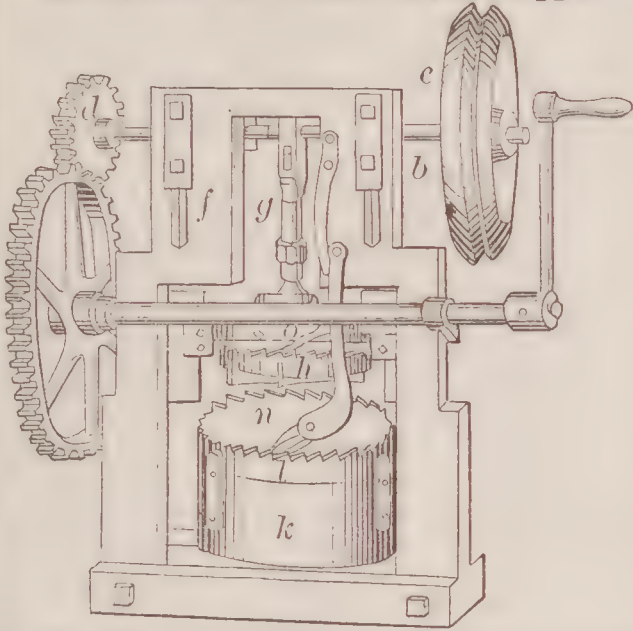
80953—C. H. Helms—*Heel Trimmer.*



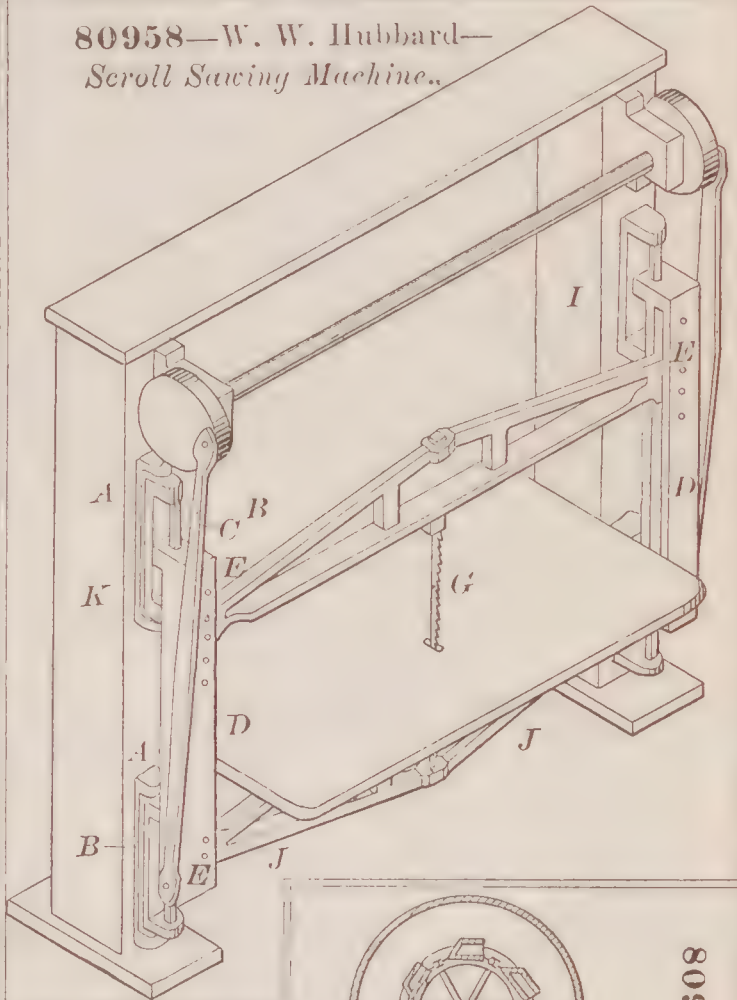
80954—E. C. & R. A. Henderson—*Mill Stone Machine.*



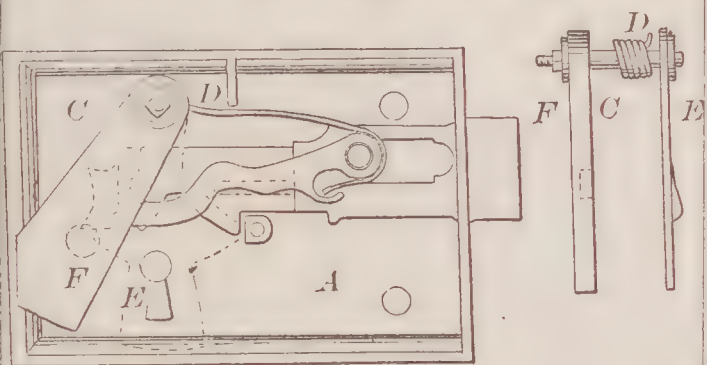
80955—J. G. Hirzel—*Meat Chopper.*



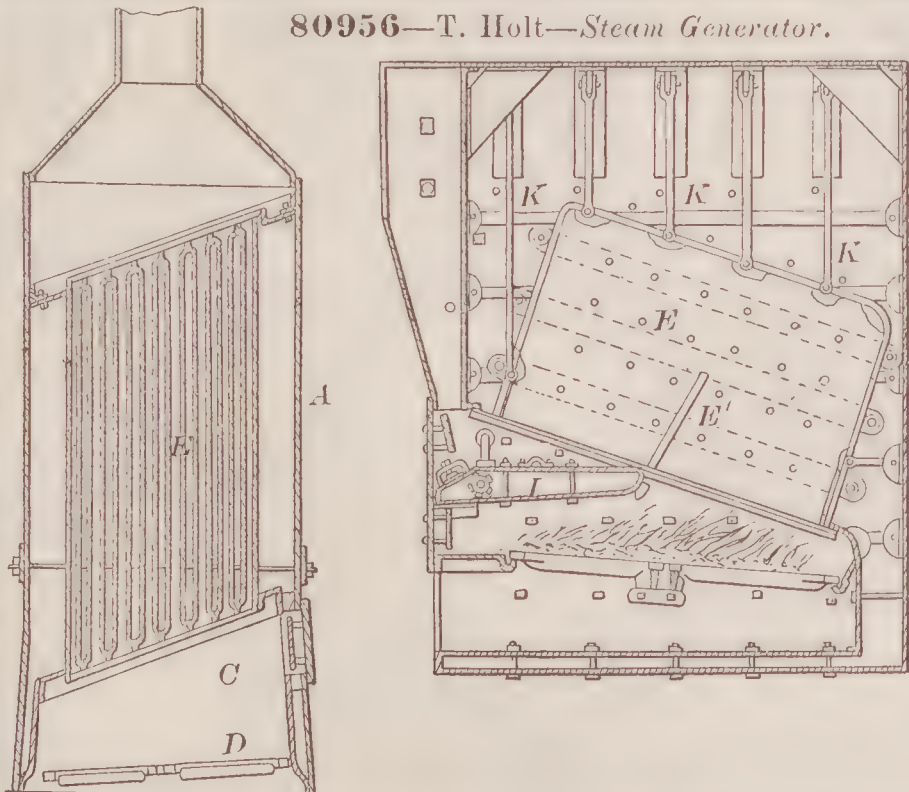
80958—W. W. Hubbard—*Scroll Sawing Machine.*



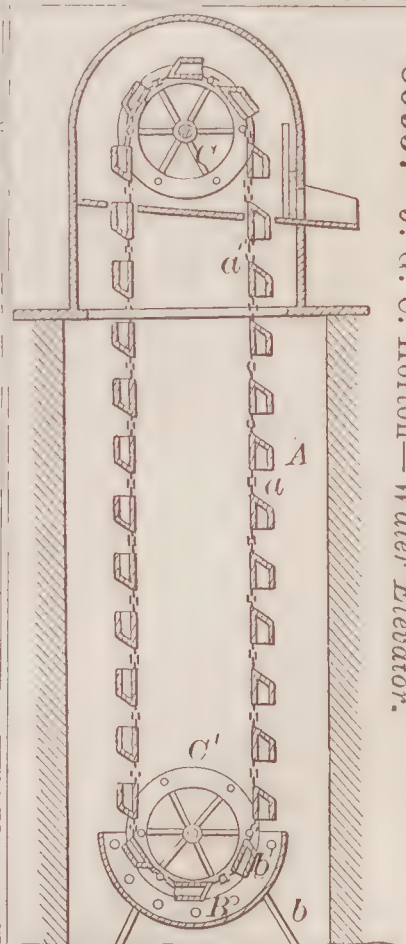
80959—A. Huffnagle—*Keyhole Guard.*



80956—T. Holt—*Steam Generator.*

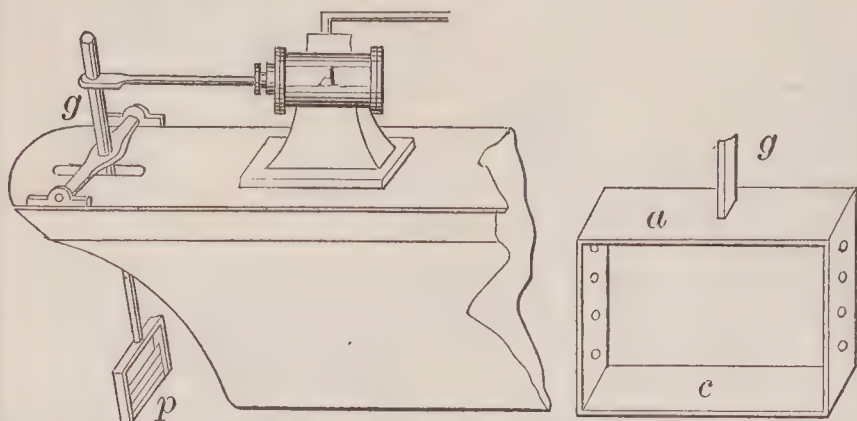


80957—J. G. C. Horton—*Water Elevator.*

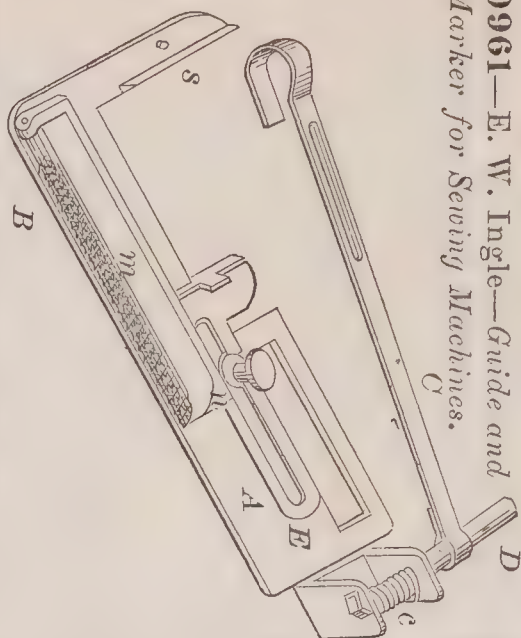




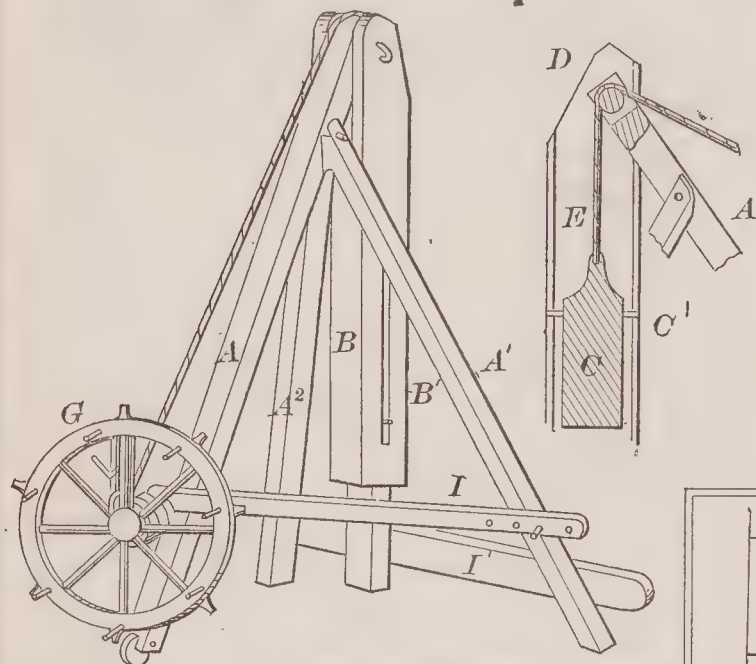
80960—R. Hunter—*Propeller.*



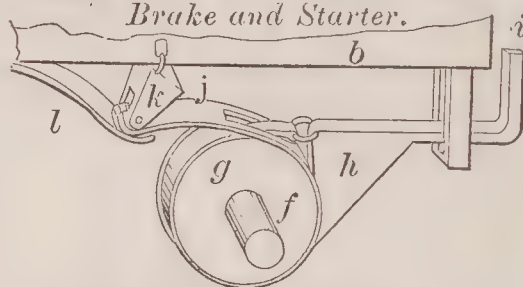
80961—E. W. Ingle—Guide and  
Marker for Sewing Machines.



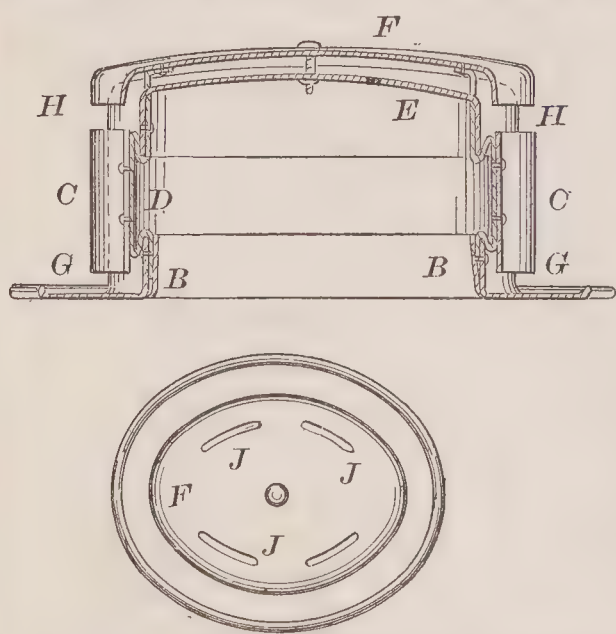
80962—J. D. Israel—*Fence Post Driver.*



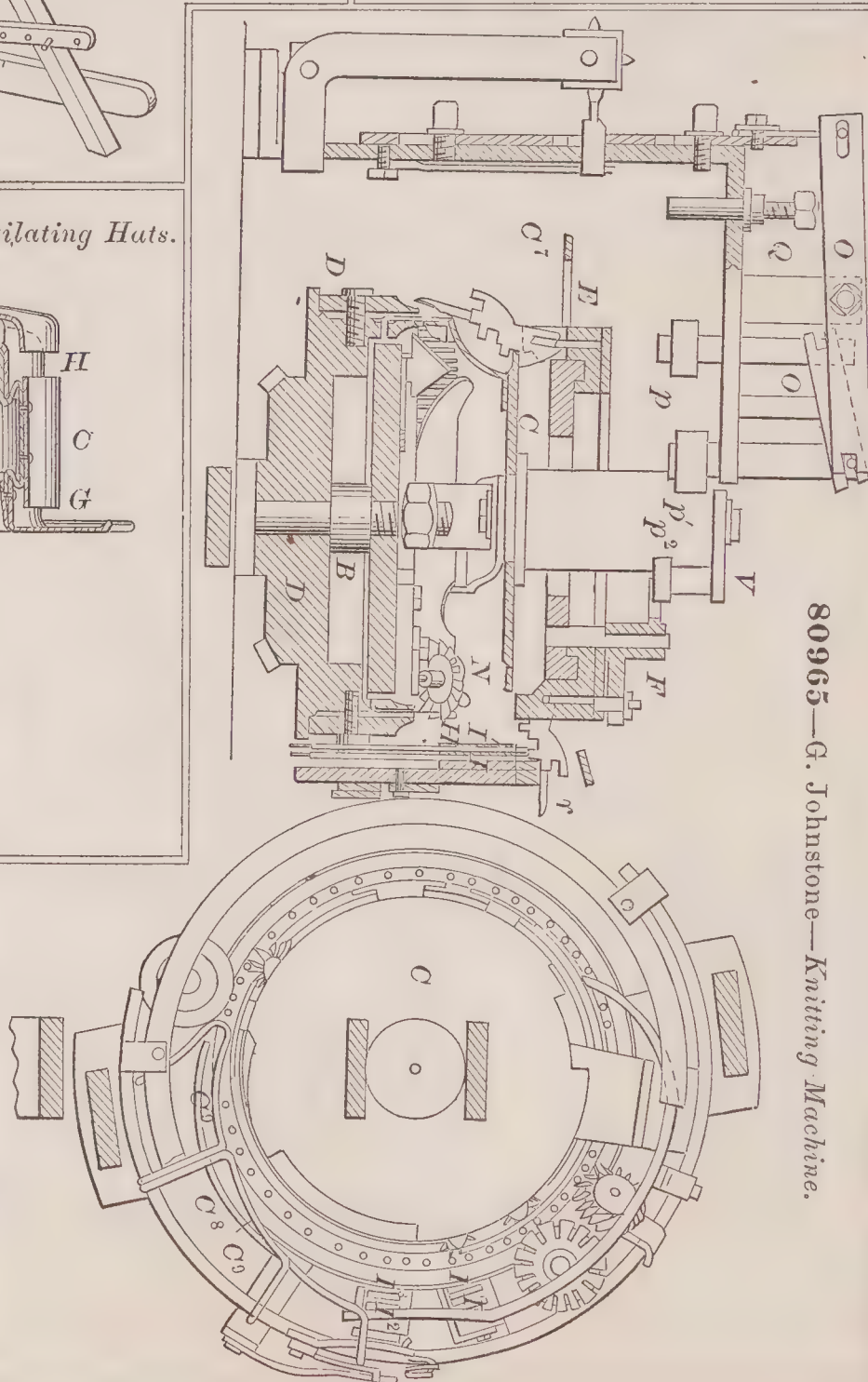
80961—W. J. Johnson—*Car  
Brake and Starter.*



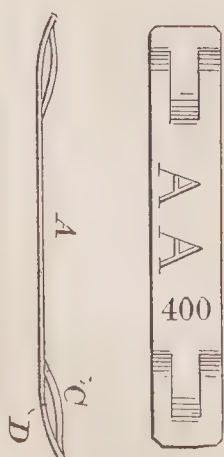
80963—T. R. Johnson—*Ventilating Hats.*



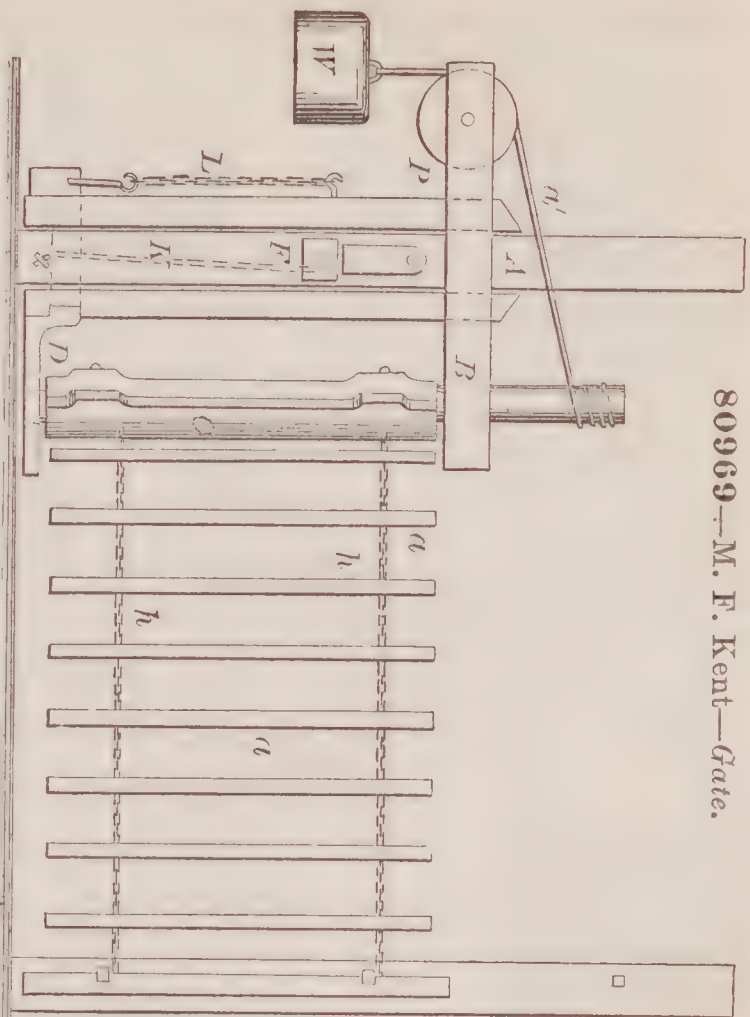
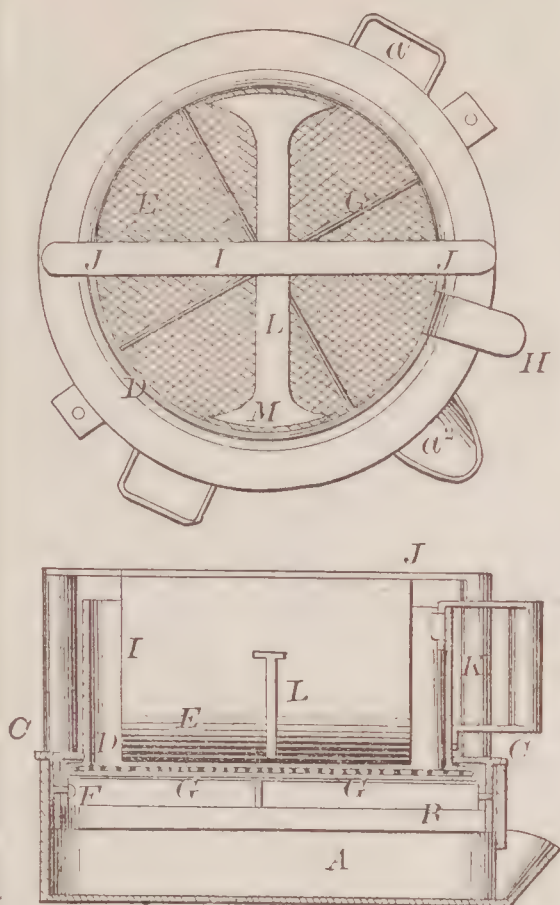
80965—G. Johnstone—*Knitting Machine.*



80967—N. C. Jones—*Bale Label.*

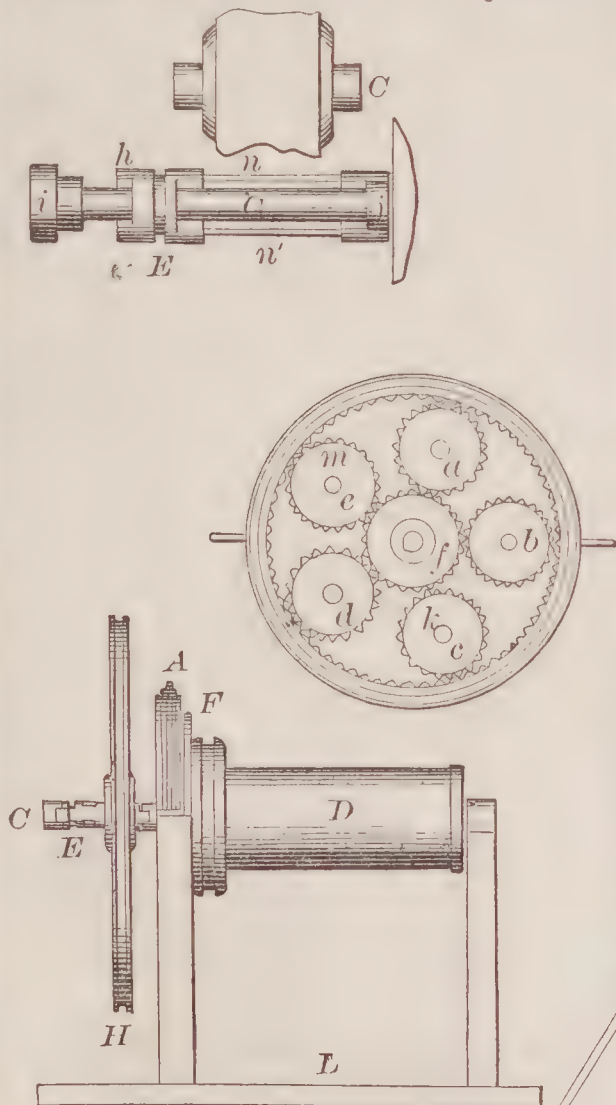


80966—Mrs. J. D. Jones—*Sieve.*

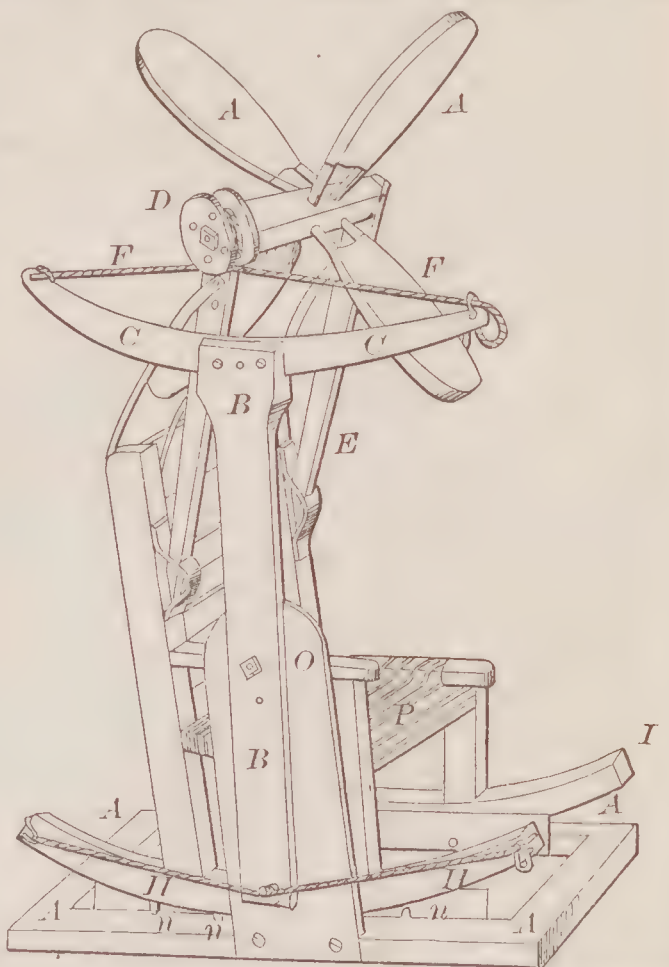


80969—M. F. Kent—*Gate.*

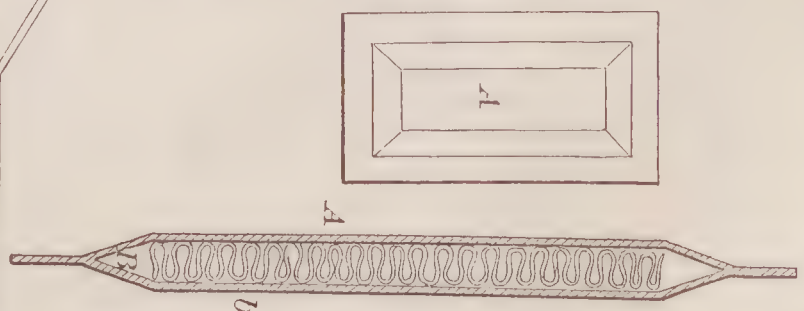
80968—W. O. Jones—*Hoisting Gear.*



80970—T. Kerr—*Fanning and Rocking Chair.*

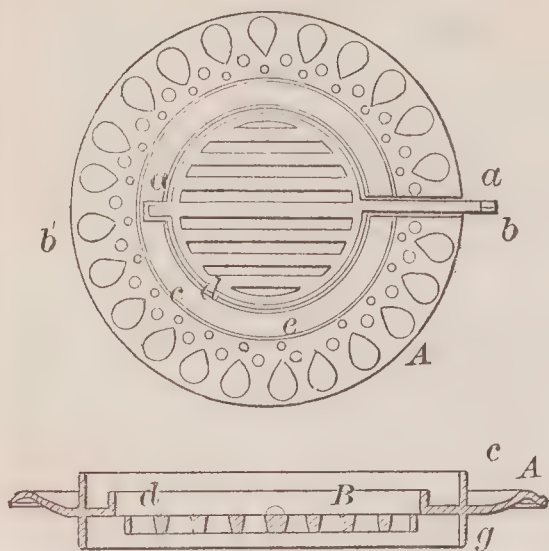


80972—L. W. Kimball—*Door Panel.*

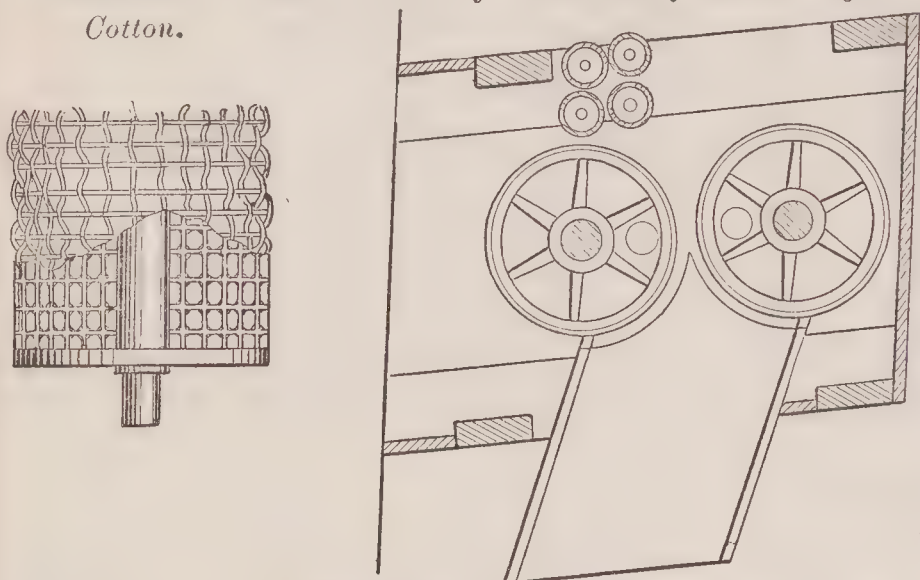




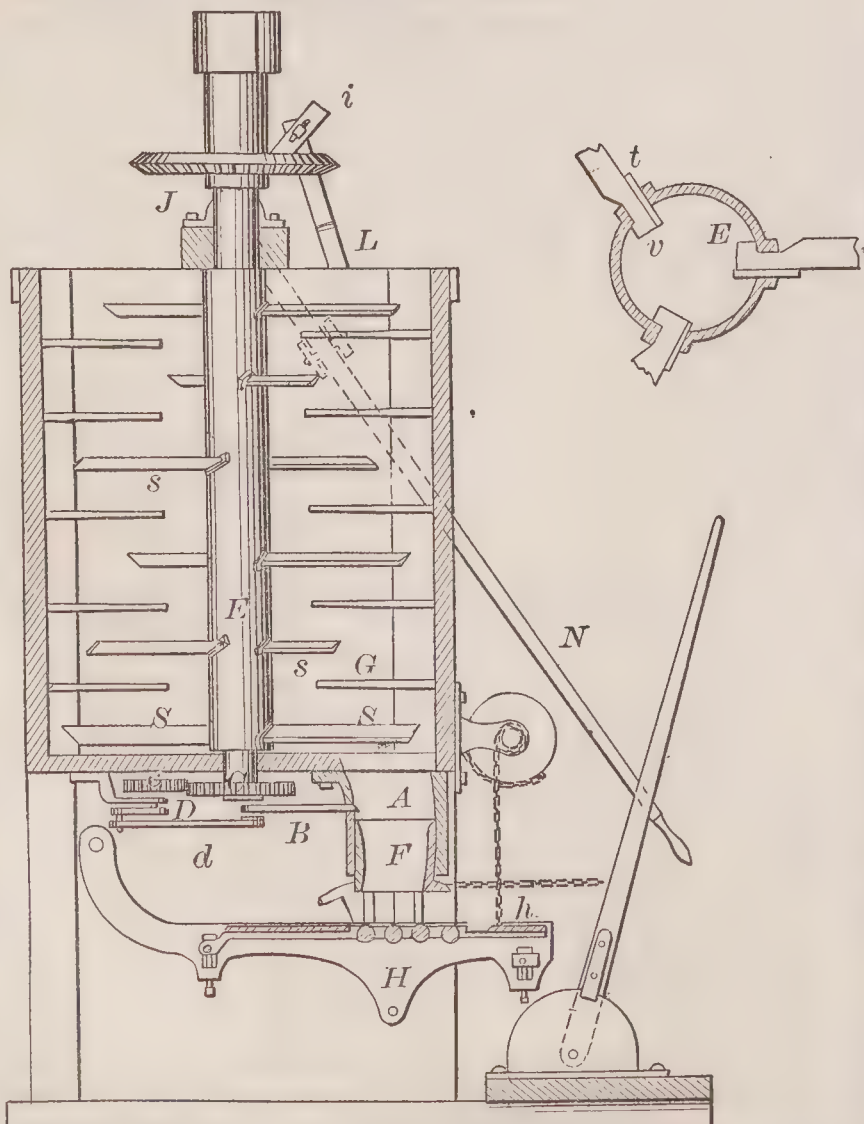
80971—J. H. Keyser—*Foot Rest Grate and Fire Brick Base.*



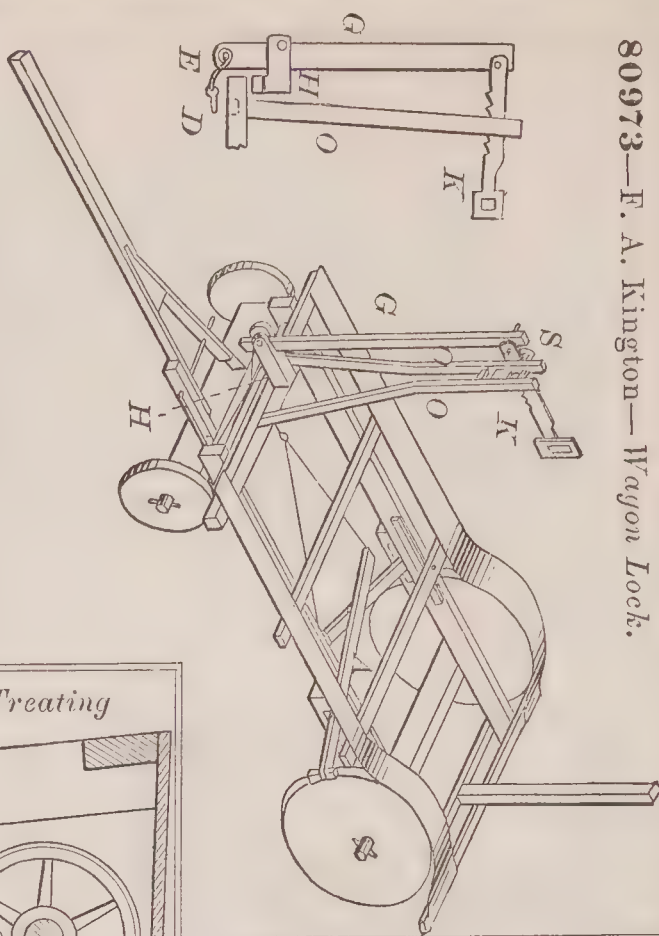
80975—R. Kitson—*Screen for Machine for Treating Cotton.*



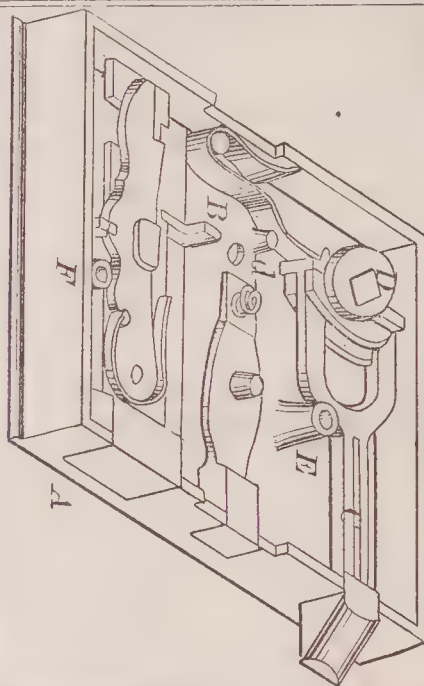
80976—J. A. Lafler—*Brick Machine.*



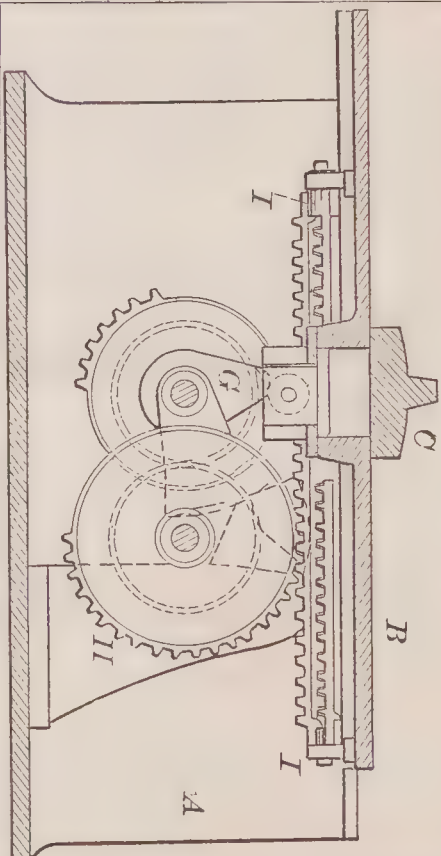
80973—F. A. Kington—*Wagon Lock.*



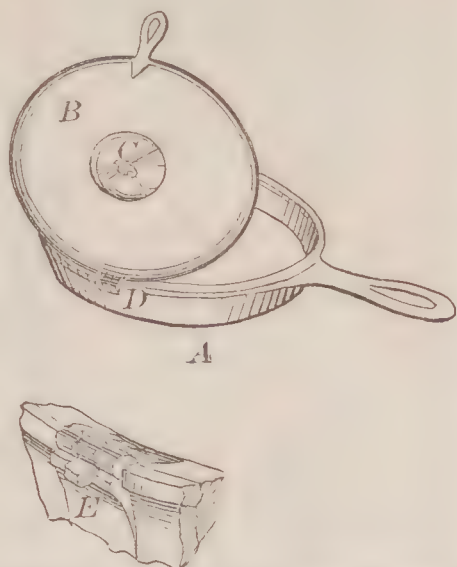
80974—J. Kinzer—*Reversible Latch.*



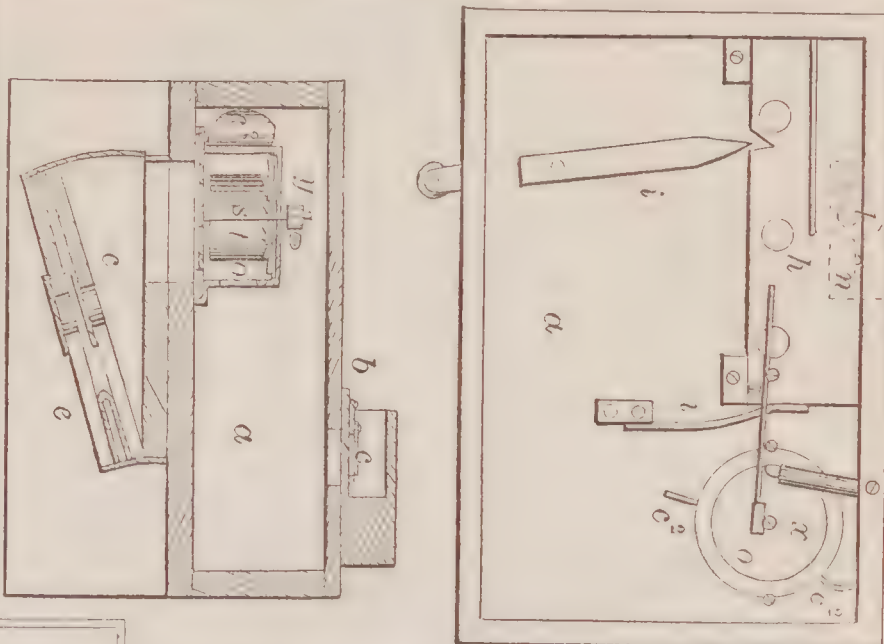
80977—W. O. Leslie—*Brick Press.*



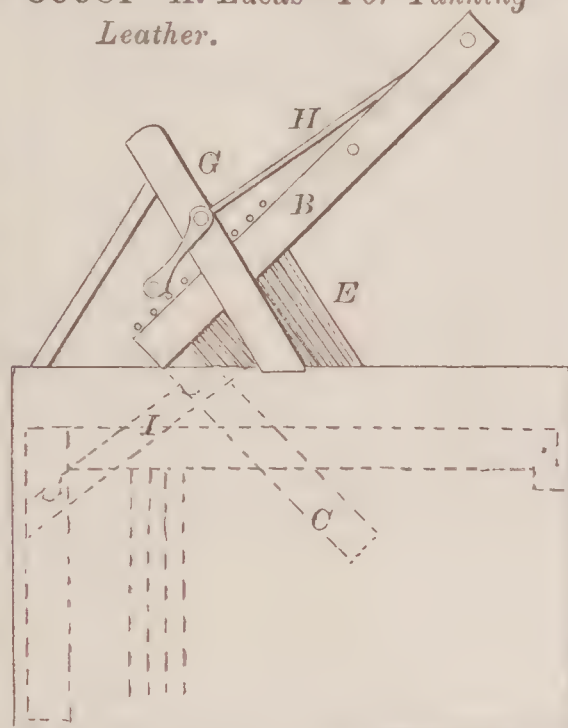
80978—N. Lewis—*Spider.*



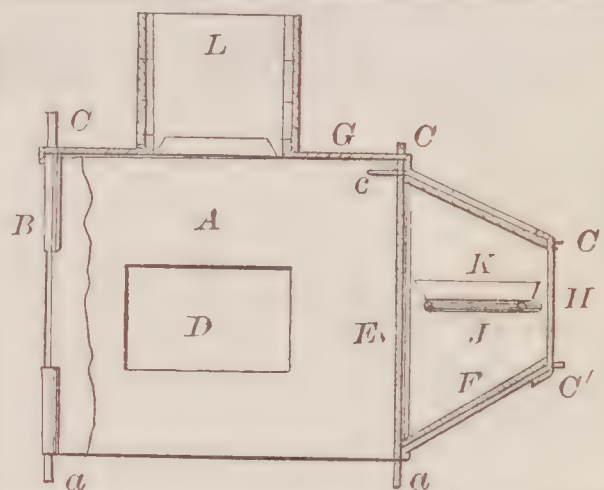
80979—L. F. Louis—*Tremolo.*



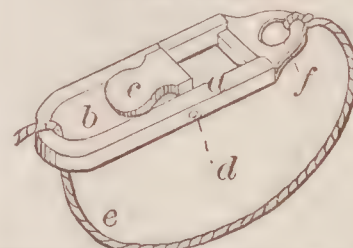
80981—H. Lucas—*For Tanning Leather.*



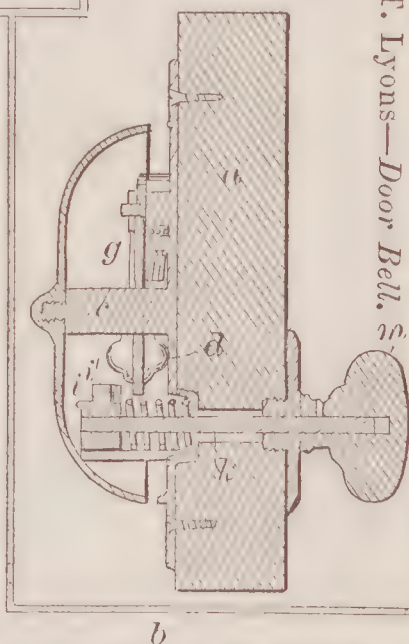
80987—D. C. McNeil—*Camp Stove and Oven.*



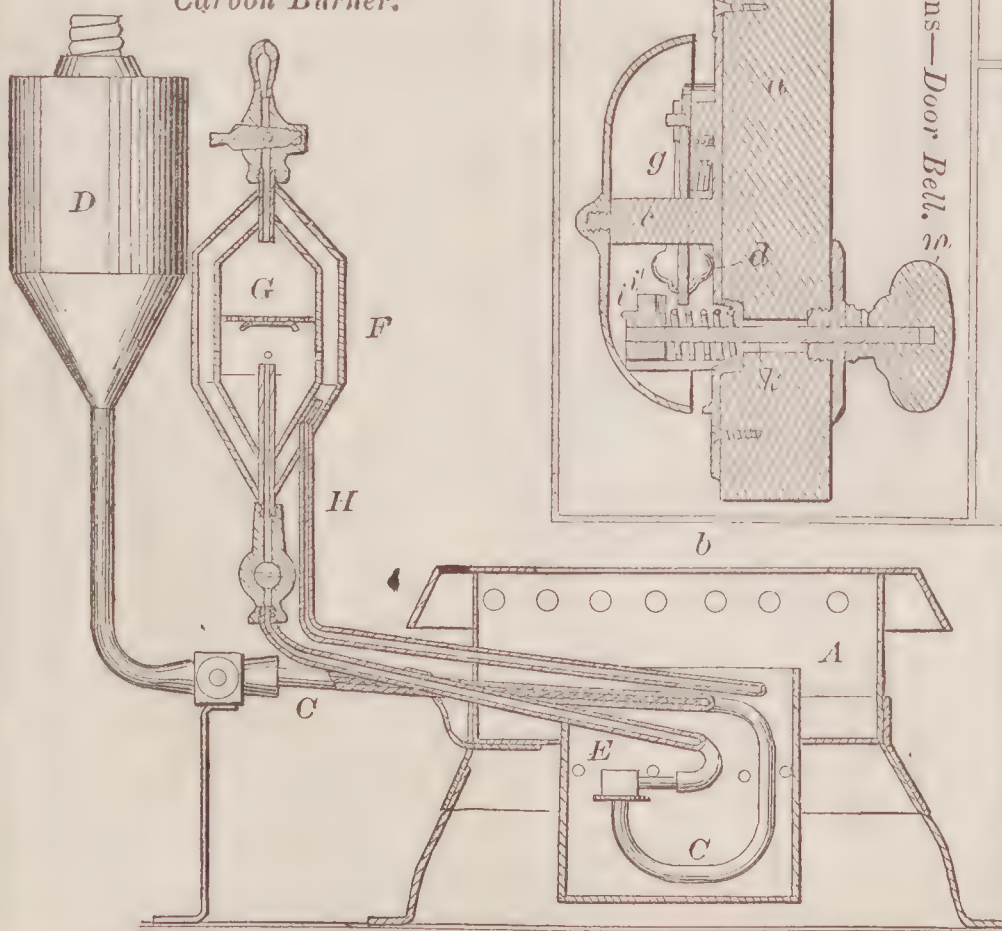
80986—E. P. McCeney—*File Fastener.*



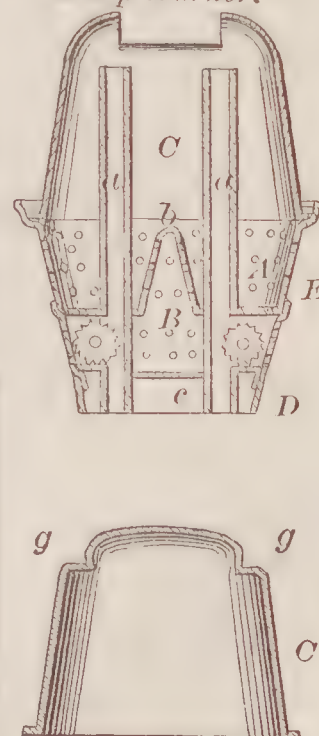
80983—T. Lyons—*Door Bell.*



80980—D. H. Lowe—*Hydro-Carbon Burner.*

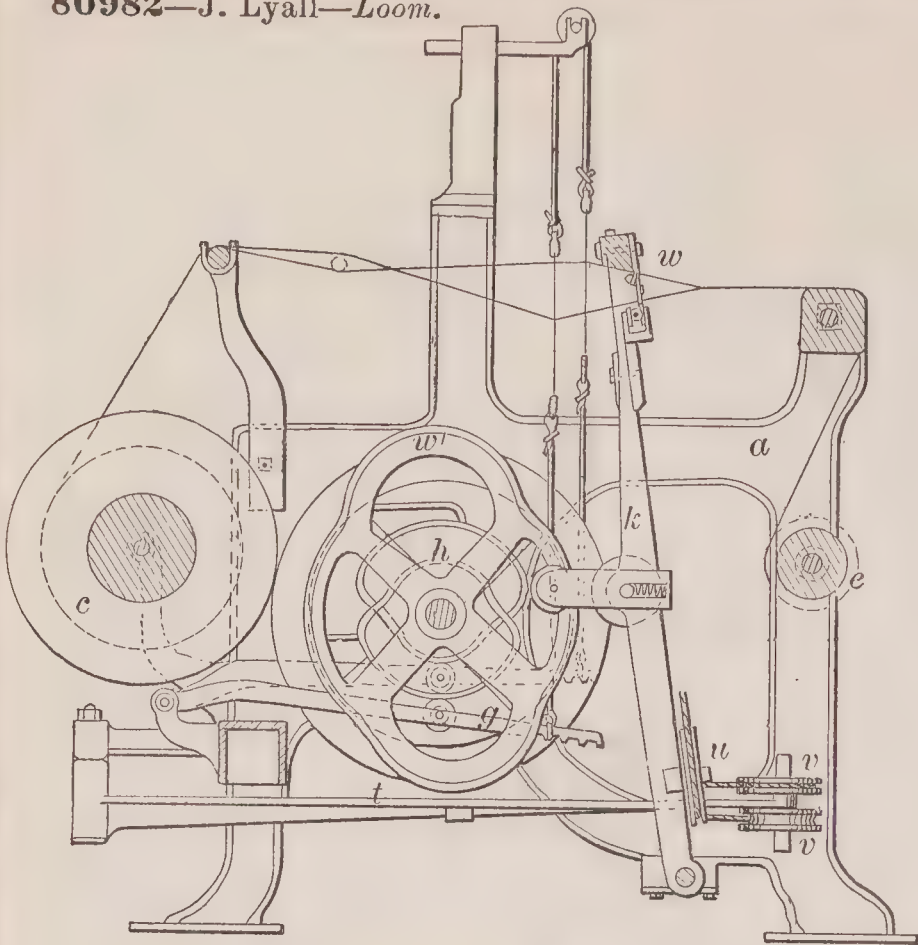


80984—L. J. Marcy—*Lamp Burner.*

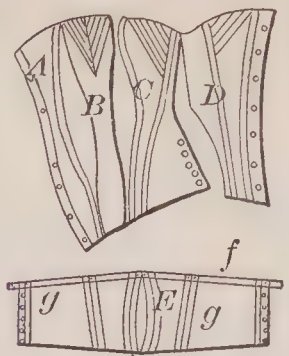




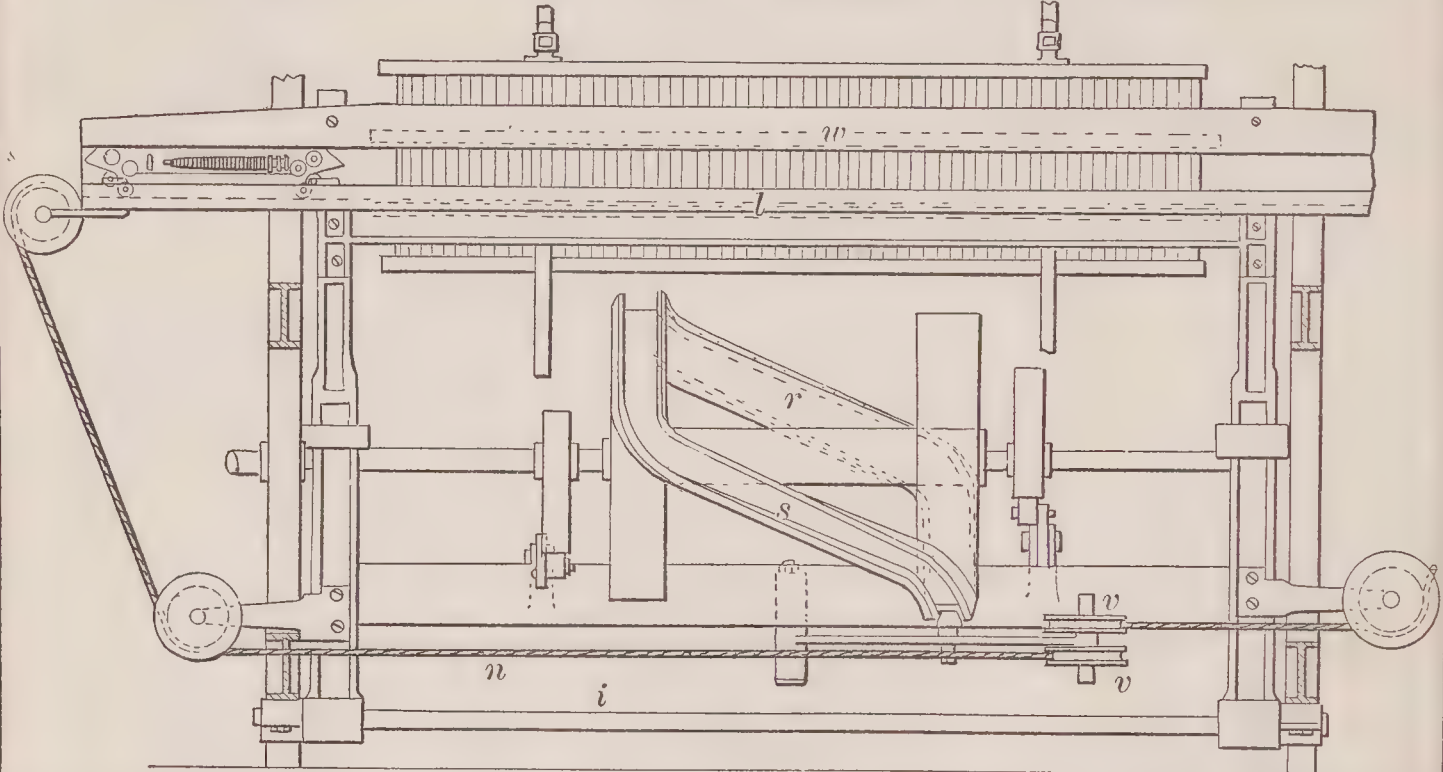
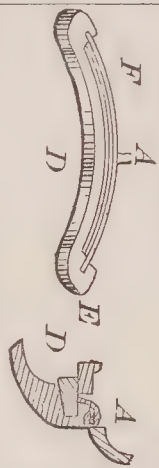
80982—J. Lyall—Loom.



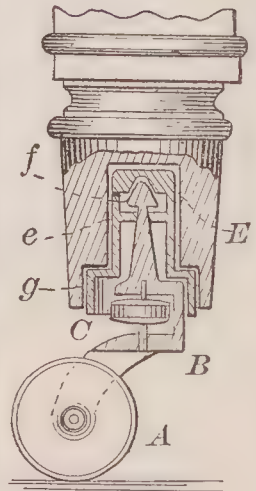
80988—J. McNeven—Corset,  
Abdominal and Skirt  
Supporter.



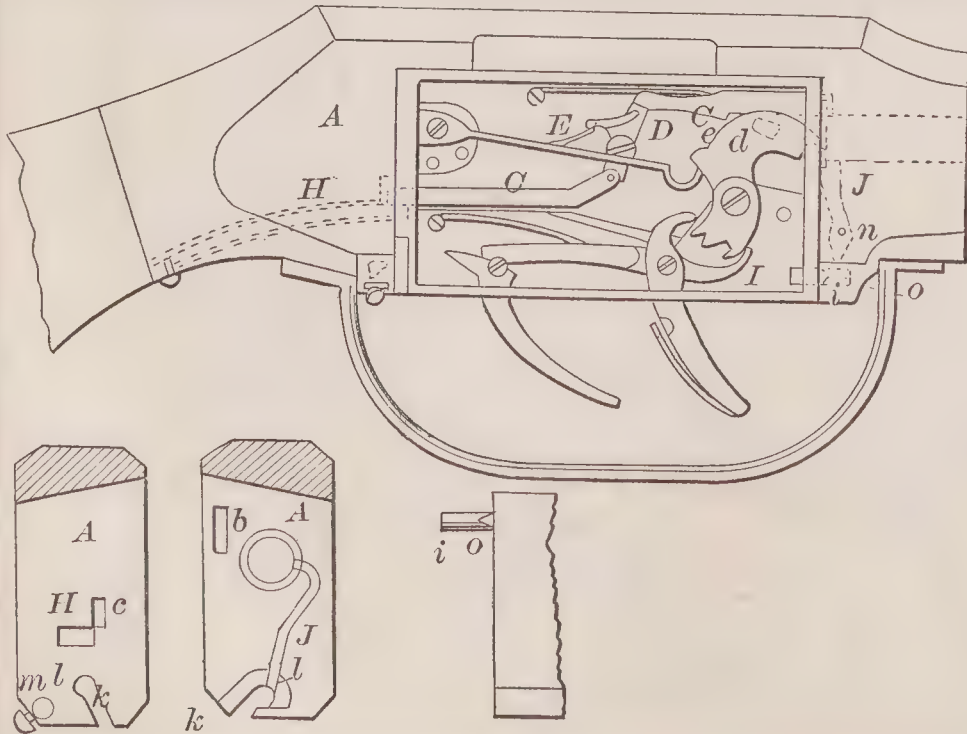
80989—J. H. Morse—  
Spring and Duster  
for Watches.



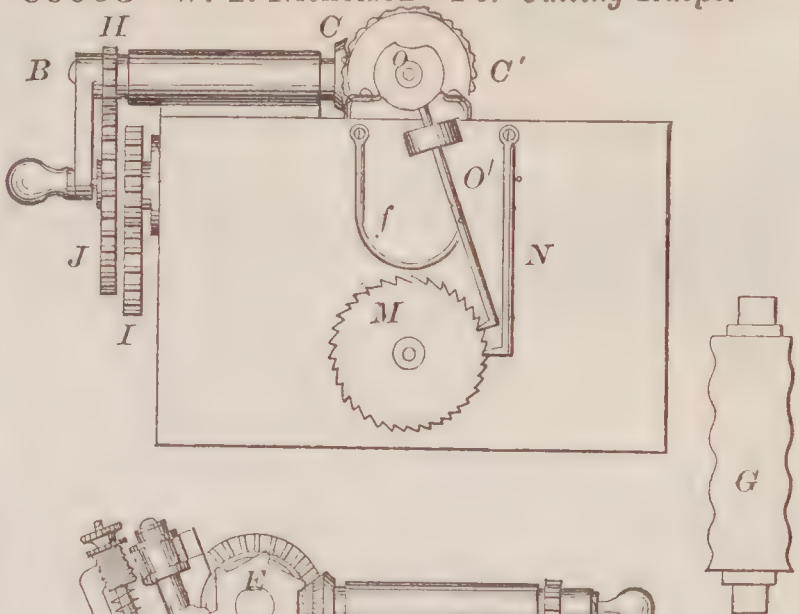
80990—H. Munroe—Furniture Caster.



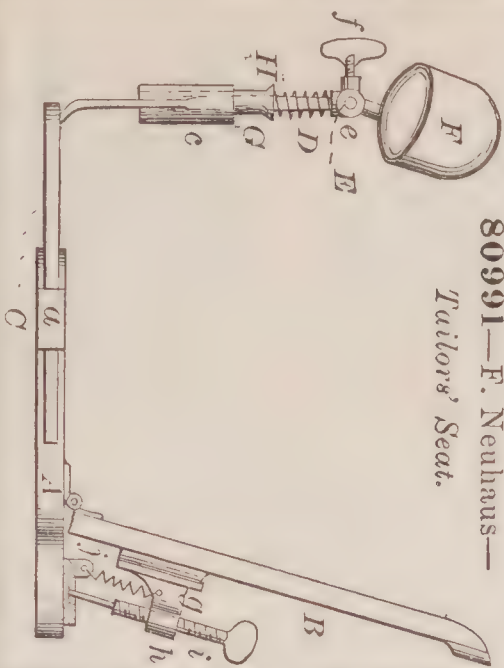
80985—J. E. McBeth—Fire Arm.



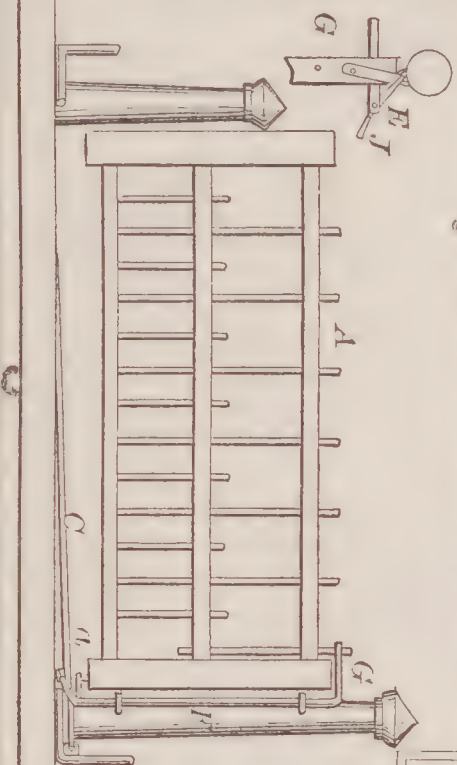
80993—W. T. Nicholson—For Cutting Rasps.



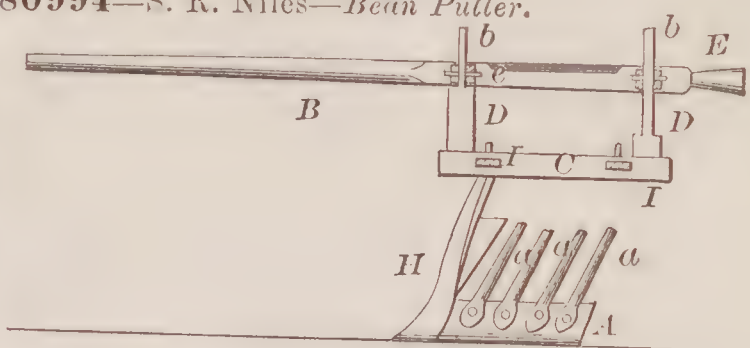
80991—F. Neuhaus—  
Tailors' Seat.



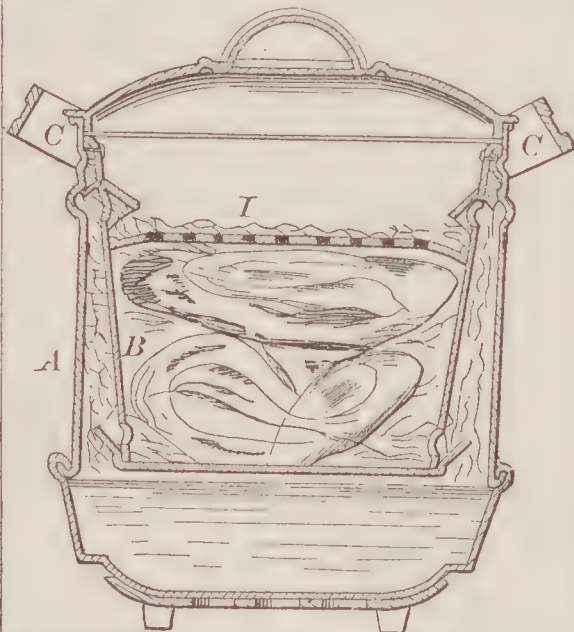
80992—E. Nicholson—Road Gate.



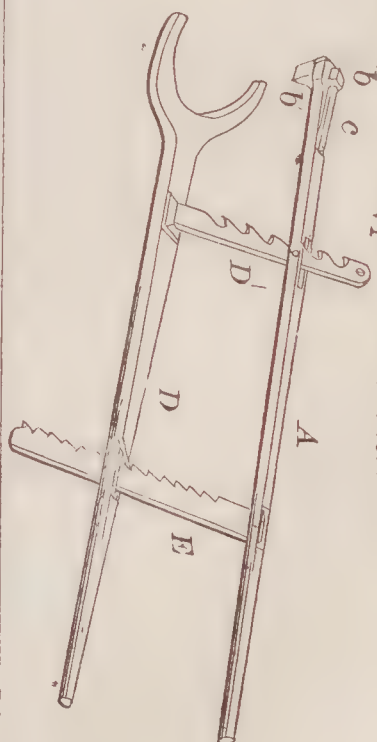
80994—S. R. Niles—Bean Puller.



80995—A. O'Neill—Wash Boiler.



80998—G. W. Phelps—Bolt Holder.



80997—W. Pearson—Clamp Nut.

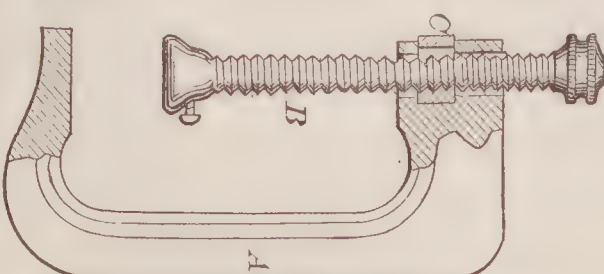
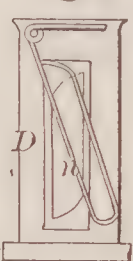
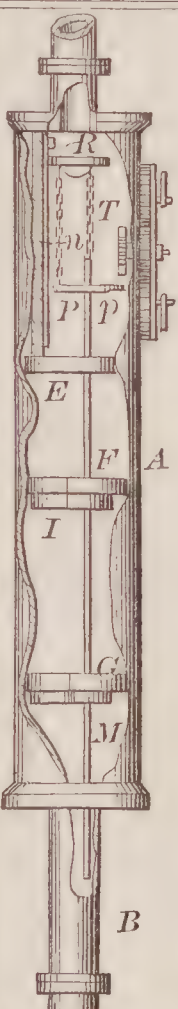


Fig. 8



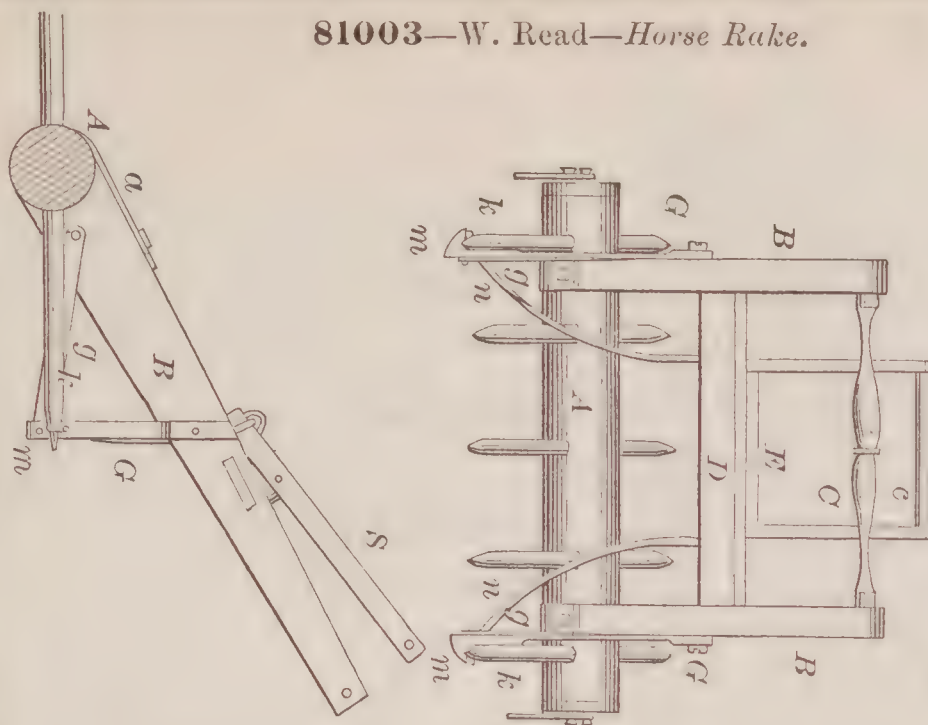
80996—W. Park—Fluid Meter.







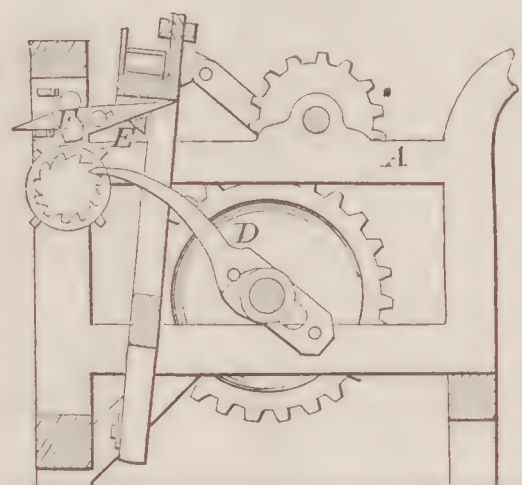
81003—W. Read—*Horse Rake.*



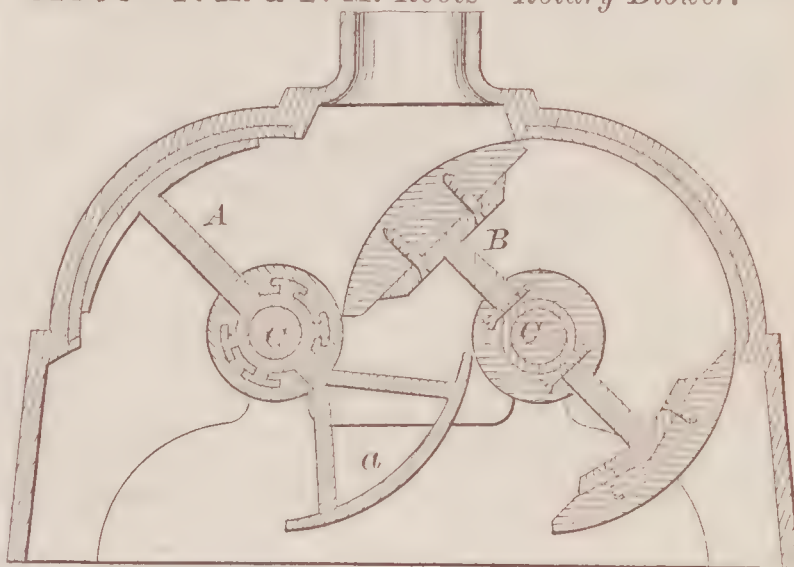
81004—W. T. B. Read—*Ice Elevator.*



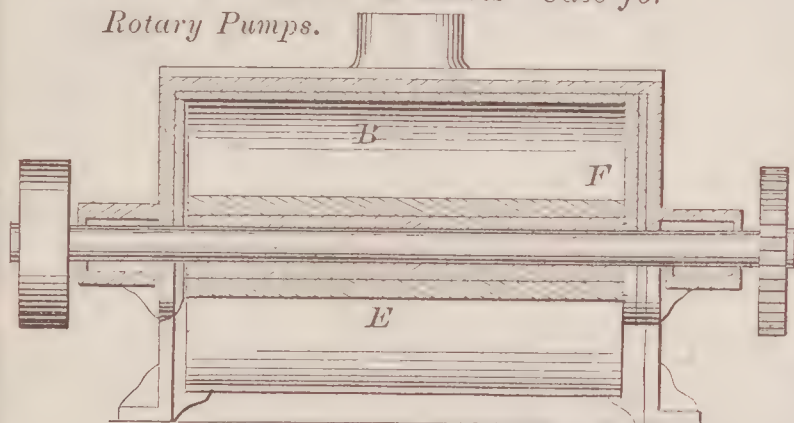
81005—M. Rice—*Actuating Shuttle Box.*



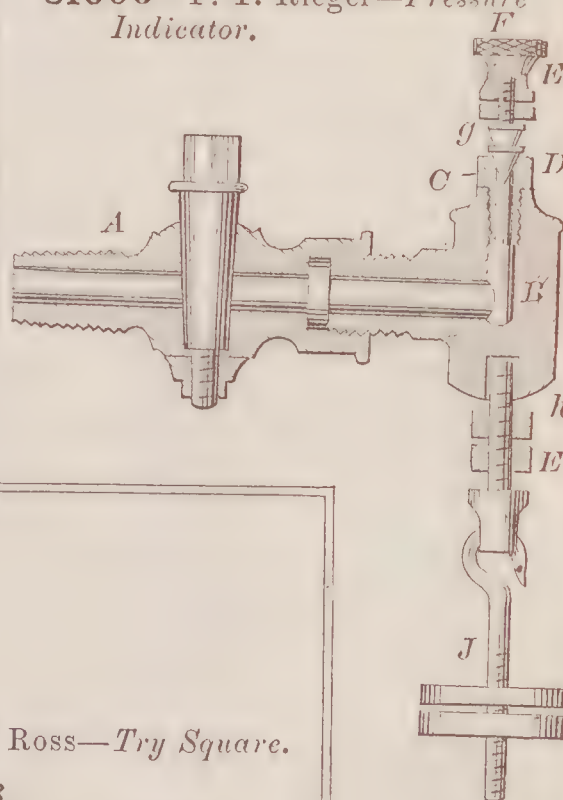
81009—P. H. & F. M. Roots—*Rotary Blower.*



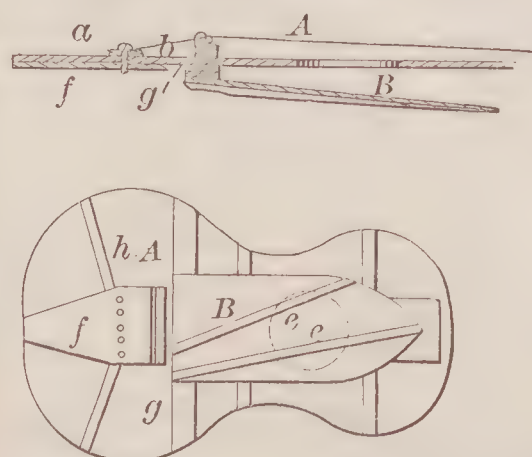
81010—P. H. & F. M. Roots—*Case for Rotary Pumps.*



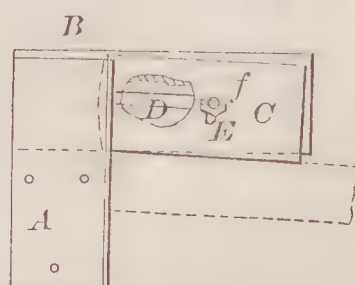
81006—F. T. Riegel—*Pressure Indicator.*



81012—G. Schleicher—*Stringed Musical Instrument.*

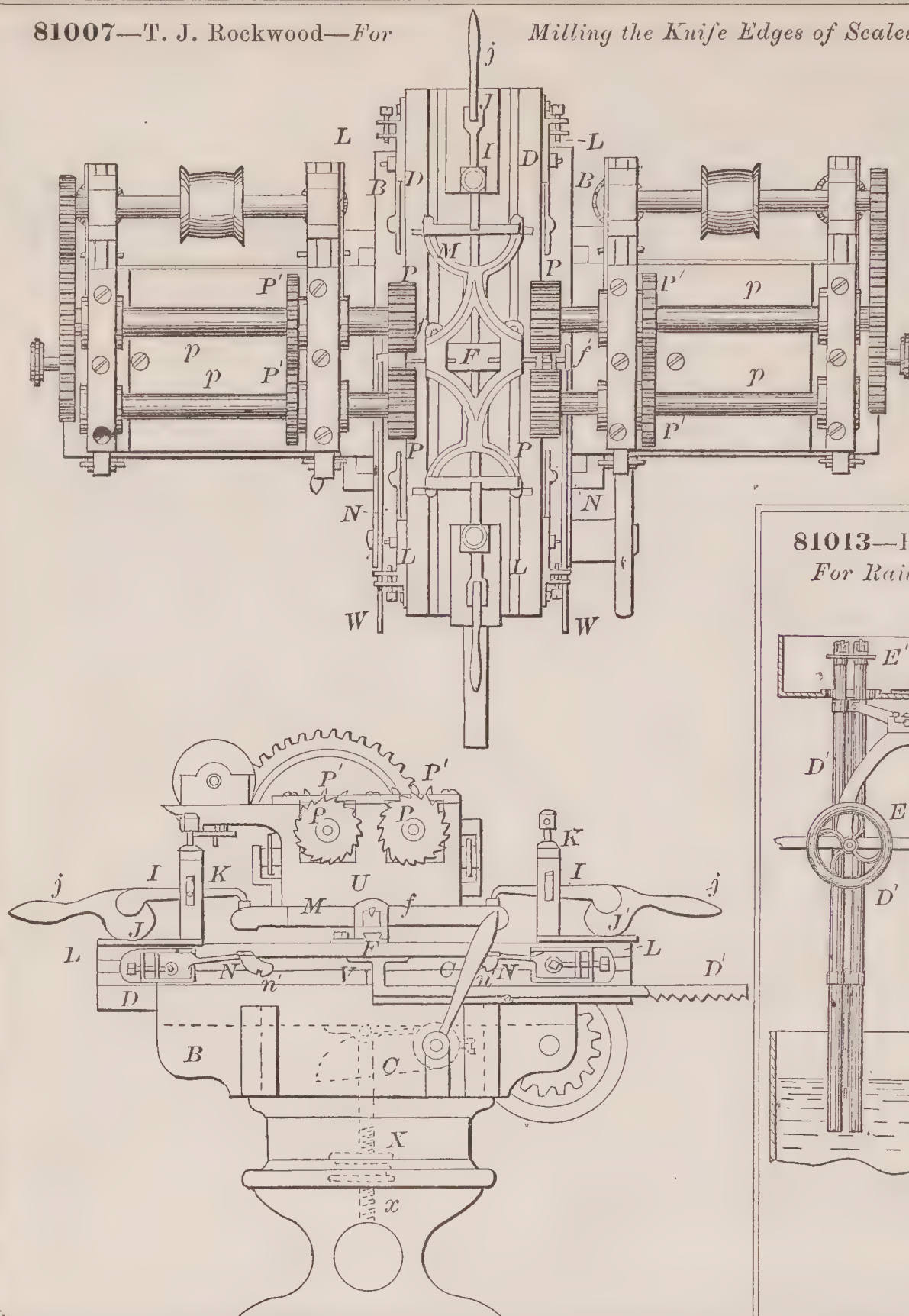
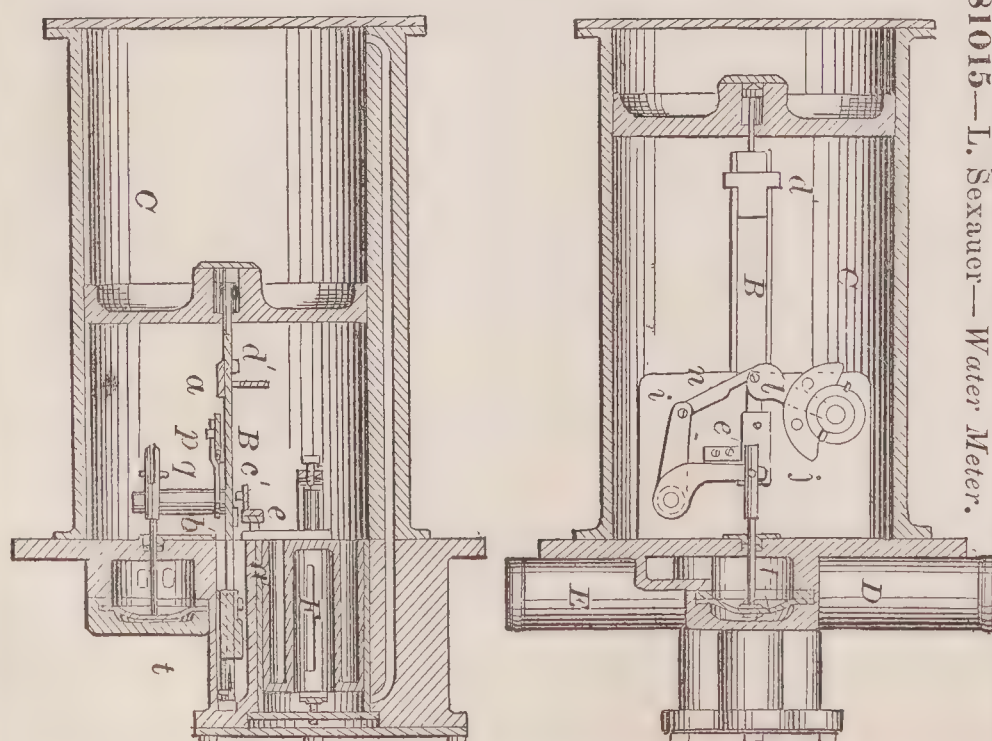
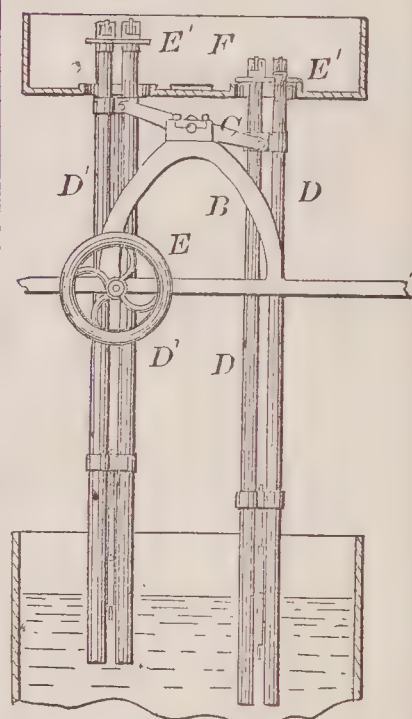


81011—W. Ross—*Try Square.*

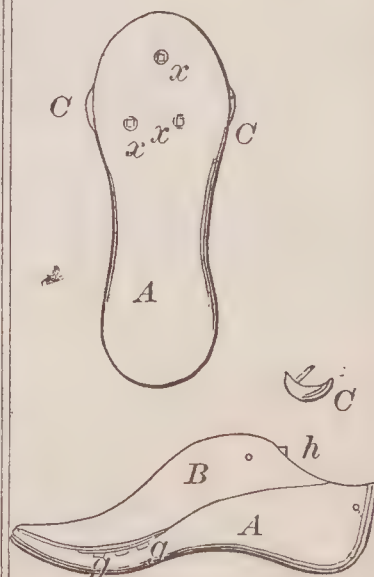


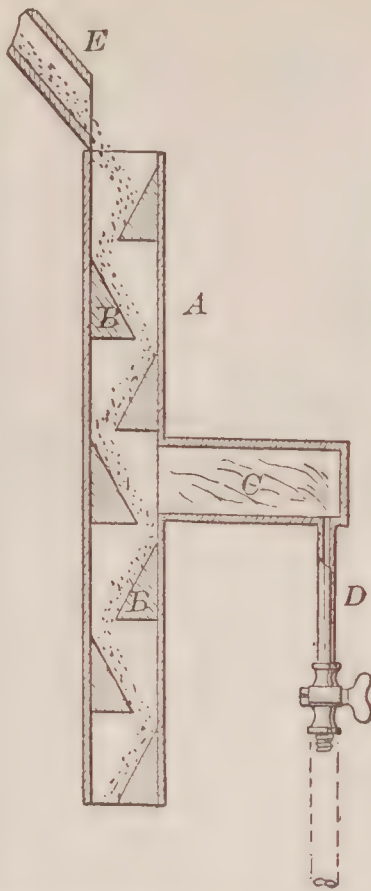


81007—T. J. Rockwood—For

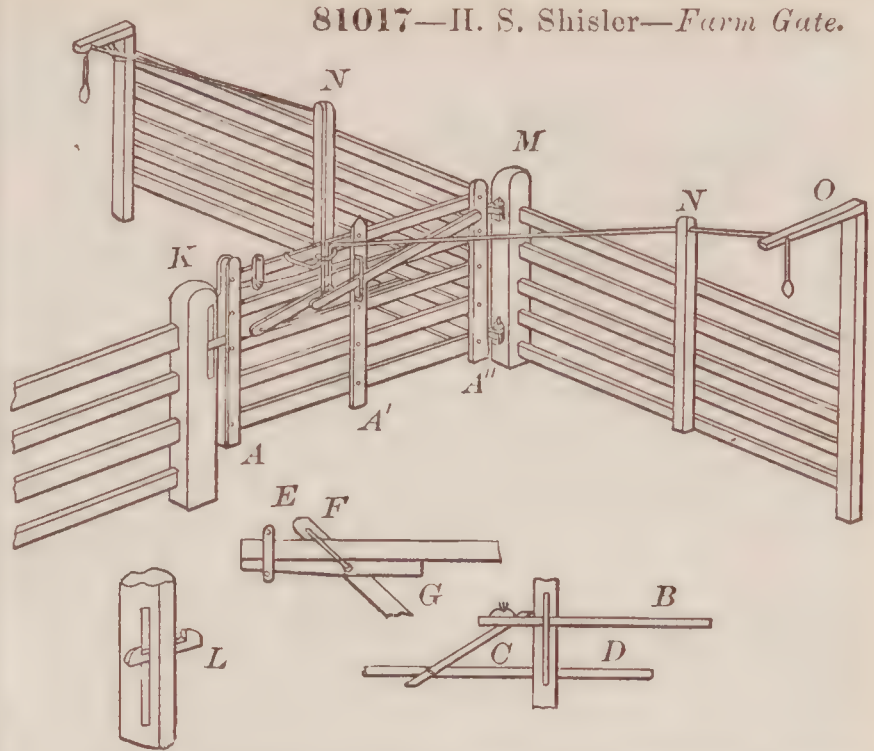
*Milling the Knife Edges of Scales.*81013—H. Schlotter—  
*For Raising Water.*

81015—L. Sexauer—Water Meter.

81014—J. Schmitt—  
*Shoe Last.*

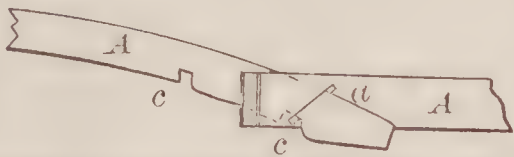


81016—J. Shellabarger—For Dampening Grain.



81017—H. S. Shisler—Farm Gate.

81018—J. A. Shone—Cotton Bale Tie.



81019—J. Shorey—Curtain Fixture.

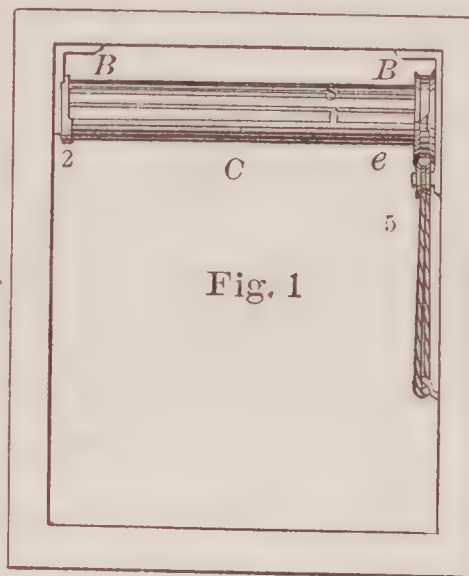


Fig. 1

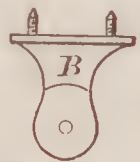
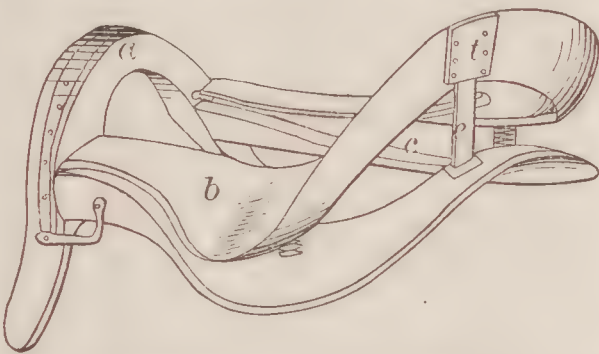
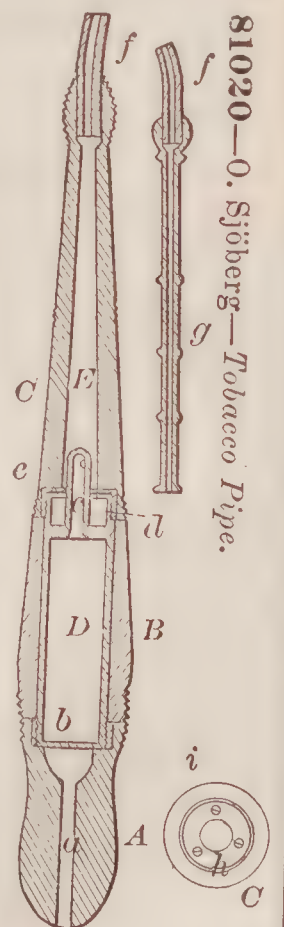
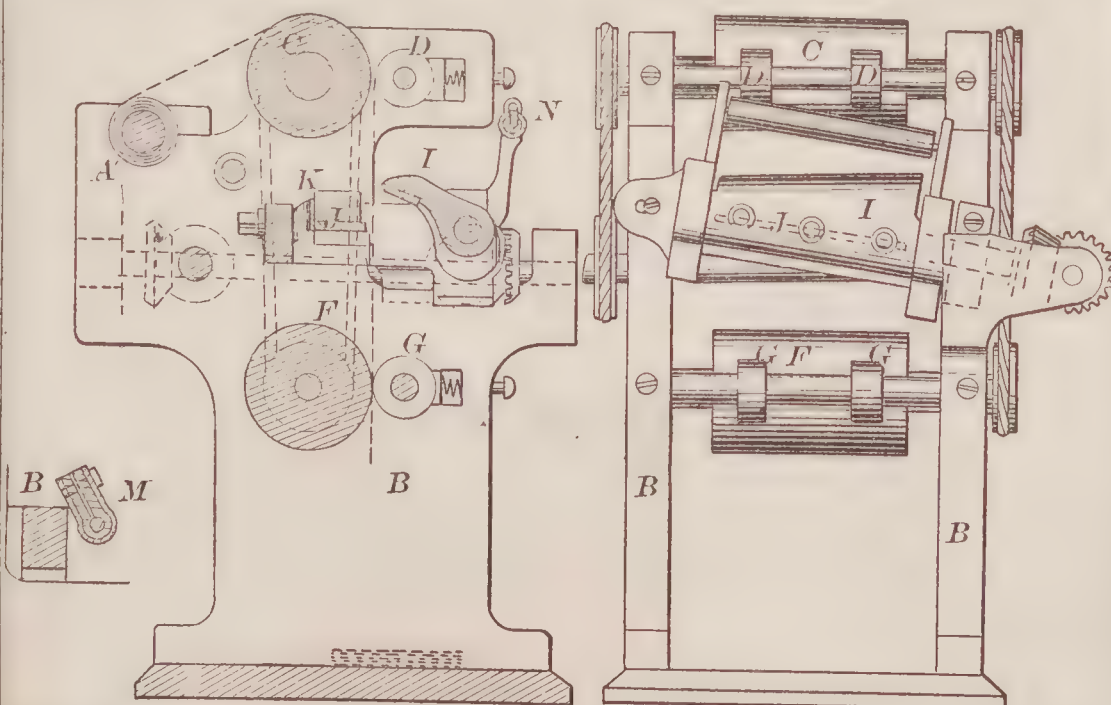


Fig. 2

81022—J. T. Smelser—Saddle Tree.

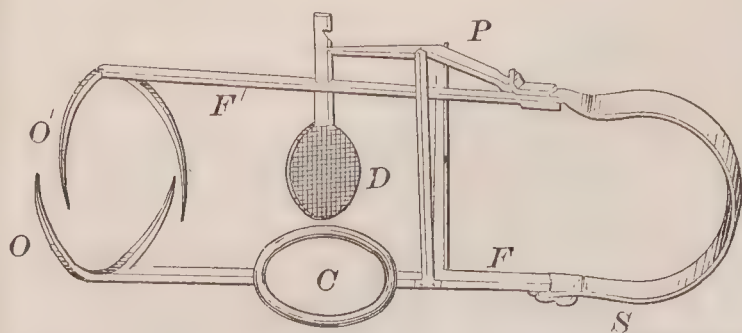
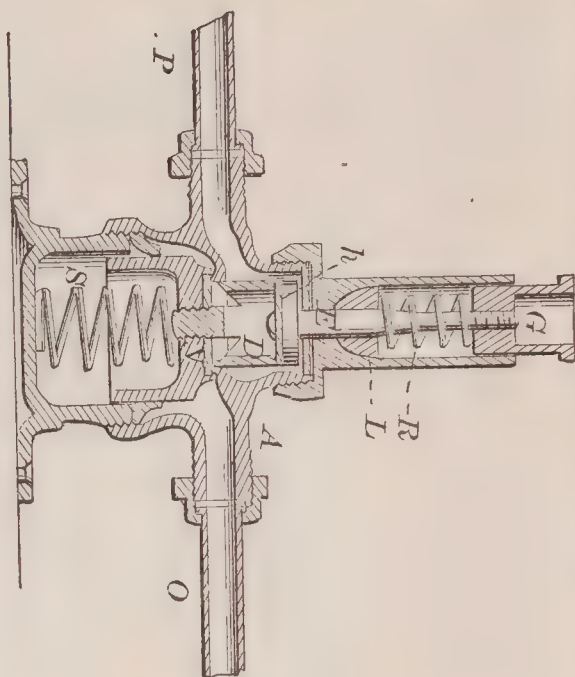
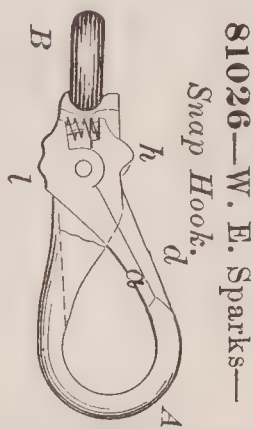
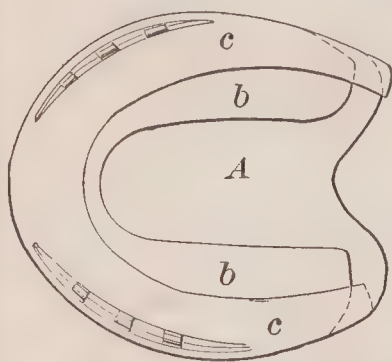
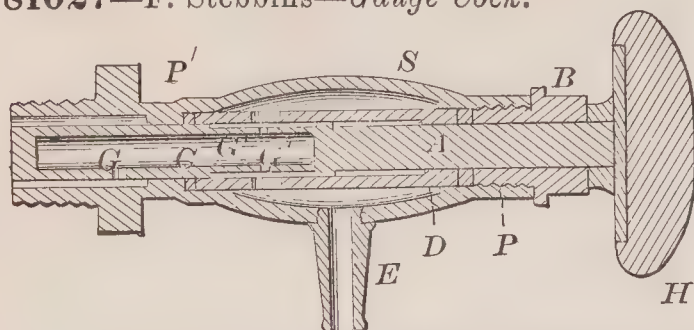
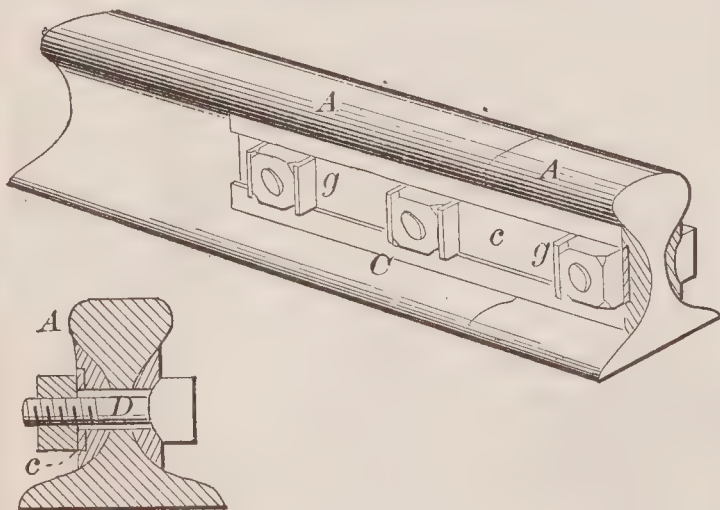
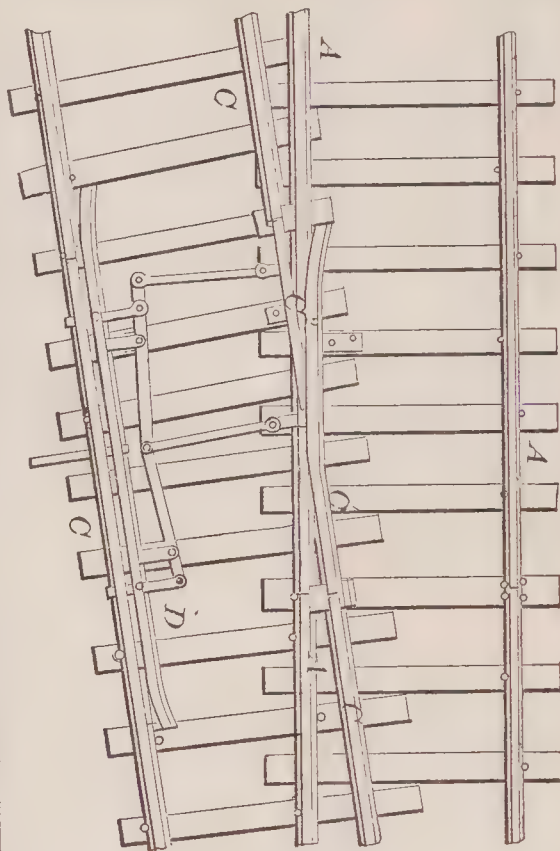
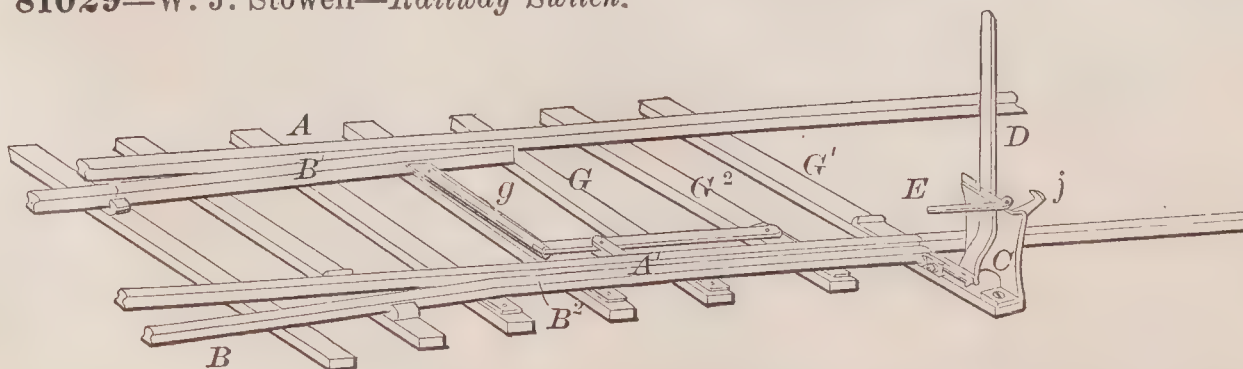


81021—H. Skidmore—For Cutting Paper.

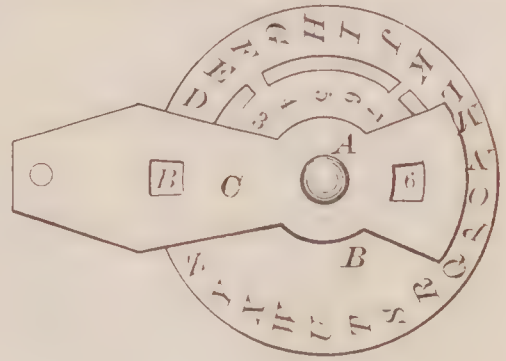


81020—O. Sjöberg—Tobacco Pipe.

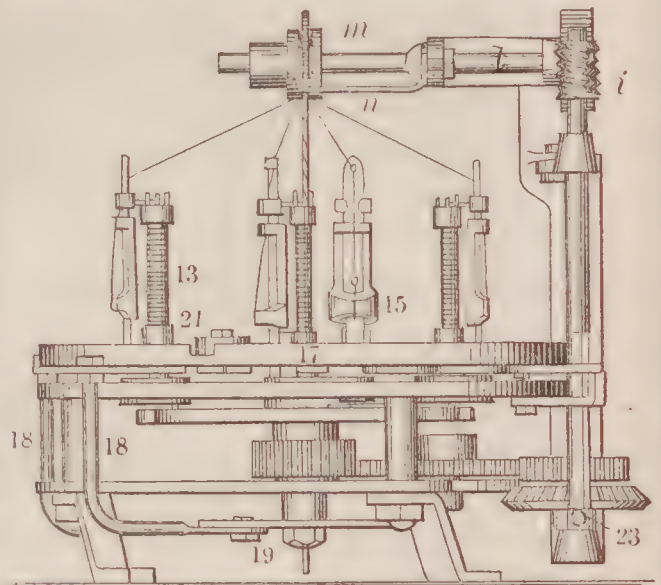


81023—O. R. Smith—*Animal Trap.*81024—W. Smith—*Water Closet Valve.*81025—H. W. Southworth—*Pad for Horses' Hoofs.*81026—W. E. Sparks—*Snap Hook.*81027—F. Stebbins—*Gauge Cock.*81030—W. J. Stowell—*Lock Nut.*81028—W. J. Stowell—*Railway Switch.*81029—W. J. Stowell—*Railway Switch.*

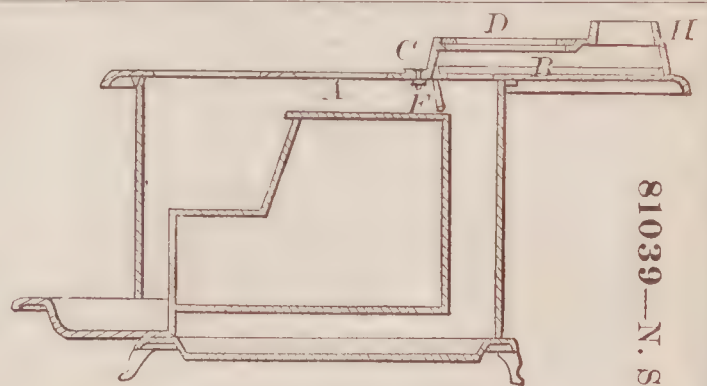
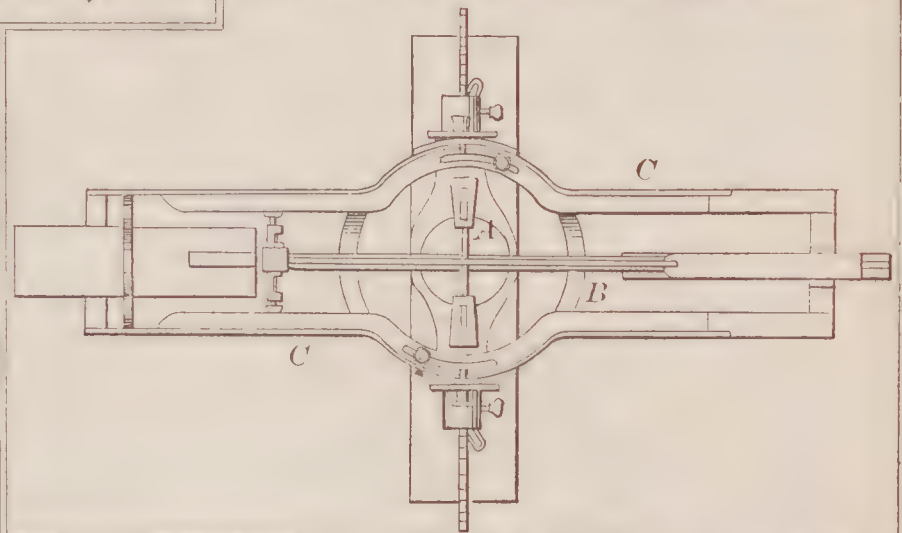
81032—E. L. Tarbox—*Stencil Plate*.



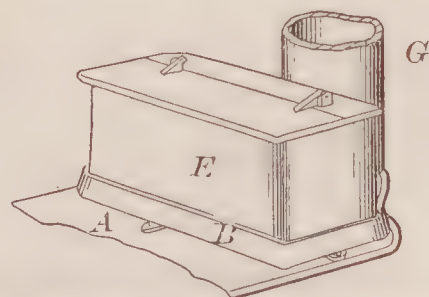
81038—W. Tunstill—*Braiding Machine*.



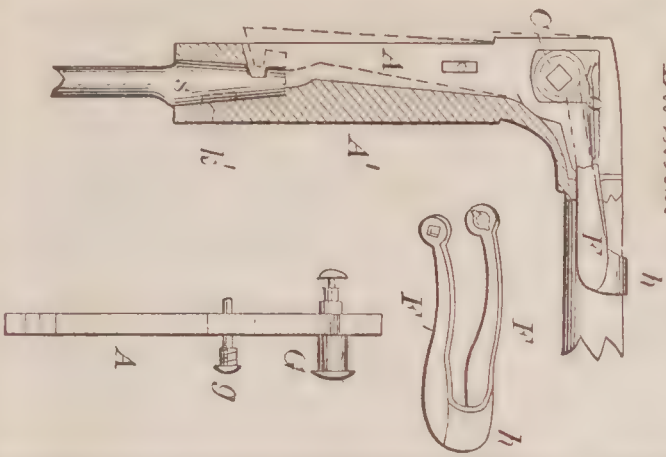
81035—J. Temple—*Saw Filing Machine*.



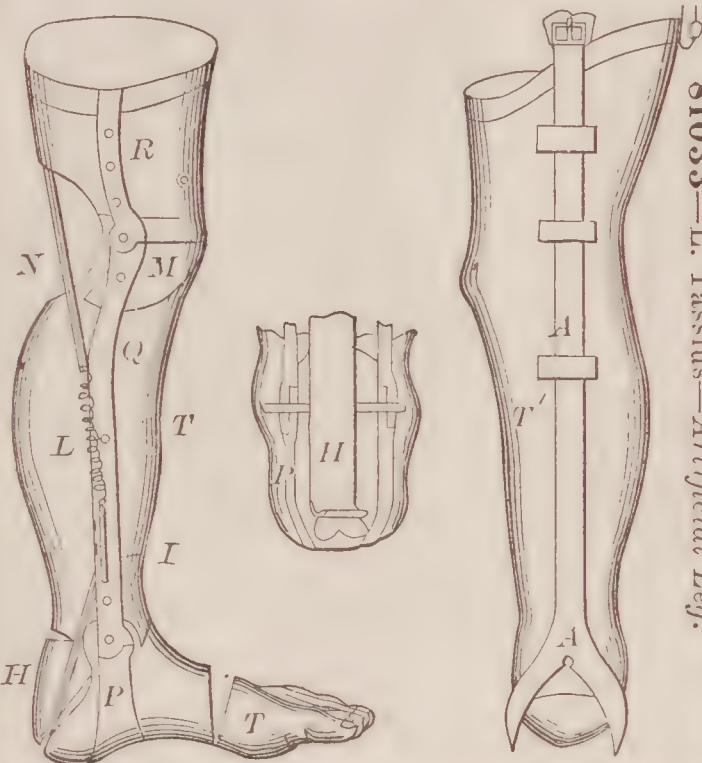
81039—N. S. Vedder—*Stone*.



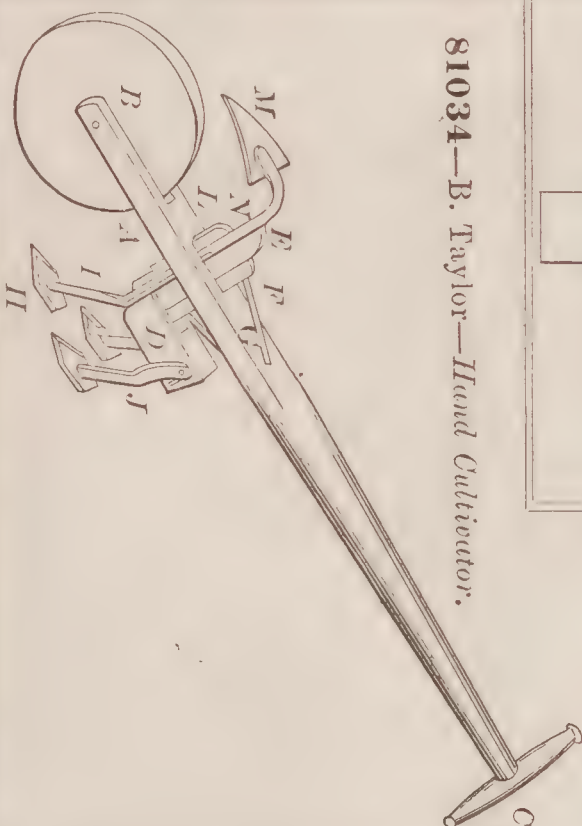
81031—O. G. Stratton—*Bit Stock*.



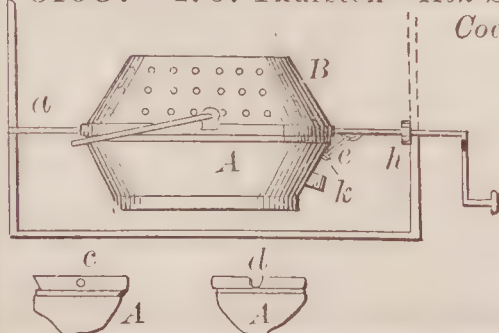
81033—L. Tassius—*Artificial Leg*.



81034—B. Taylor—*Hand Cultivator*.

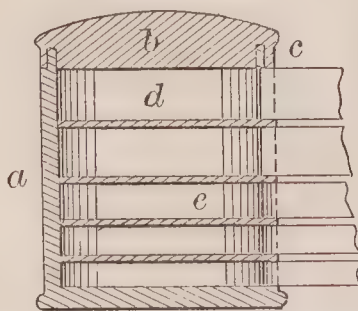


81037—T. J. Thurston—*Ash Screen and Coal Hod*.

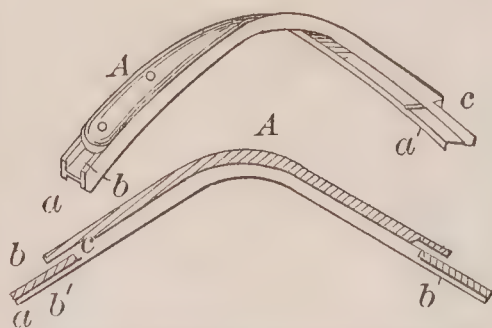




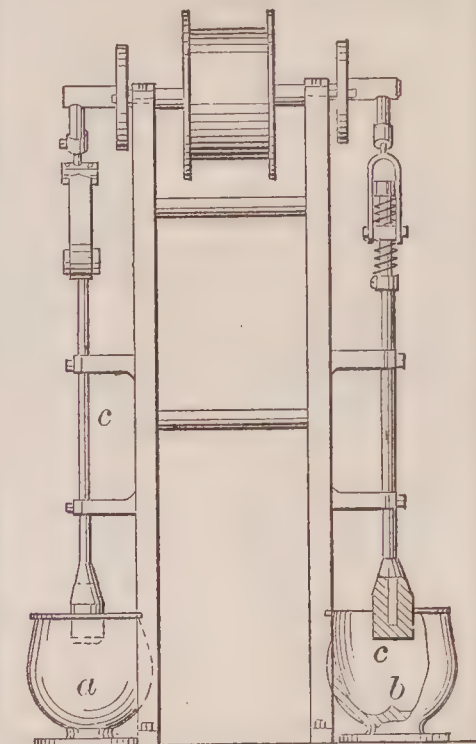
**81040—**  
M. B. Westhead—  
*Tape Box.*



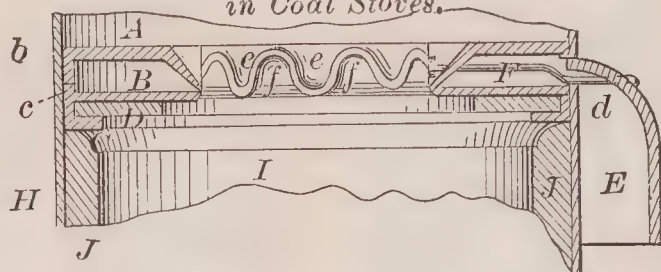
**81041—J. H. Whissemore—**  
*Harness Tree.*



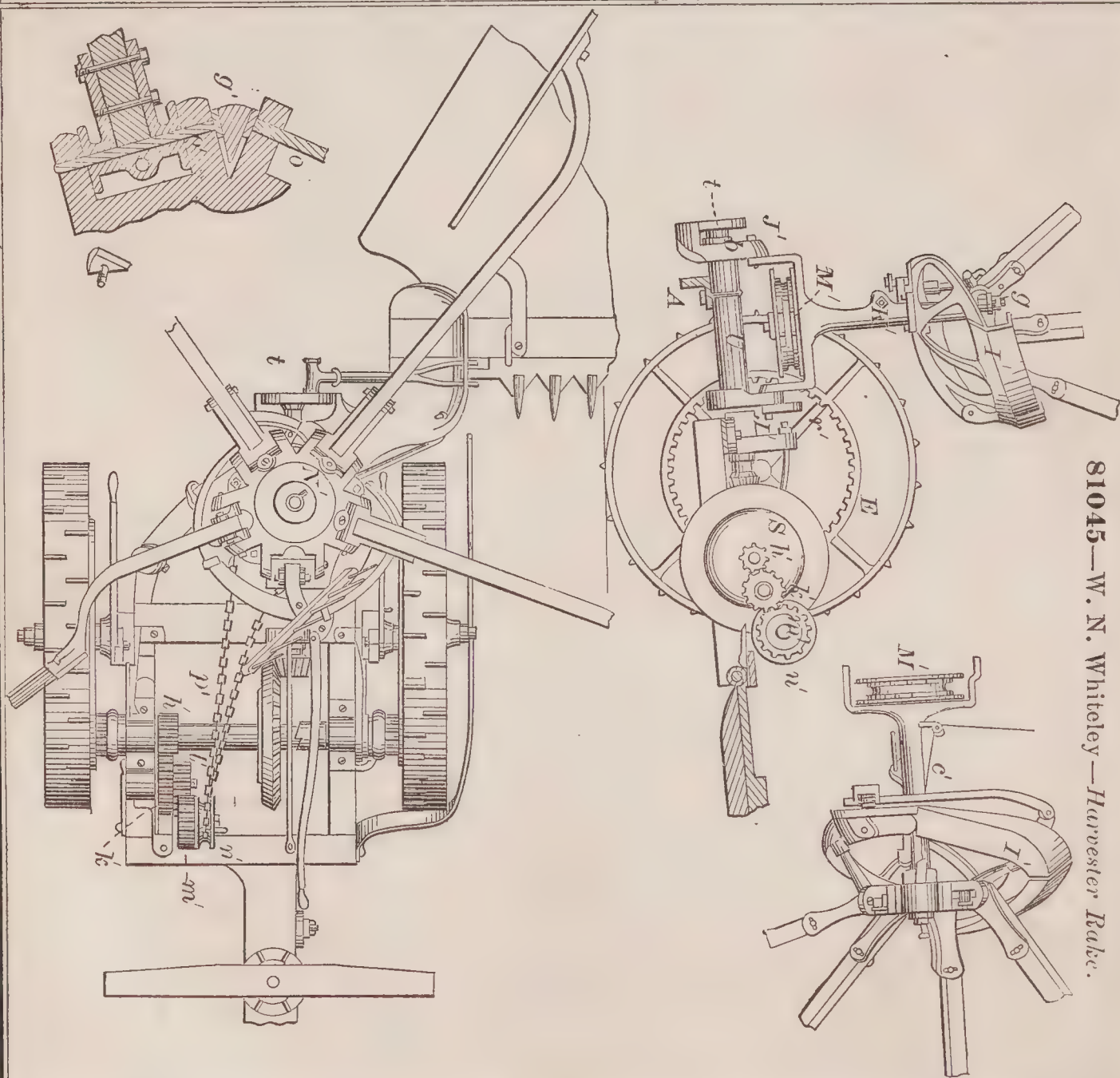
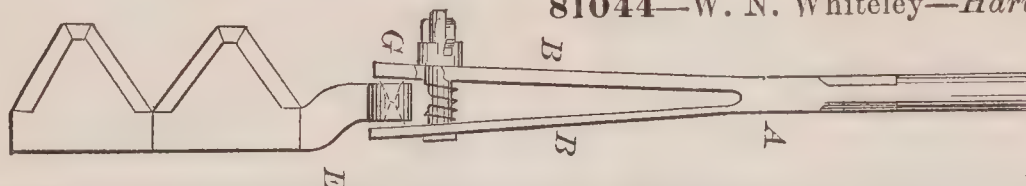
**81042—J. H. White—***Rice*  
*Pounding Machine.*



**81043—W. H. Whitehead—***Combustion Chamber*  
*in Coal Stoves.*



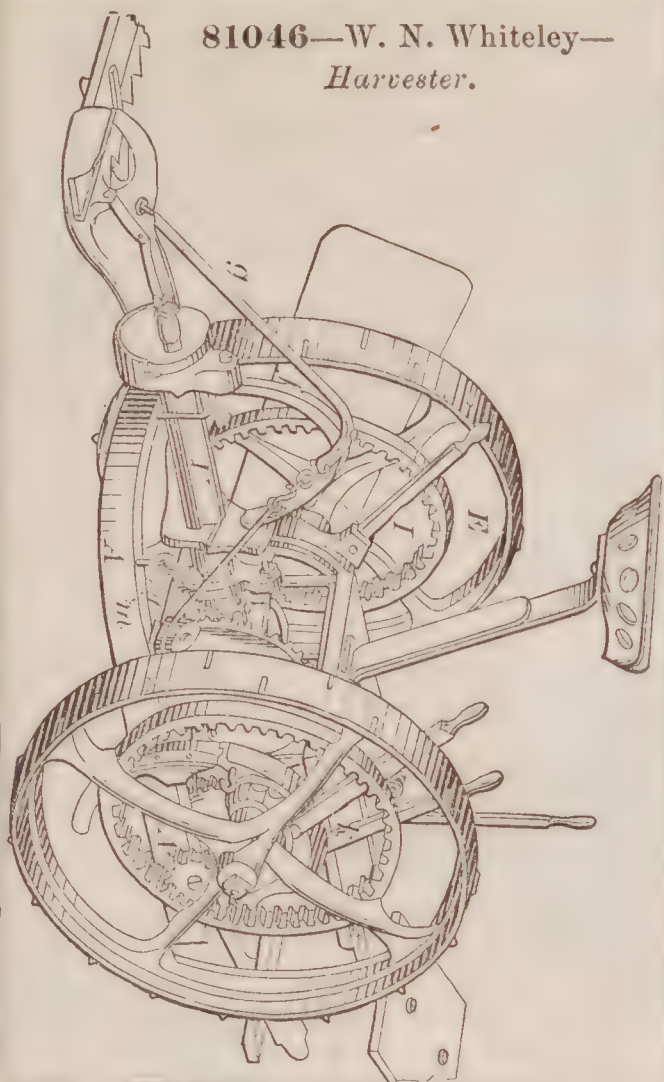
**81044—W. N. Whiteley—***Harvester Cutter.*



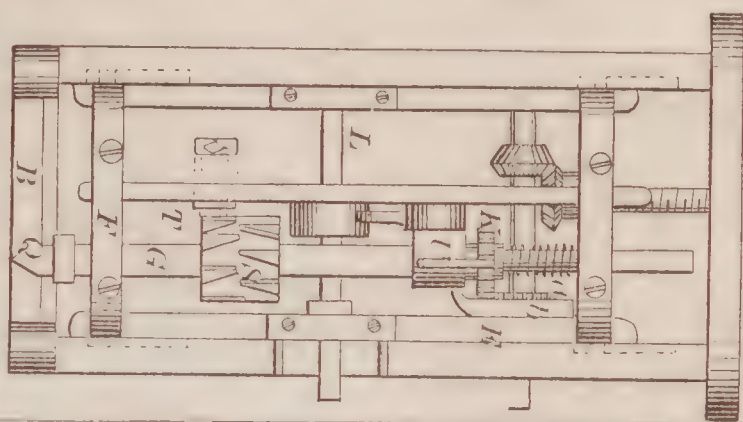
**81045—W. N. Whiteley—***Harvester Rake.*



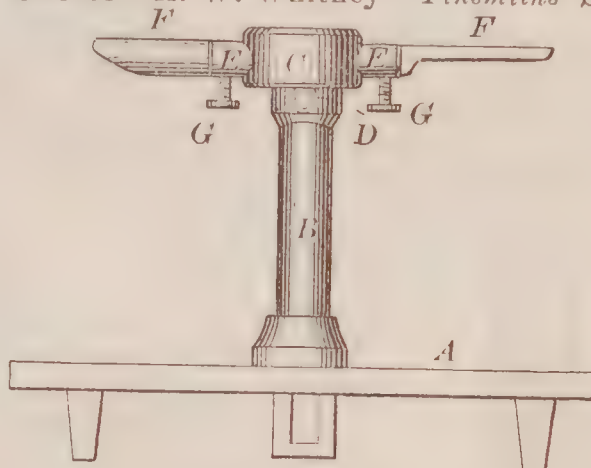
81046—W. N. Whiteley—*Harvester.*



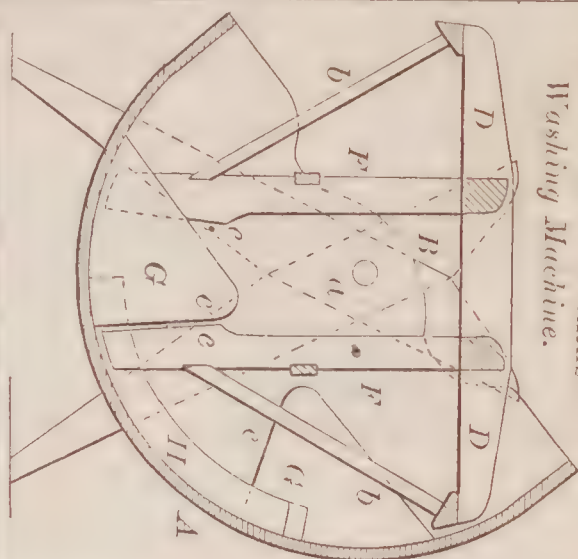
81047—C. Whitmore—*Rock Drill.*



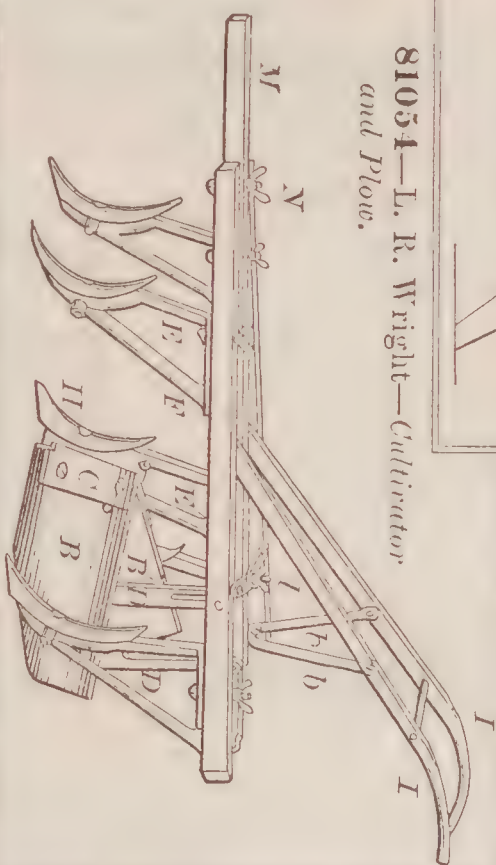
81048—A. W. Whitney—*Tinsmiths' Stake.*



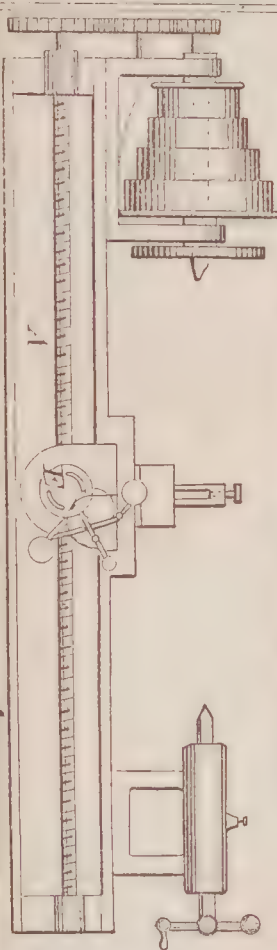
81050—A. G. Wilkins—*Washing Machine.*



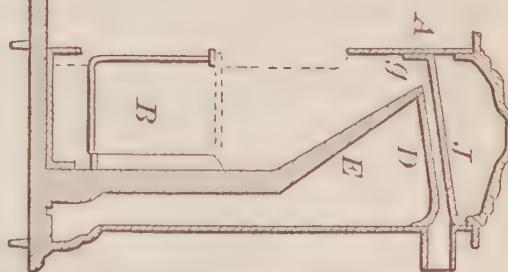
81054—L. R. Wright—*Cultivator and Plow.*



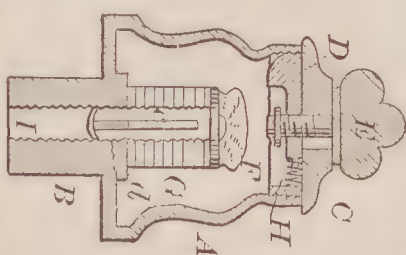
81049—S. L. Wiegand—*Screw Cutting Machine.*



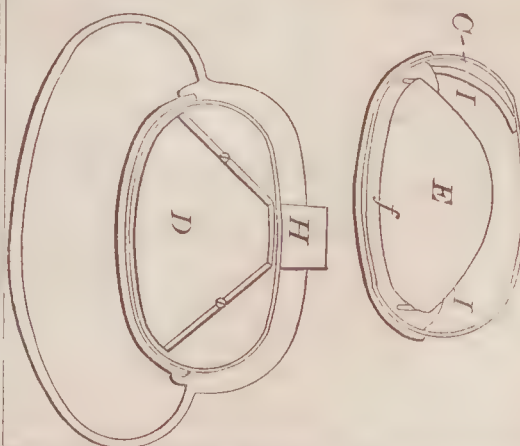
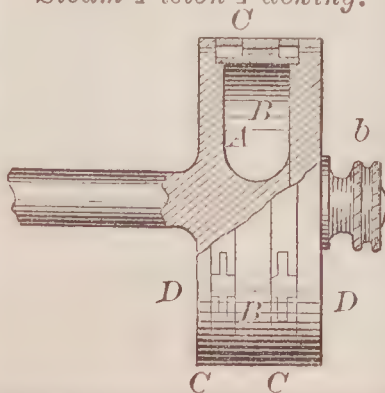
81053—G. O. Woodcock—*Coal Stove.*



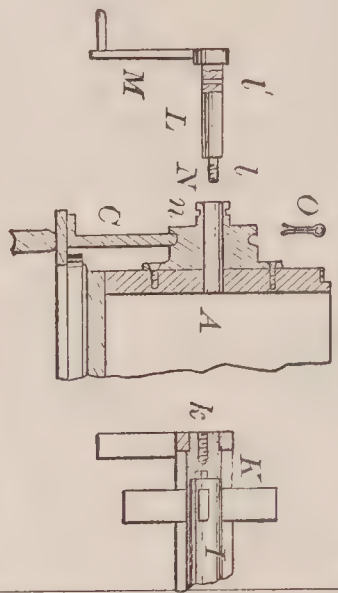
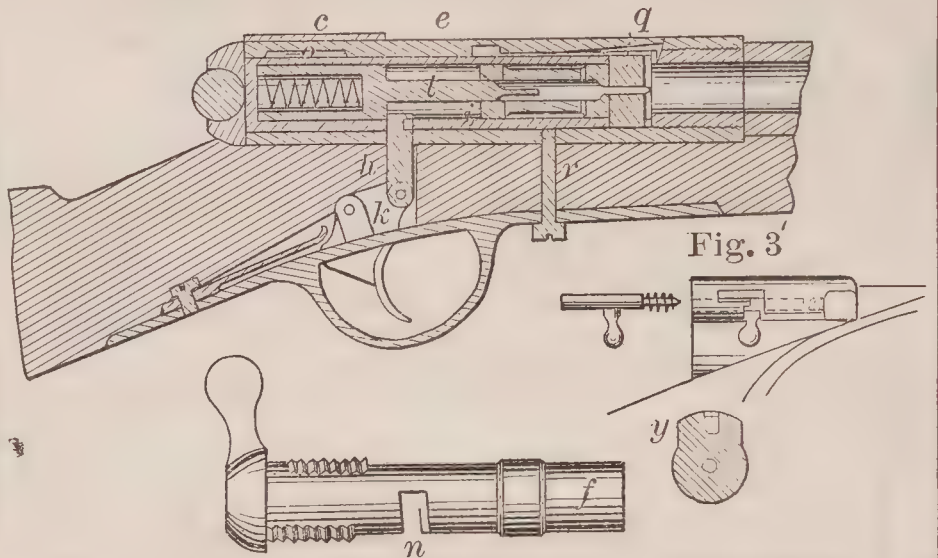
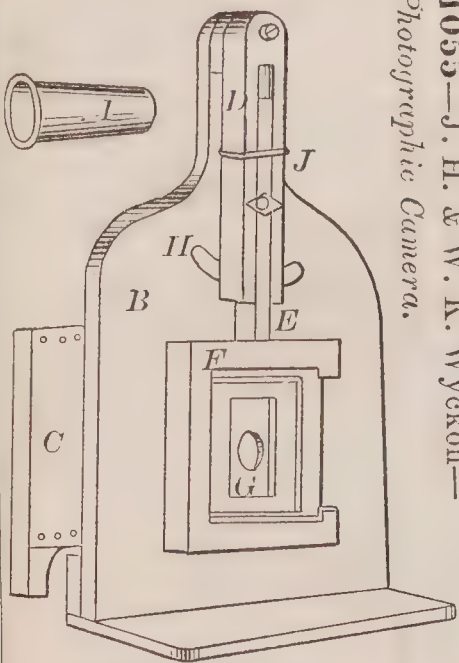
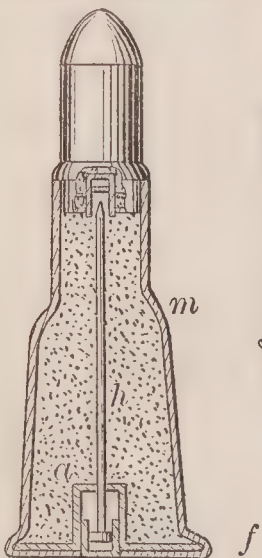
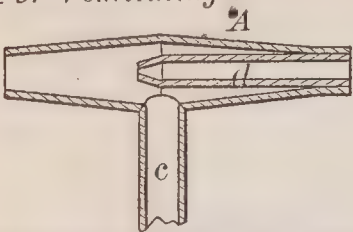
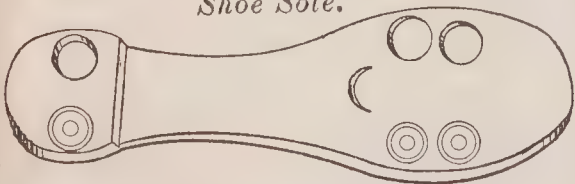
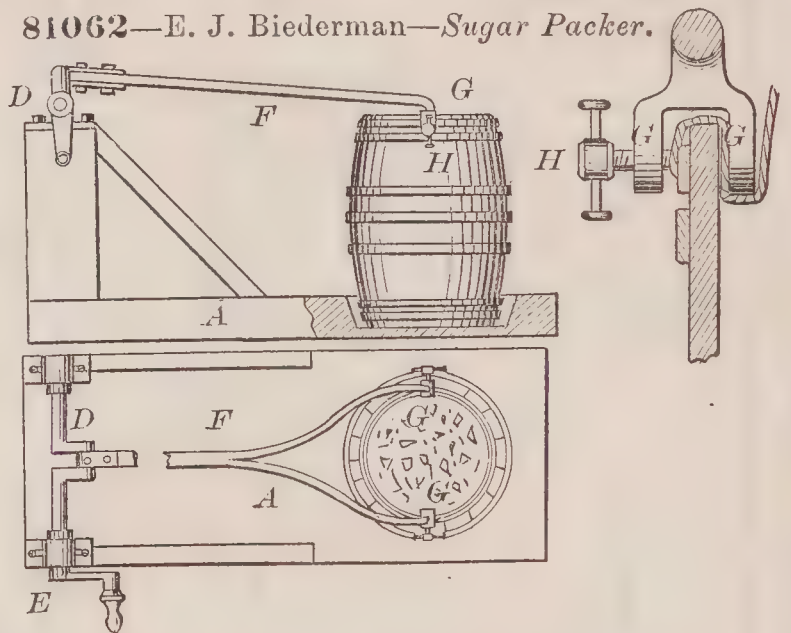
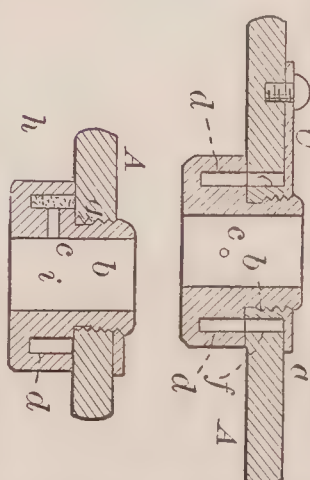
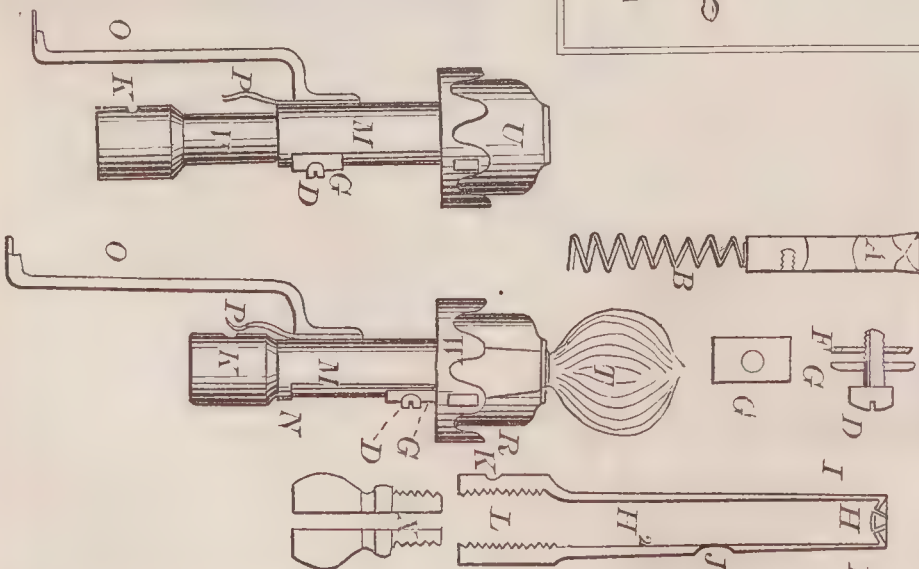
81051—N. B. Williams—*Oil Cup.*



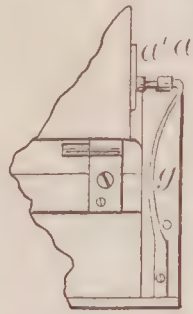
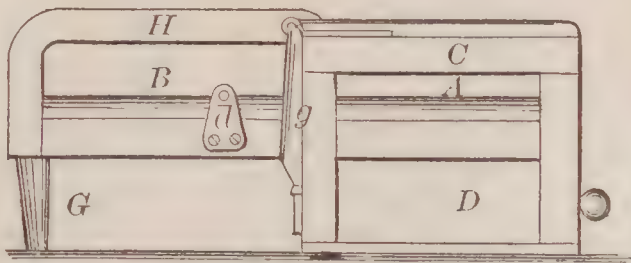
81052—W. Wilson—*Steam Piston Packing.*



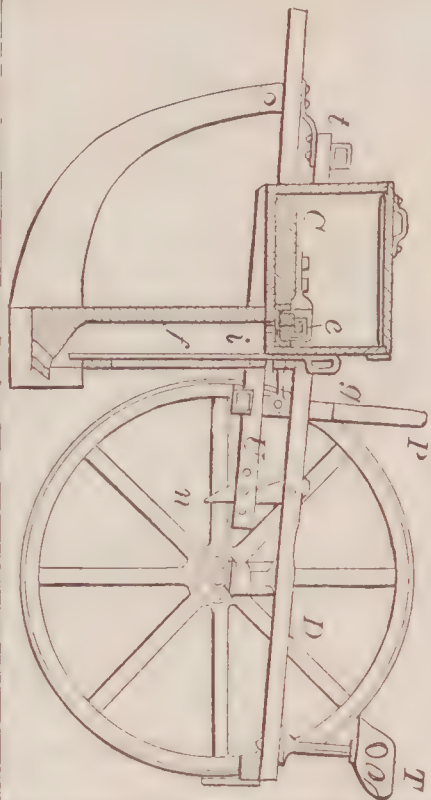


81056—C. E. Zimmerman—*Churn.*81059—B. Burton—*Fire Arm.*81055—J. H. & W. K. Wyckoff—*Photographic Camera.*81058—B. Burton—*Priming Metallic Cartridges.*81060—E. H. Ashcroft—*For Ventilating and Desiccating.*81061—A. J. Basset—*Boot and Shoe Sole.*81062—E. J. Biederman—*Sugar Packer.*81064—J. Brown—*Bearing for Pliers in Spinning Machines.*81063—W. J. Brasington—*Gas Burner.*

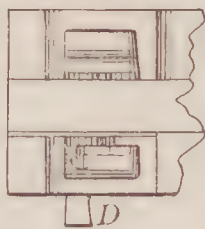
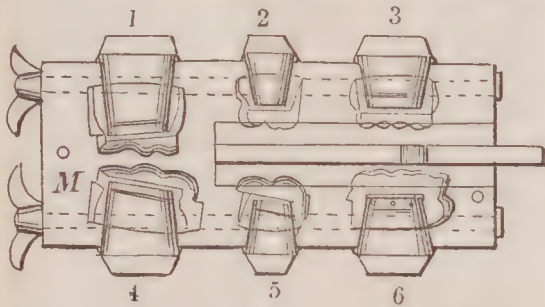
81065—W. Brown—*Sofa Bed.*



81066—J. Case—*Corn Planter.*



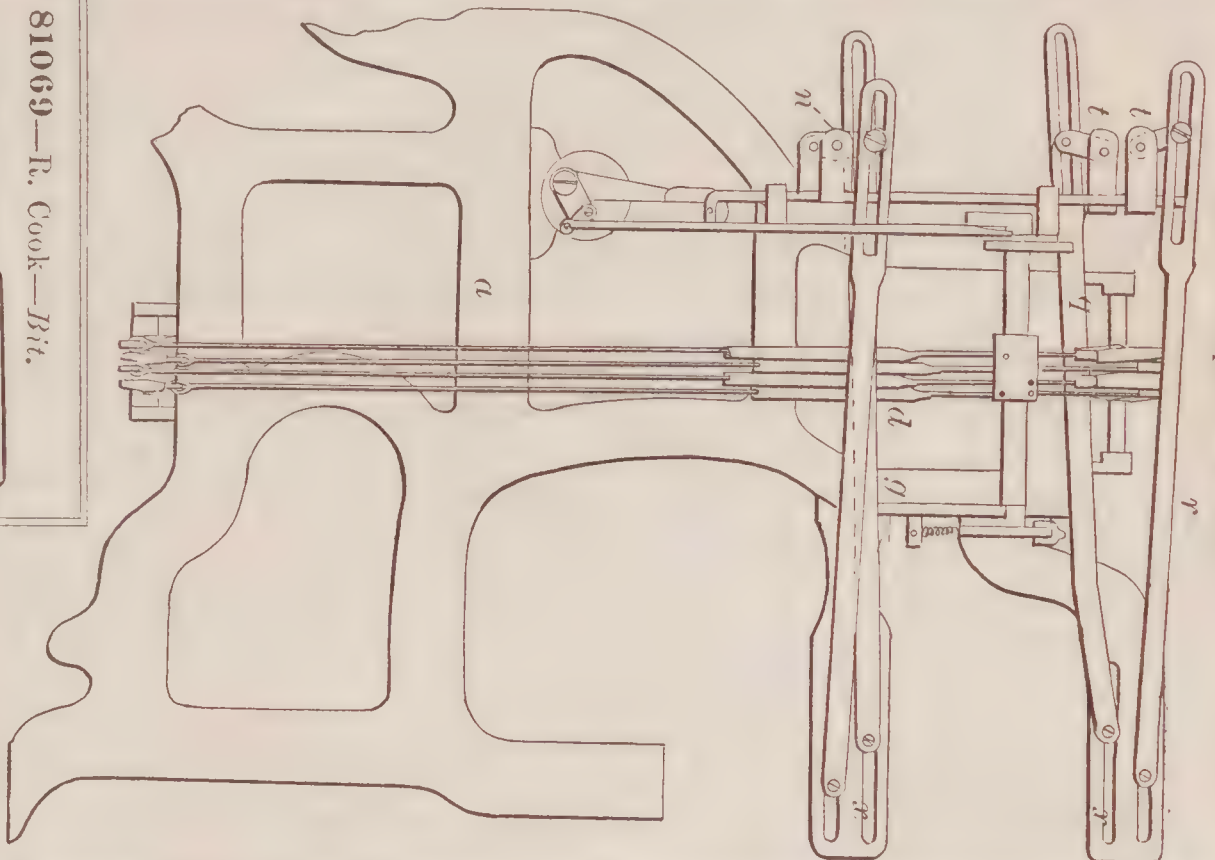
81068—J. W. Clark—*Artificial Teeth.*



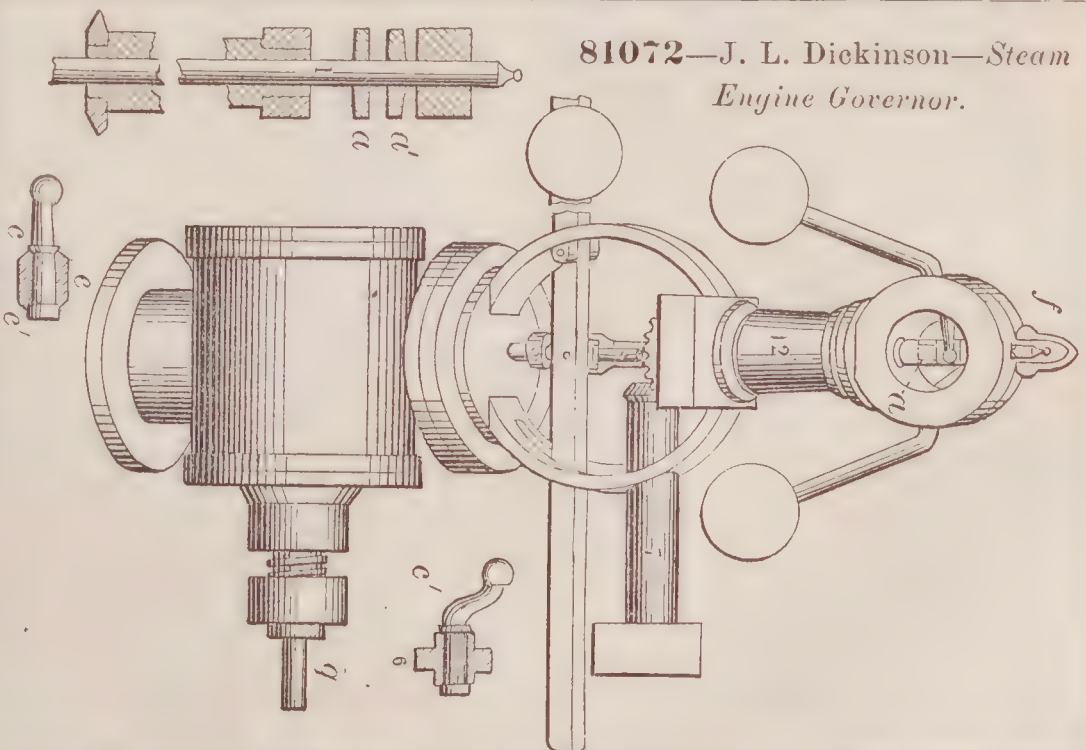
81069—R. Cook—*Bit.*



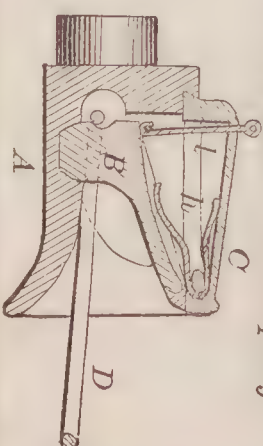
81070—G. Crompton—*Loom.*



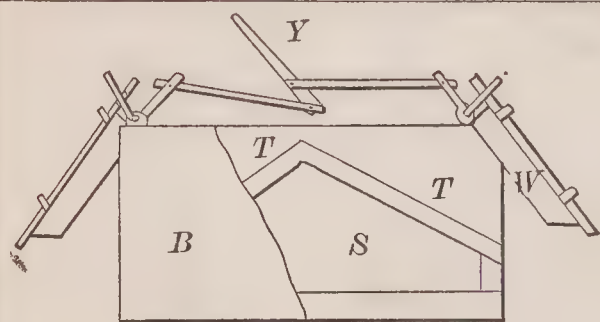
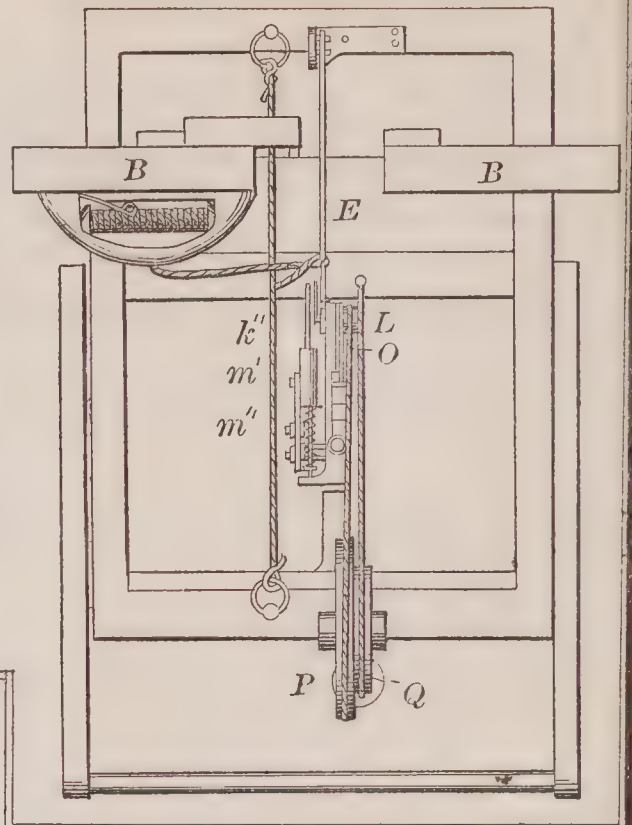
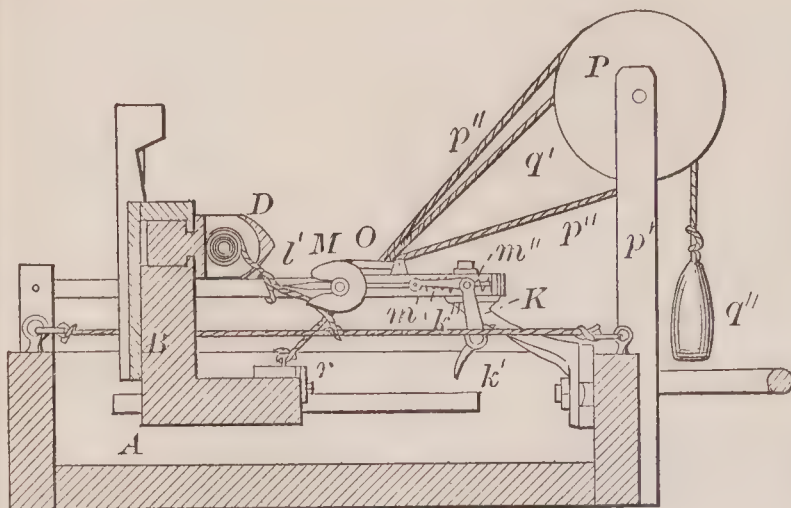
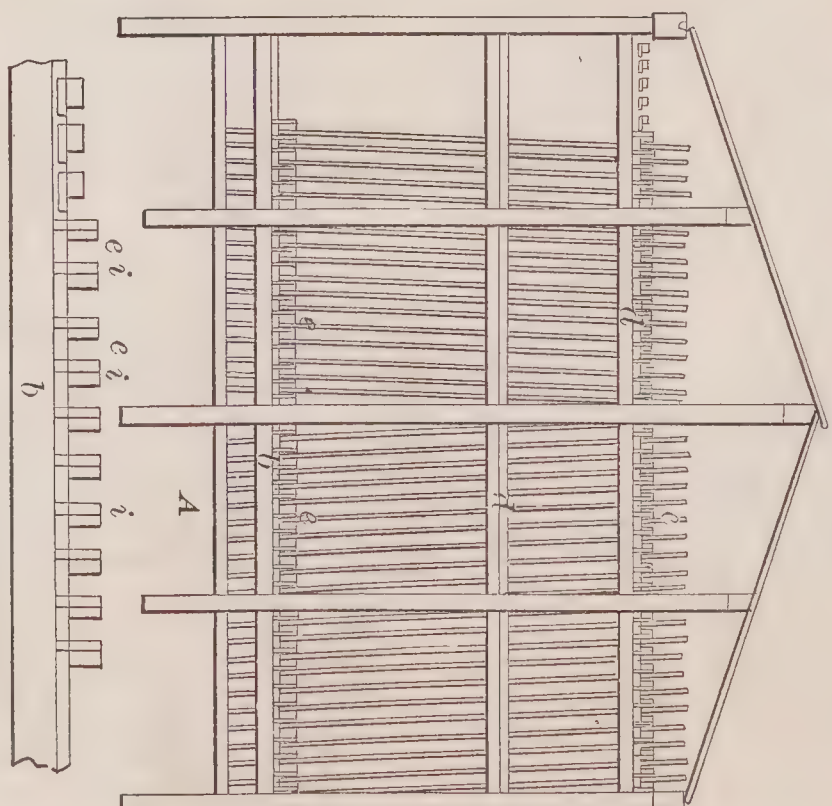
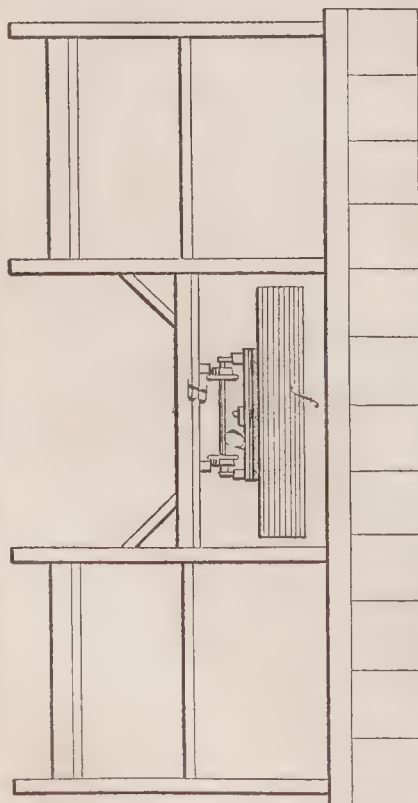
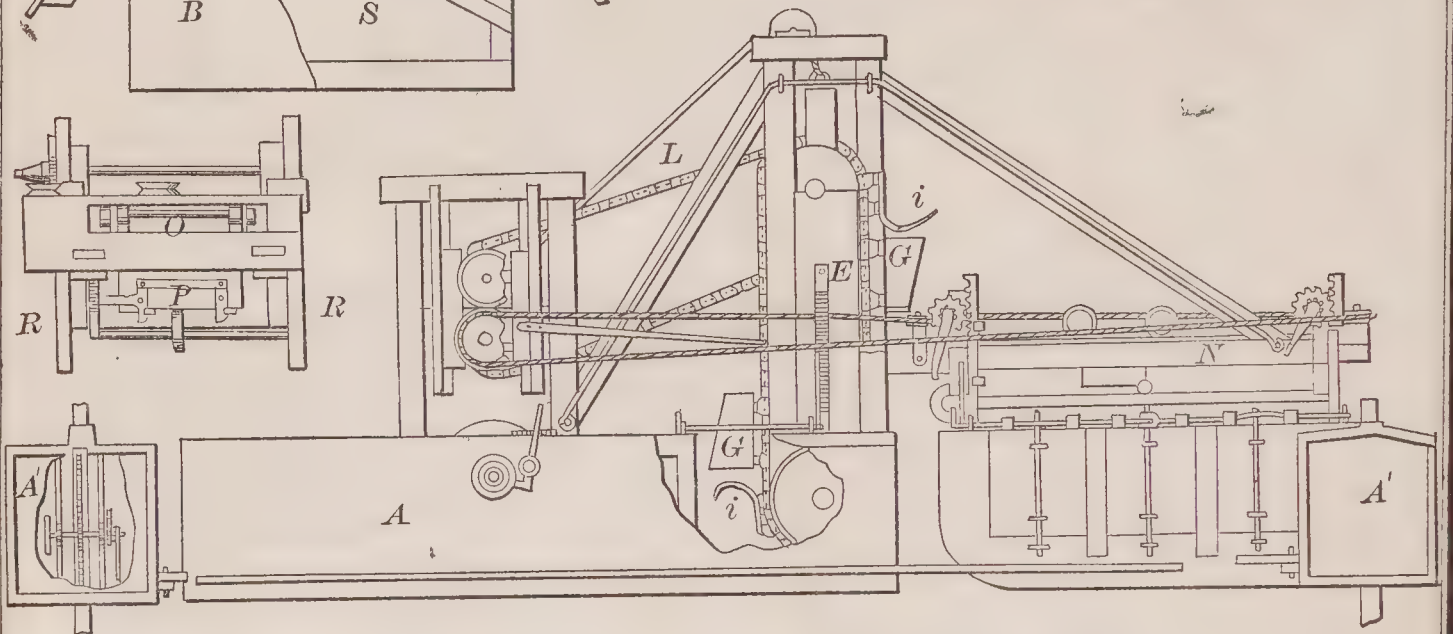
81072—J. L. Dickinson—*Steam Engine Governor.*



81067—E. W. Chadwick—*Car Coupling.*

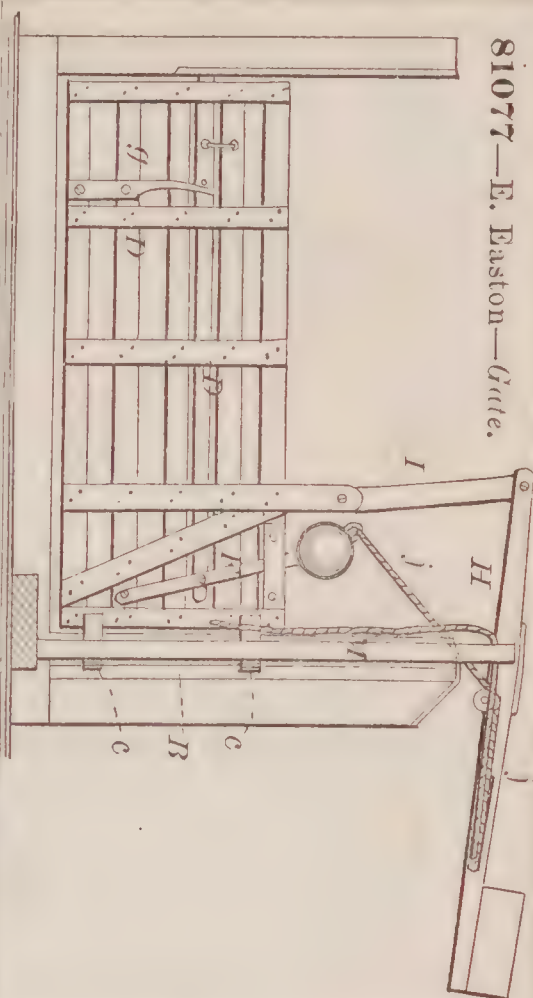




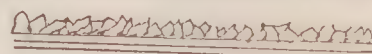
81073—E. Doran—*For Making Fringe.*81076—J. Du Bois—*Dredging Machine.*81074—J. Du Bois—*Lumber Dryer.*



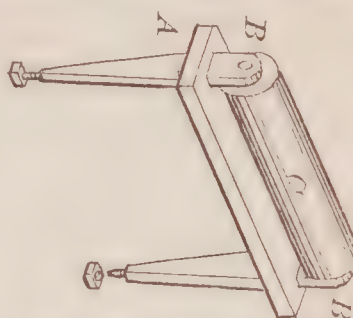
81077—E. Easton—*Gate.*



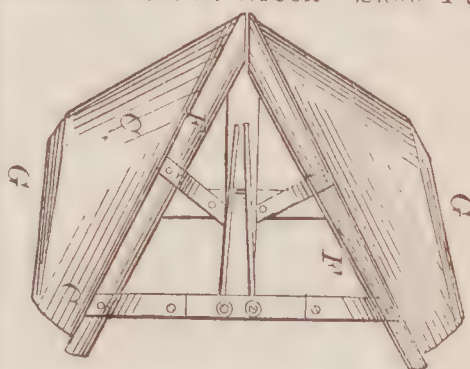
81078—M. Ehret, Jr.—*Roofing.*



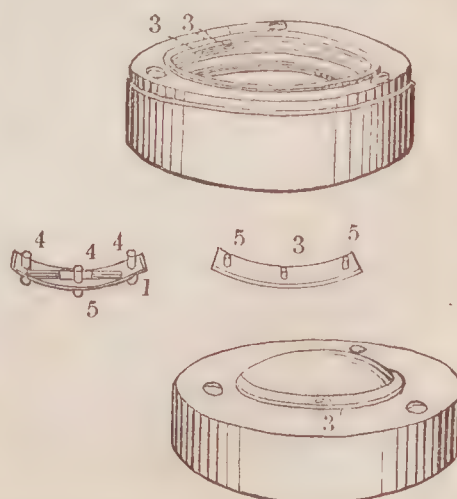
81079—J. Elmhire—*Arts.*



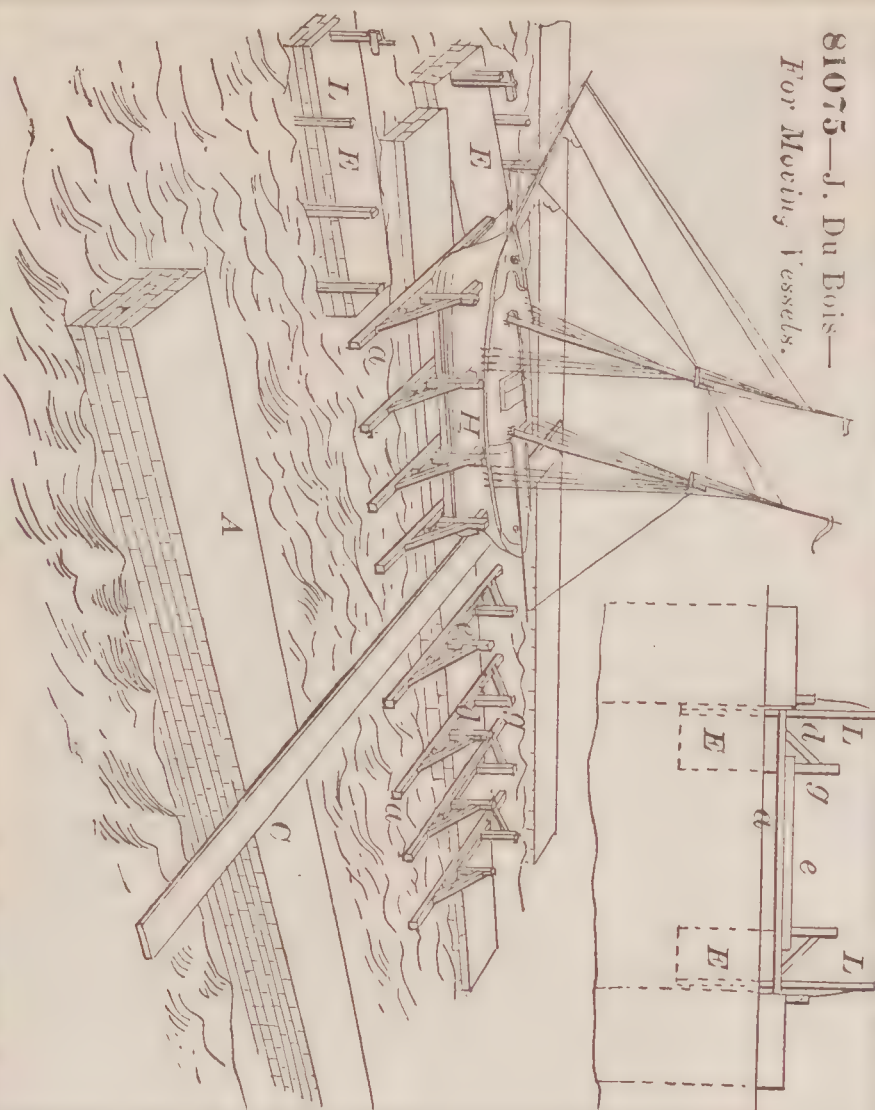
81081—N. S. Green—*Snow Plow.*



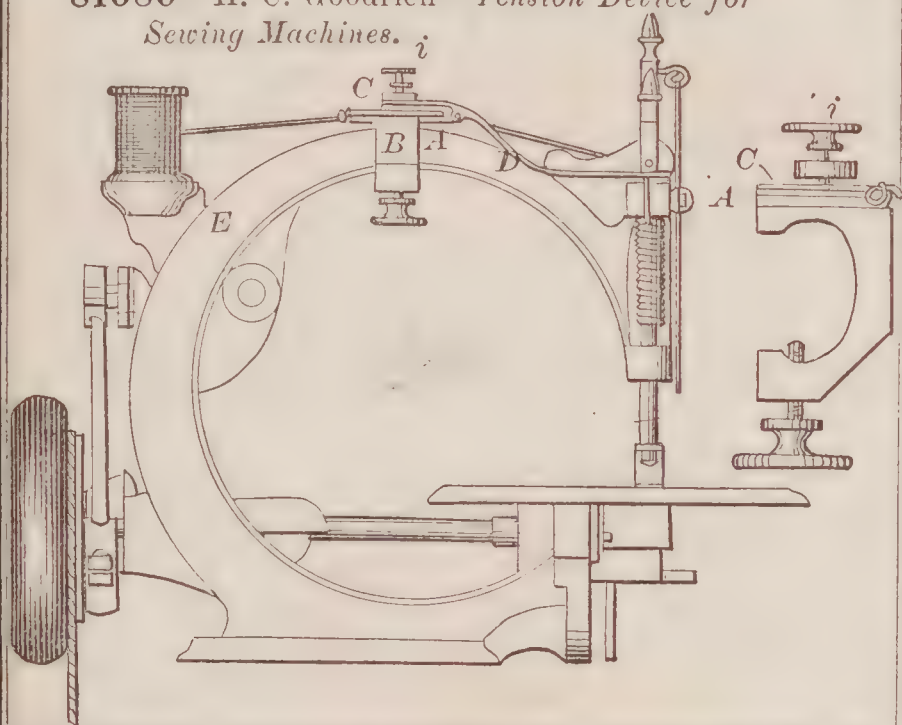
81082—W. H. Halsey—*Moulding*  
Watch Cases and Lockets from  
Hard Rubber.



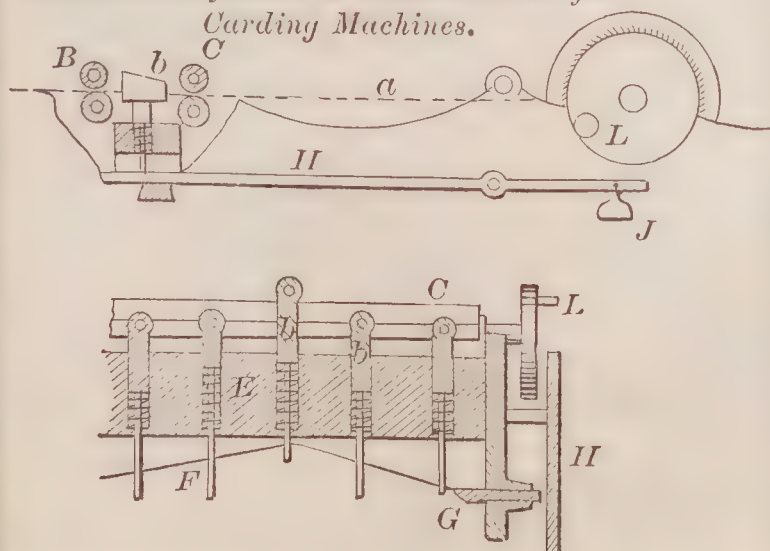
81075—J. Du Bois—*For Mooring Vessels.*



81080—H. C. Goodrich—*Tension Device for*  
*Sewing Machines.*

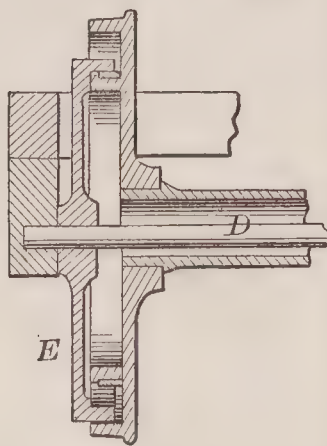
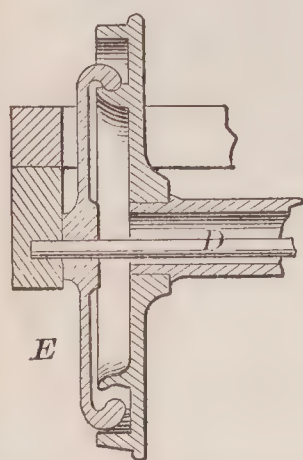
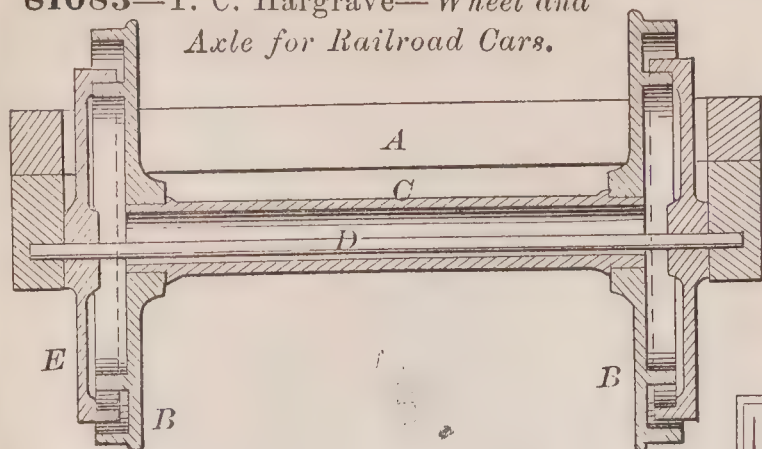


81084—Haythorn & Price—*Alarm for*  
*Carding Machines.*

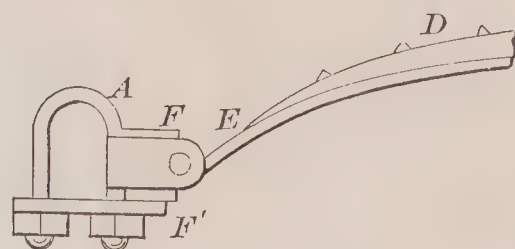




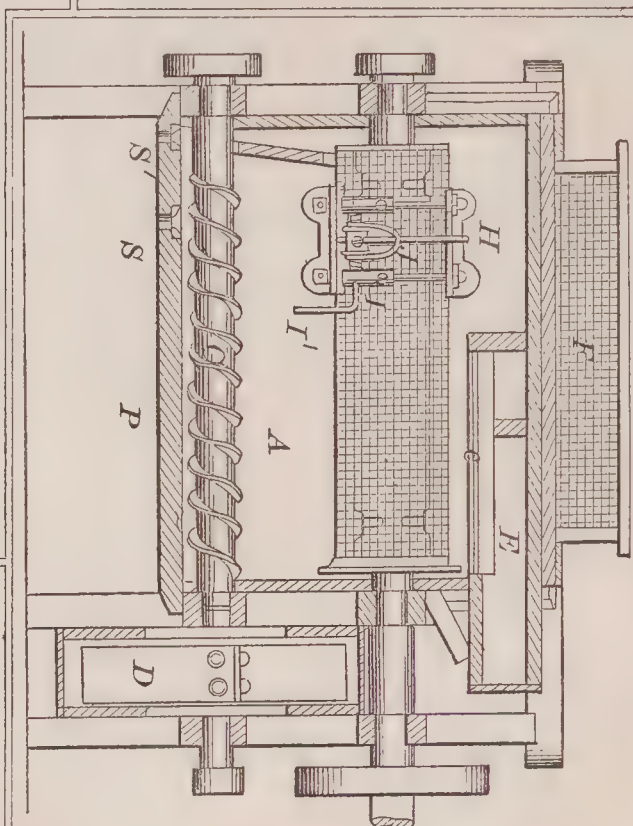
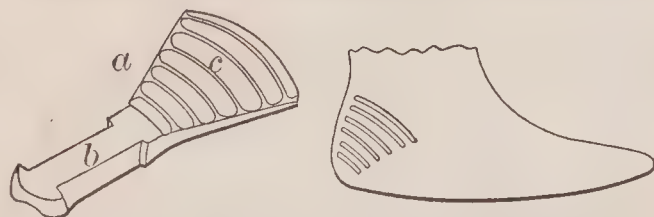
**81083**—T. C. Hargrave—*Wheel and Axle for Railroad Cars.*



**81085**—S. E. Horner—*Thill Coupling.*

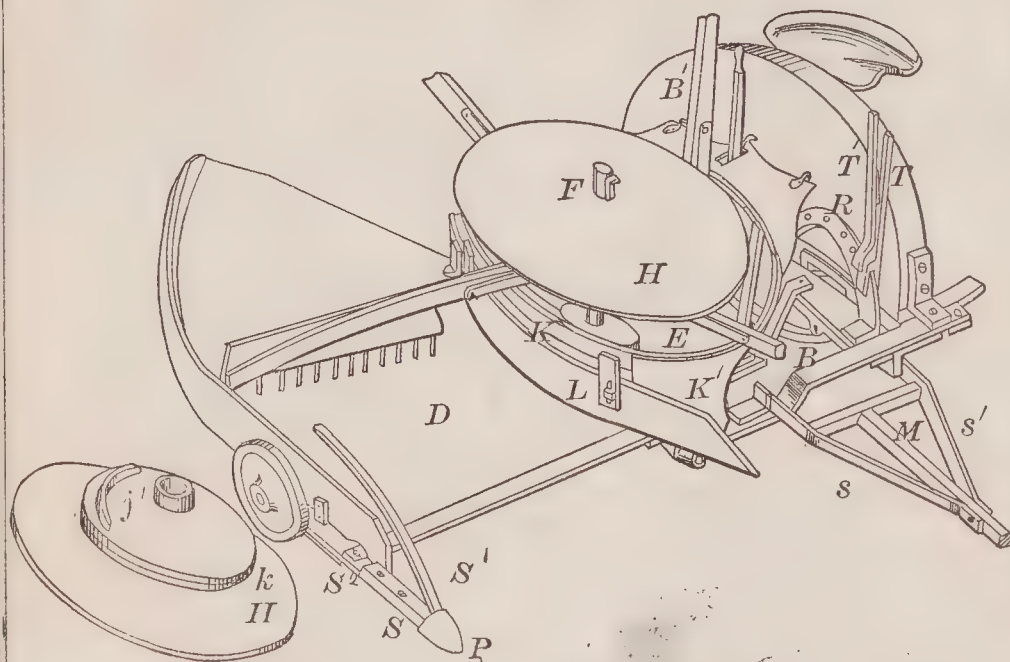


**81087**—A. J. F. Howard—*Boot Crimper.*

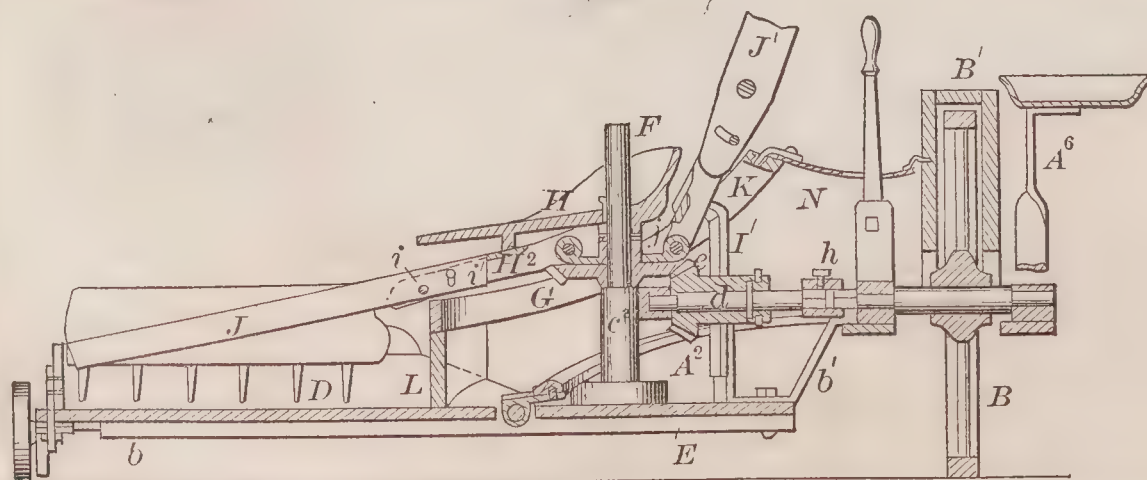
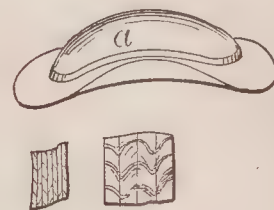


**81086**—C. B. Horton—*Flour Bolt.*

**81090**—S. Hull—*Harvester Rake.*

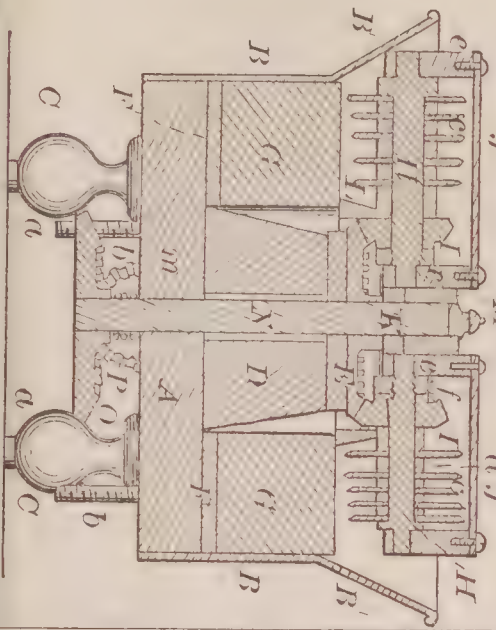


**81089**—Hulbert & Follett—*Hat.*

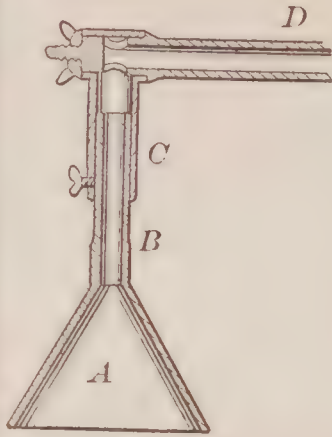




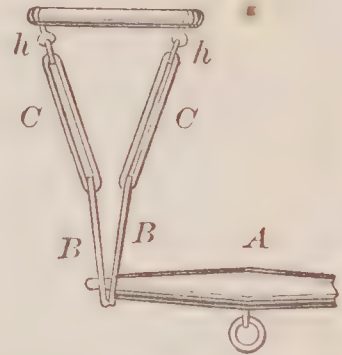
81088—J. C. Howe—Meat Cutter.



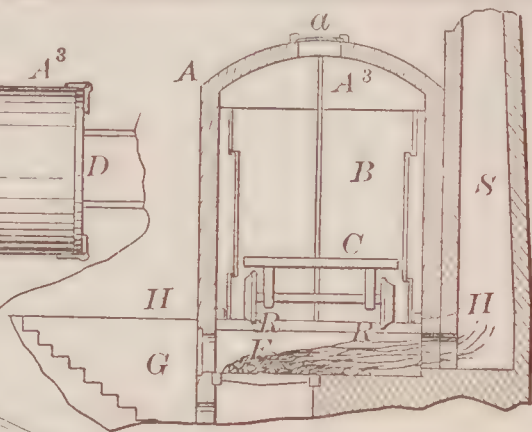
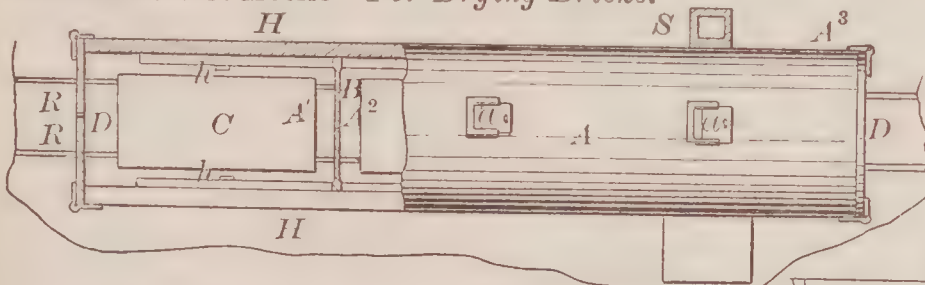
81091—A. Hurff—Ventilator.



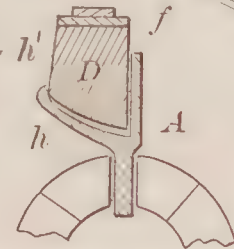
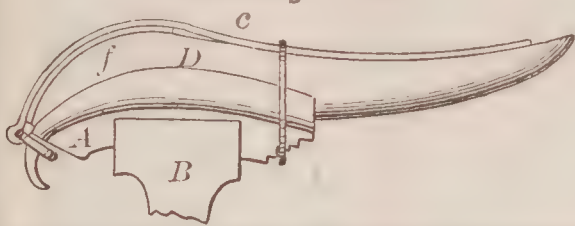
81092—N. Irish—Attaching Pole Straps to Neck Yokes.



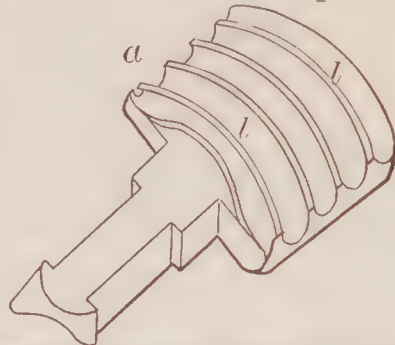
81094—W. O. Leslie—For Drying Bricks.



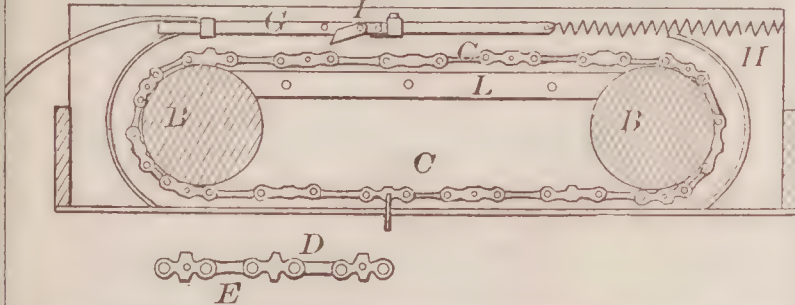
81095—W. P. Letchworth—For Bending Wood.



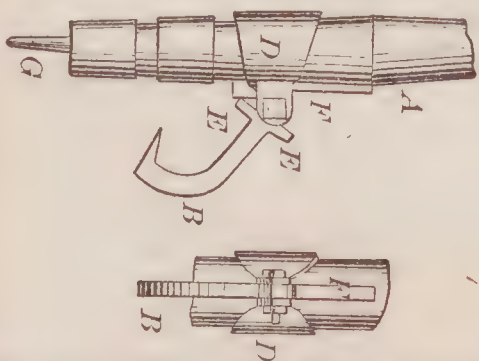
81096—Mann & Howard—Boot Crimp.



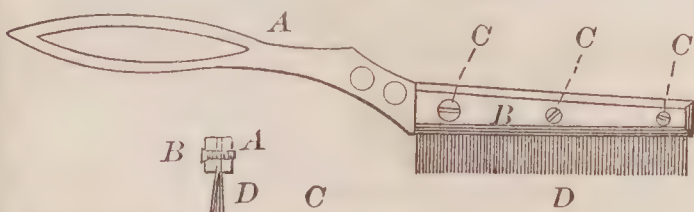
81097—C. K. Marshall—Station Indicator.



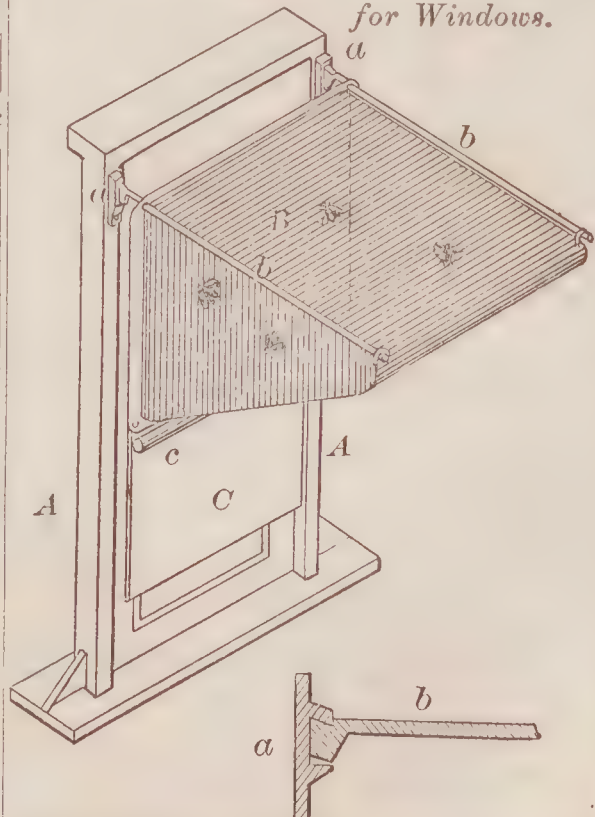
81098—J. McDonald—Cant Hook.



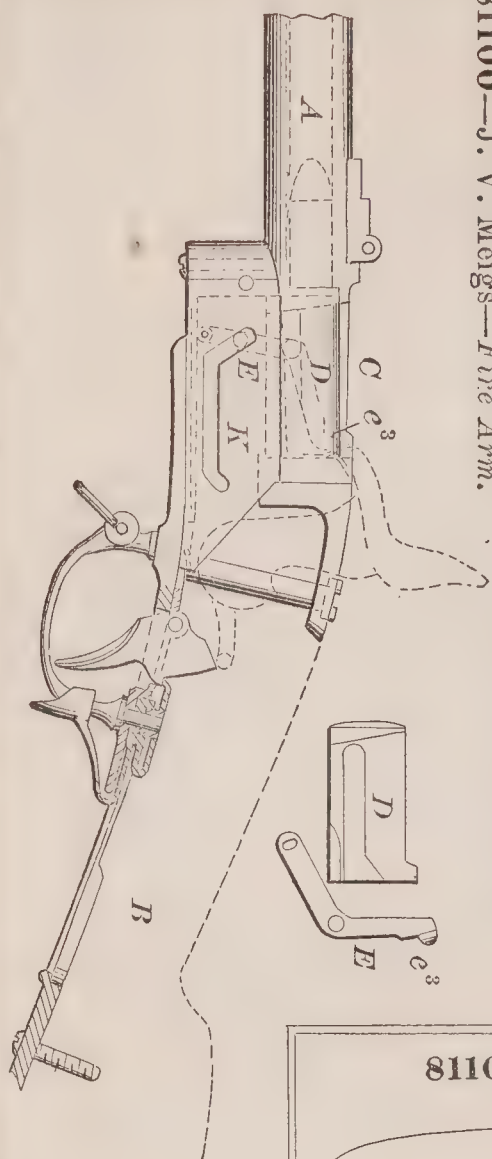
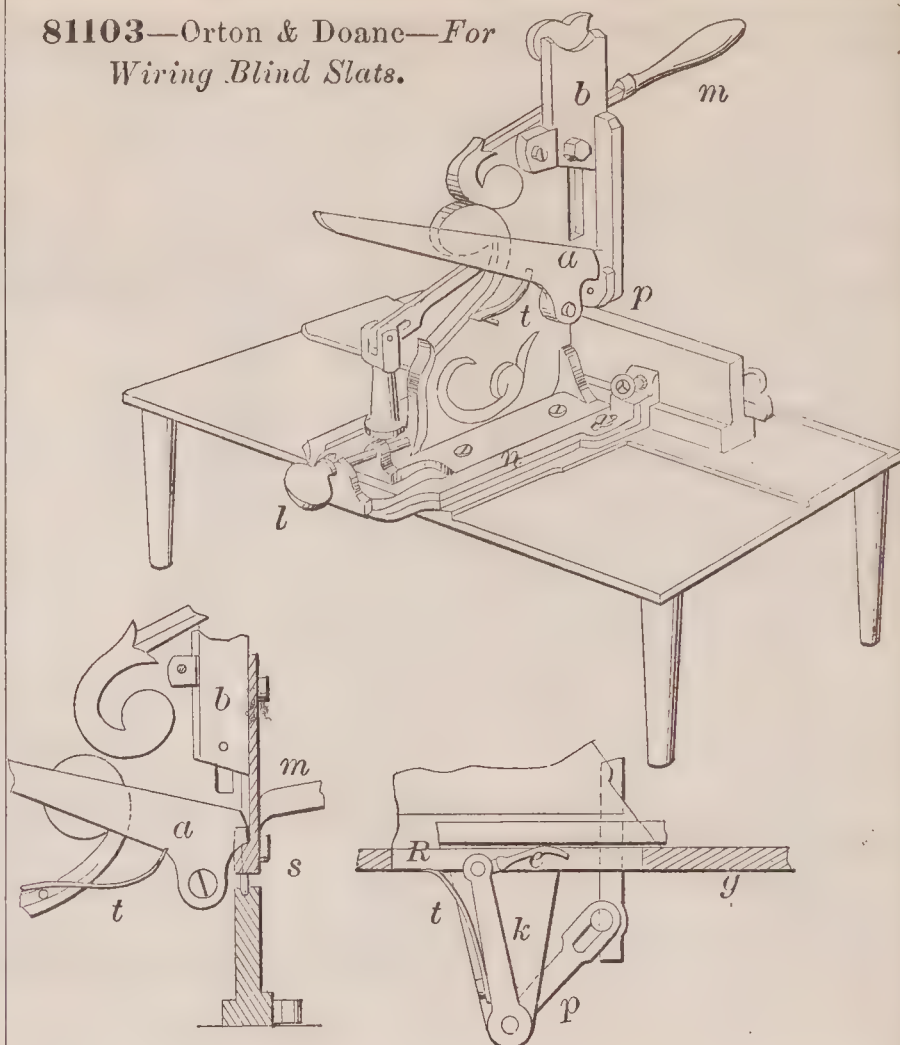
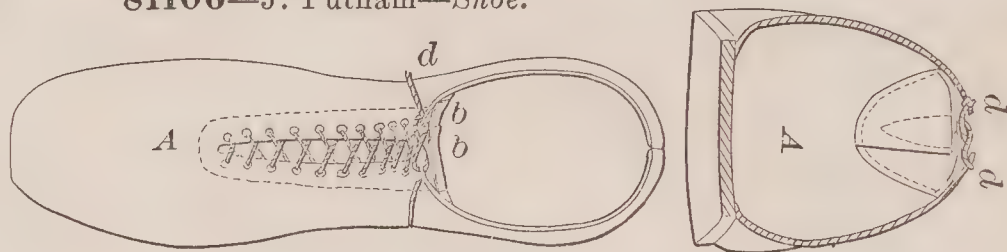
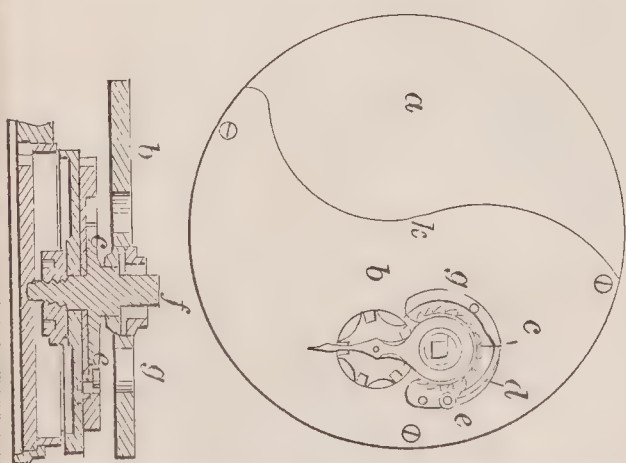
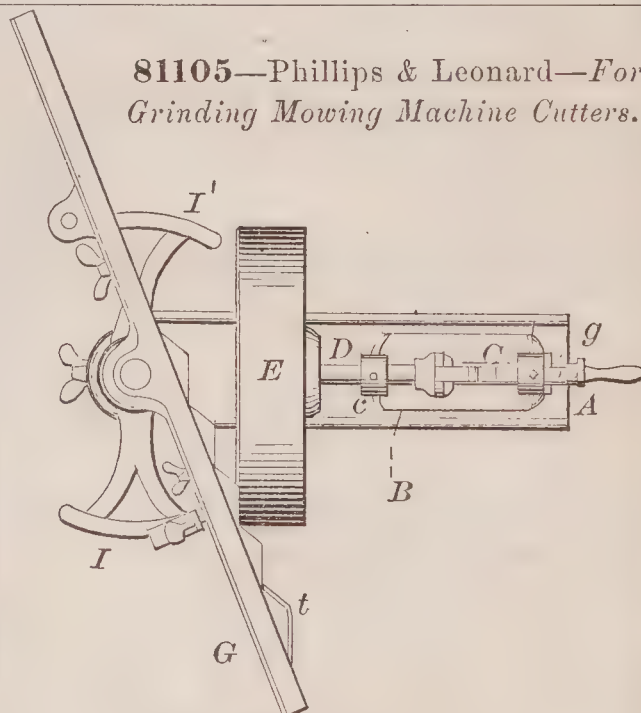
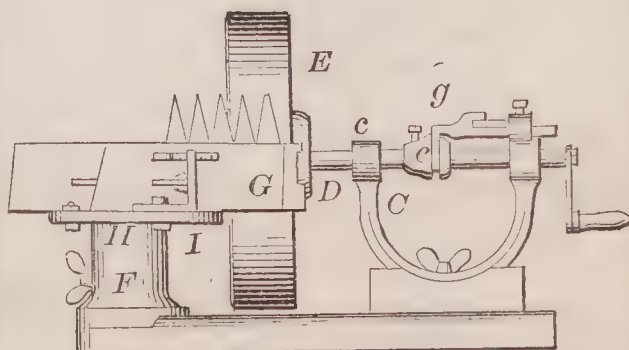
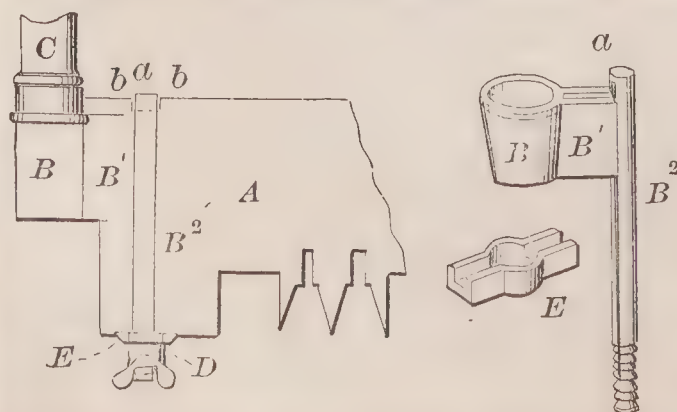
81101—W. M. Newton—Brush.



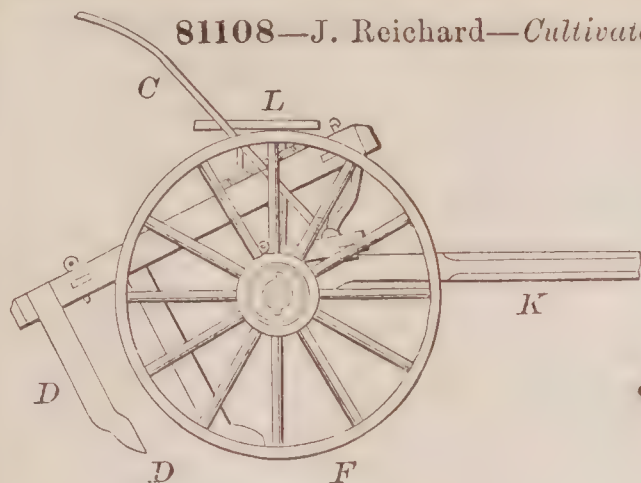
81099—McGowan & Hale—Fly Net for Windows.



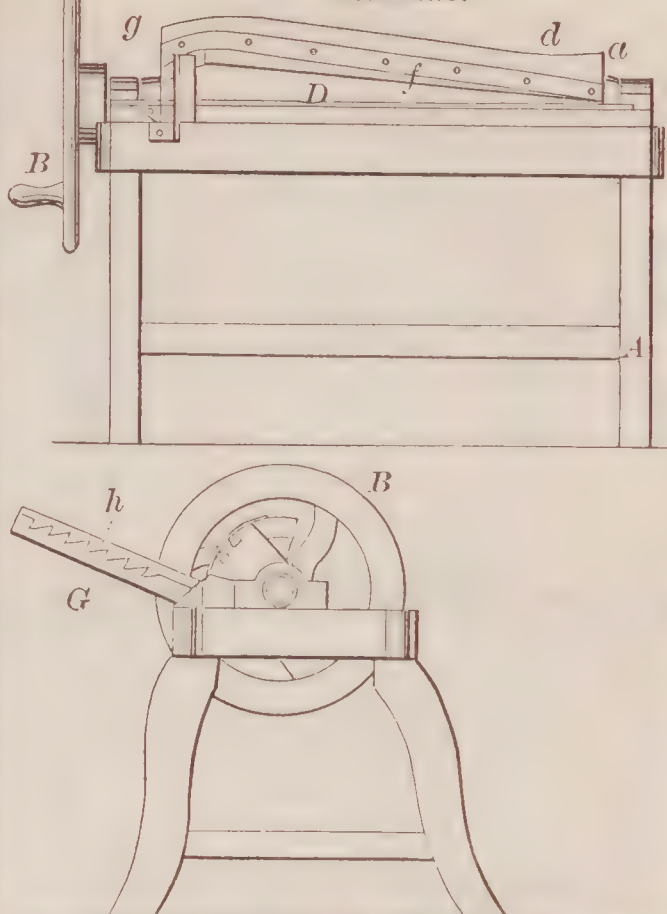


81100—J. V. Meigs—*Fire Arm.*81103—Orton & Doane—*For Wiring Blind Slats.*81106—J. Putnam—*Shoe.*81107—G. P. Reed—*Watch.*81105—Phillips & Leonard—*For Grinding Mowing Machine Cutters.*81102—J. Ohlen—*Attaching Handles to Saws.*

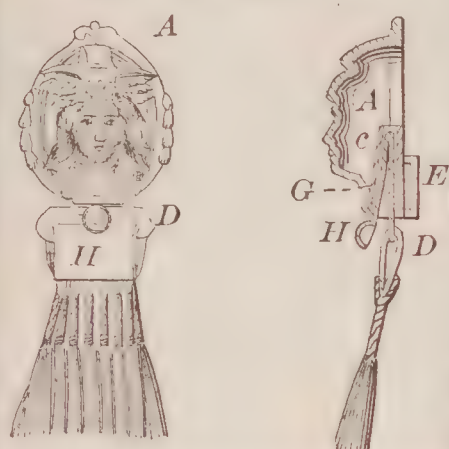
81108—J. Reichard—Cultivator.



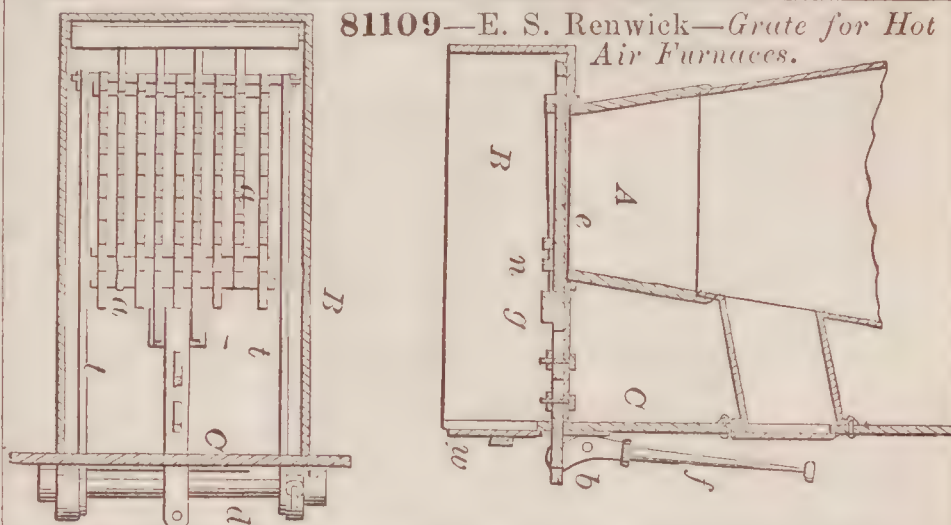
81112—H. J. Ruggles—Slate Trimming Machine.



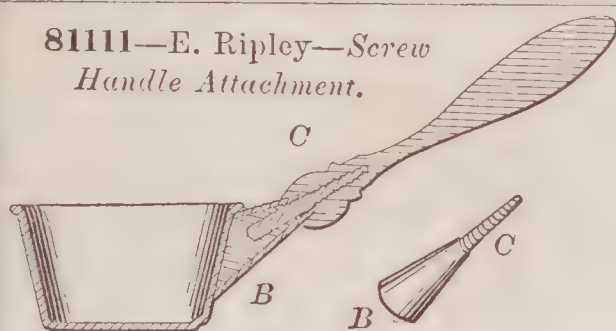
81110—C. F. Richers—Harness Rosette.



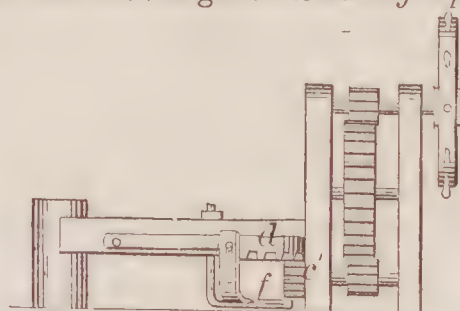
81109—E. S. Renwick—Grate for Hot Air Furnaces.



81111—E. Ripley—Screw Handle Attachment.

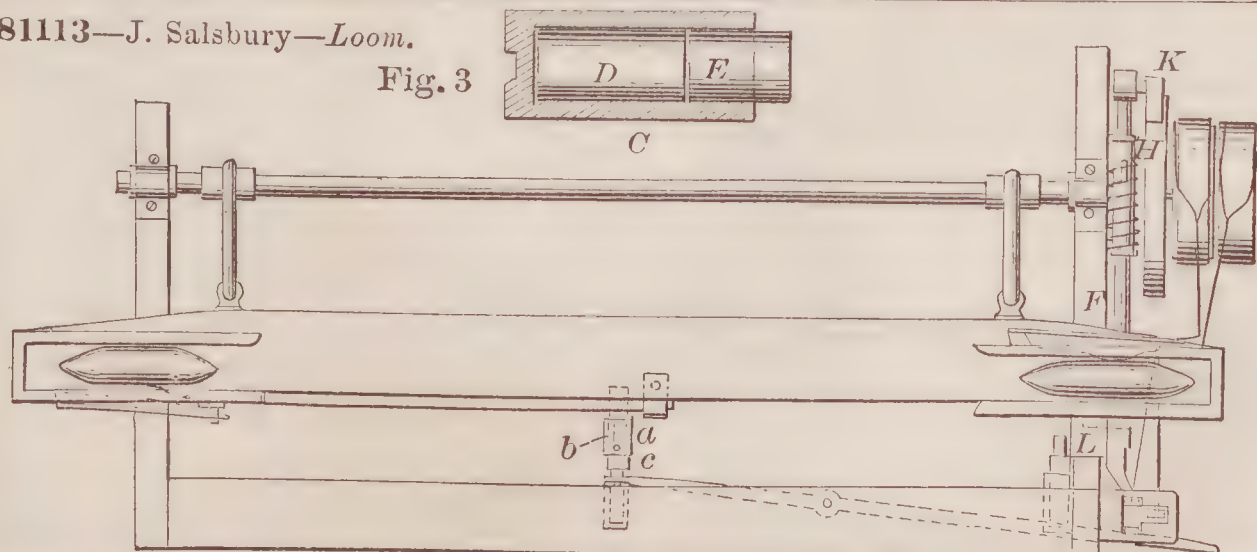


81114—A. Sargent—Steering Apparatus.

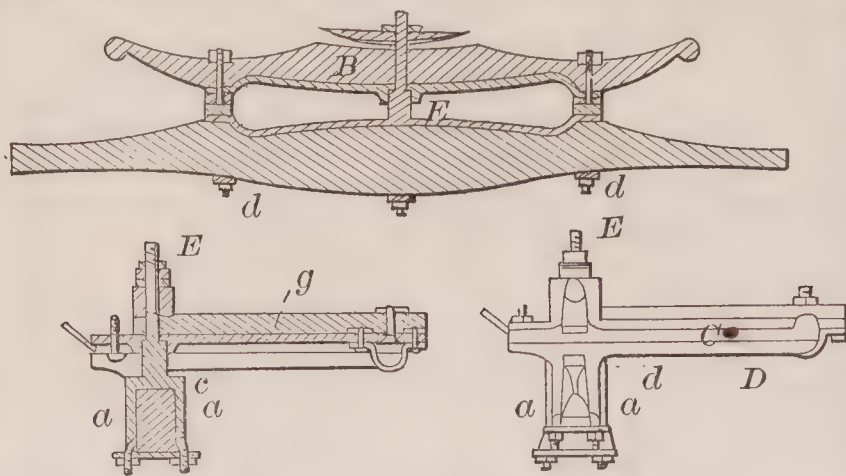
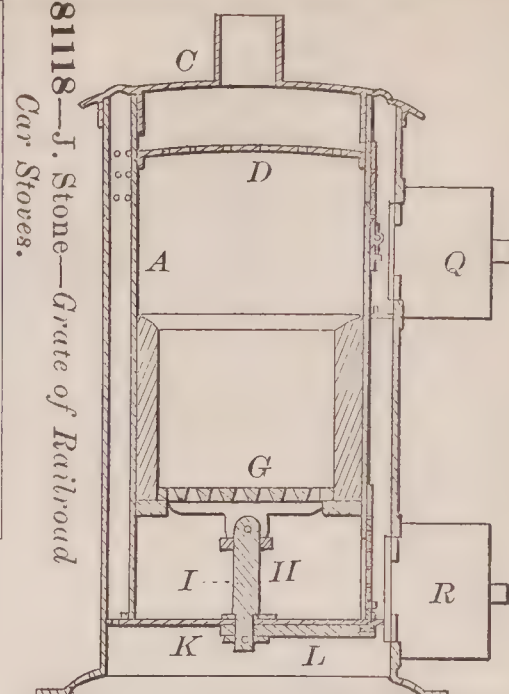
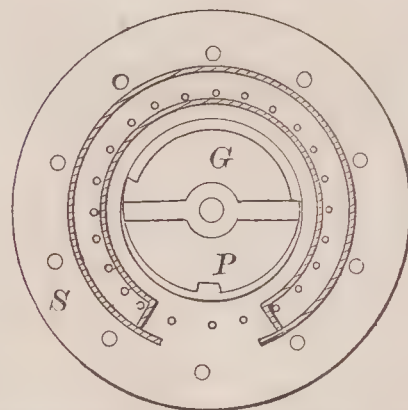
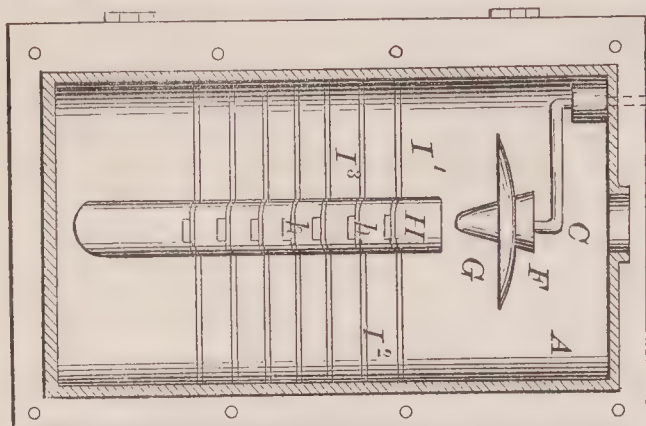
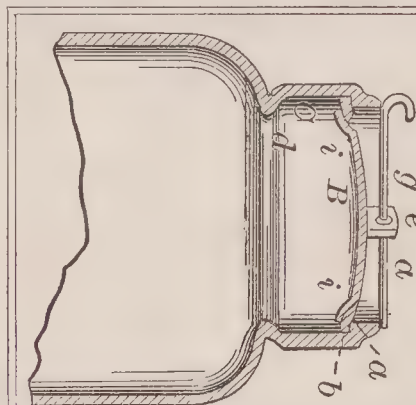
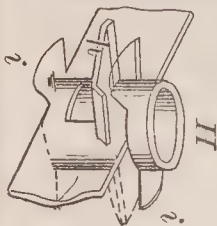
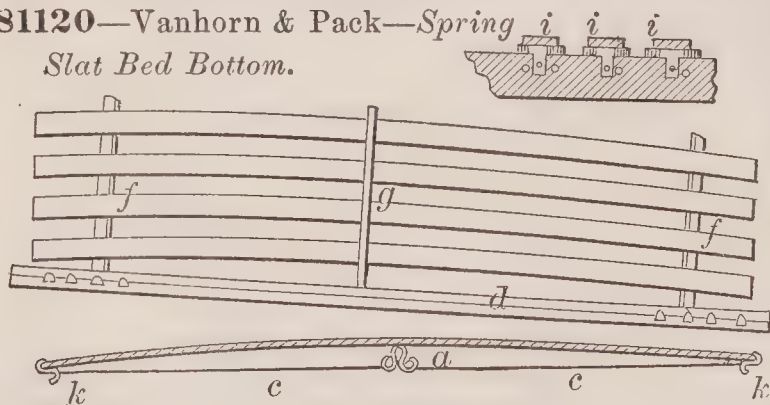
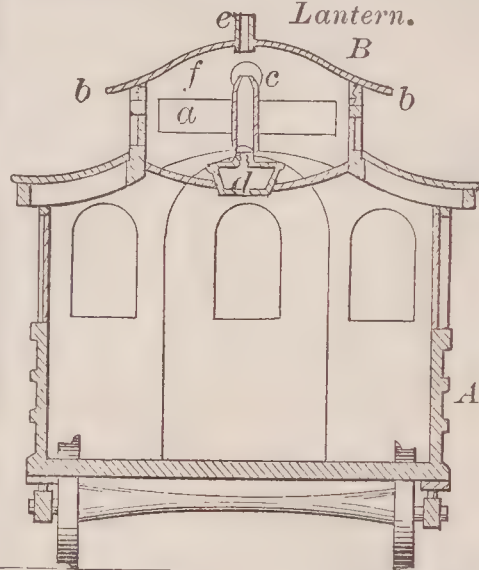
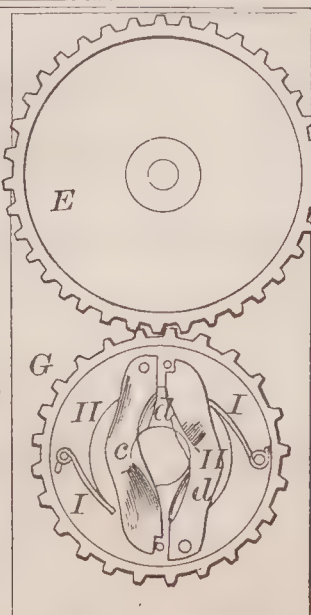
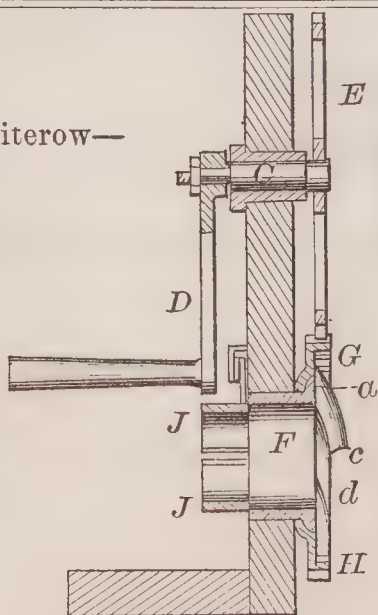
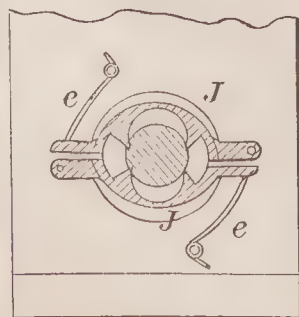
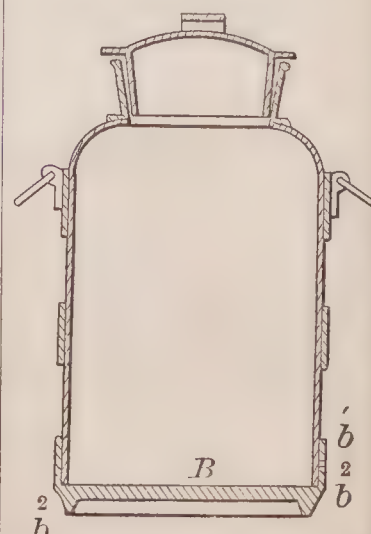


81113—J. Salsbury—Loom.

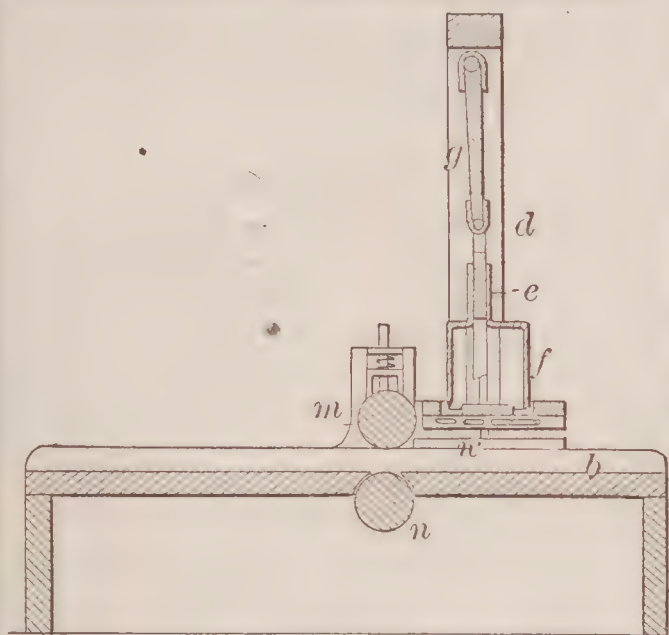
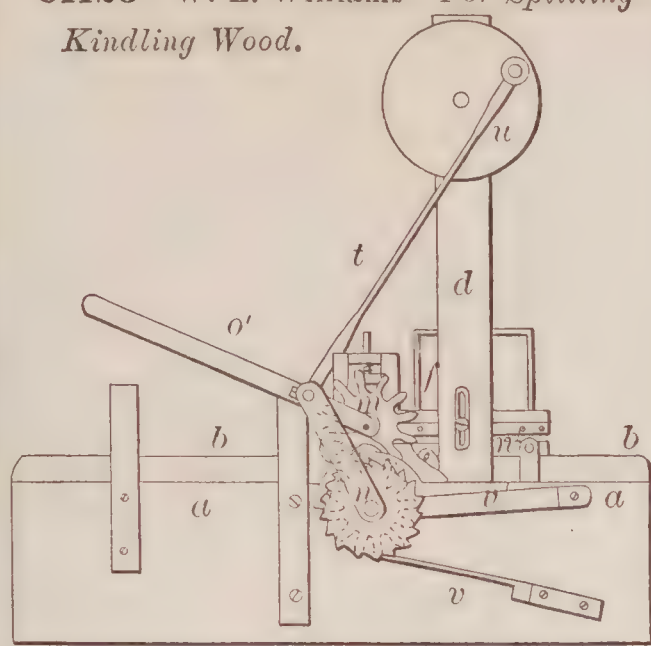
Fig. 3



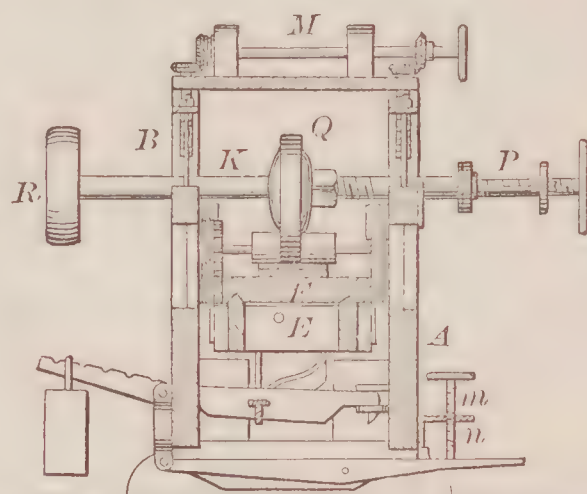
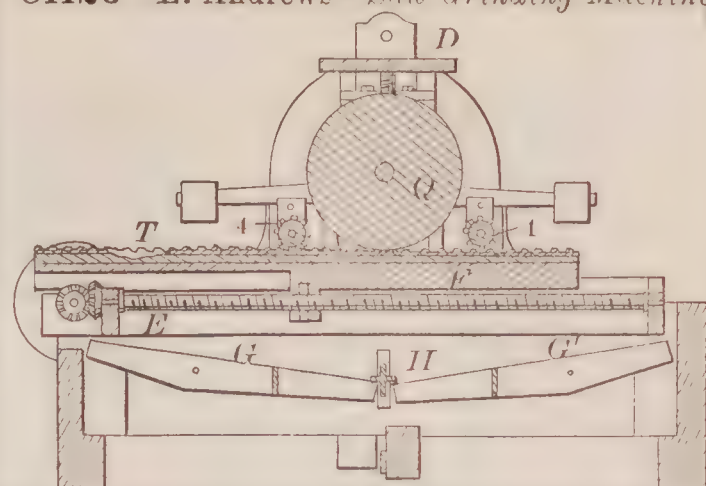


81115—G. F. Smith—*Carriage Axle Coupling.*81118—J. Stone—*Grate of Railroad Car Stoves.*81117—E. R. Stilwell—*Feed Water Heater for Boilers.*81116—C. F. Spencer—*Fruit Jar.*81120—Vanhorn & Pack—*Spring Slat Bed Bottom.*81124—A. A. Young—*Street Car Lantern.*81121—W. H. Whiterow—*Corn Sheller.*81119—I. Vanderslice—*Milk Can.*

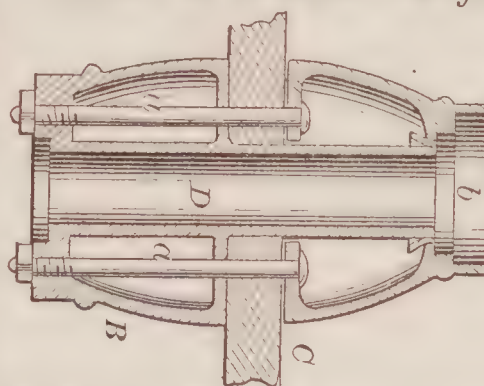
81123—W. L. Williams—*For Splitting Kindling Wood.*



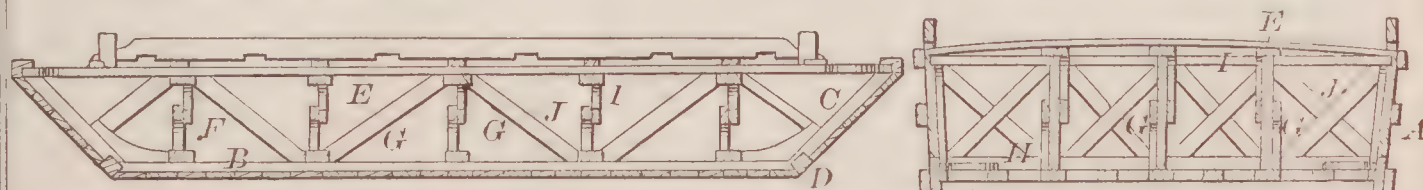
81126—E. Andrews—*Saw Grinding Machine.*



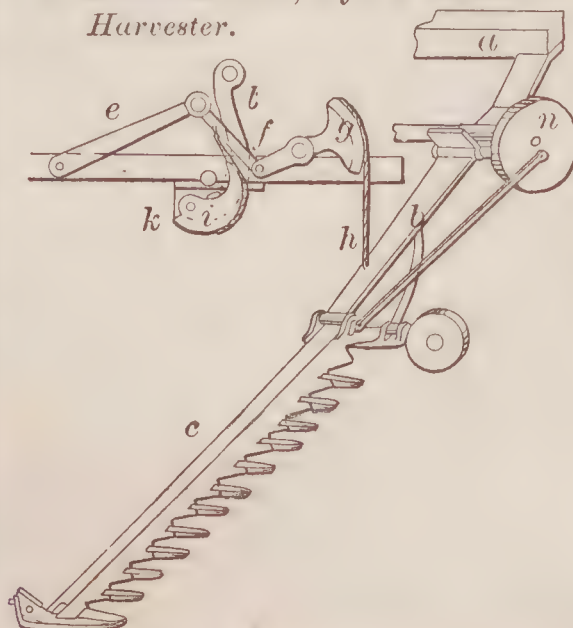
81127—E. R. Baker—*Wagon Hub.*



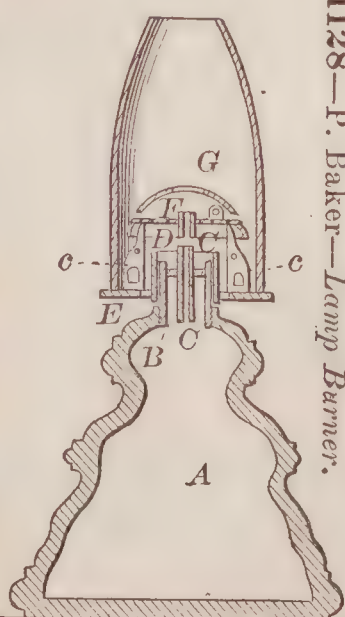
81125—E. J. Allen—*Scow.*



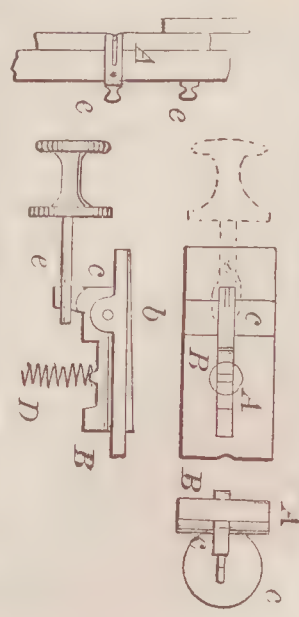
81129—Barnard, Nye & Hewett—*Harvester.*



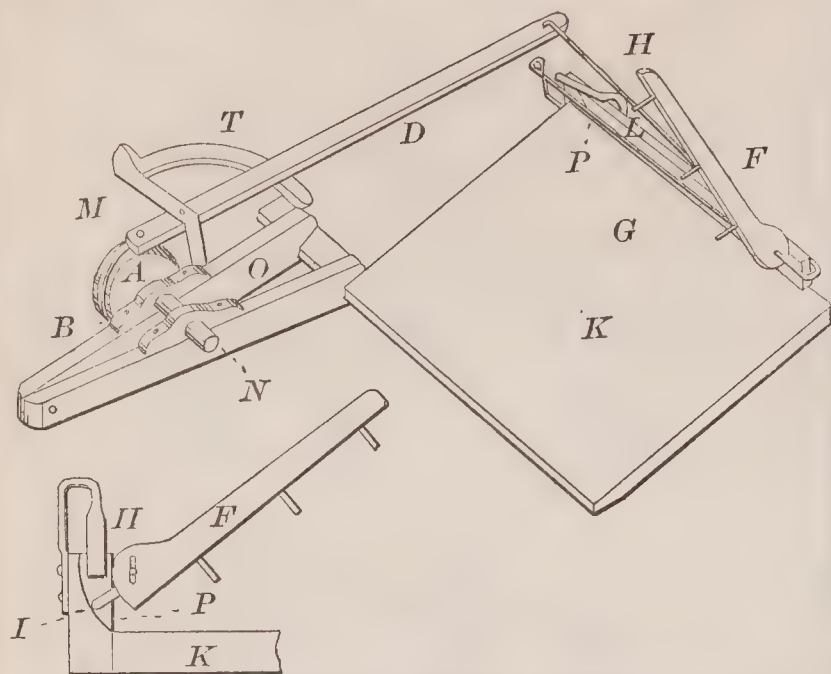
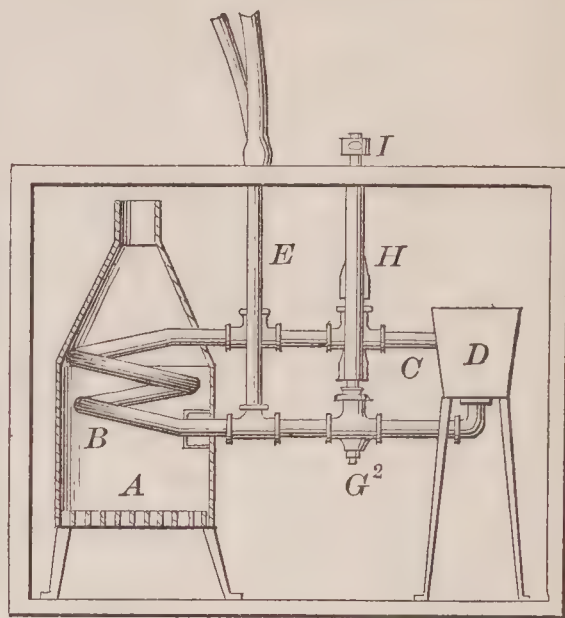
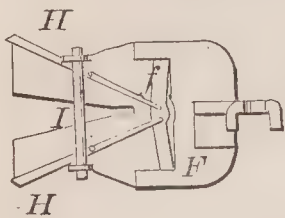
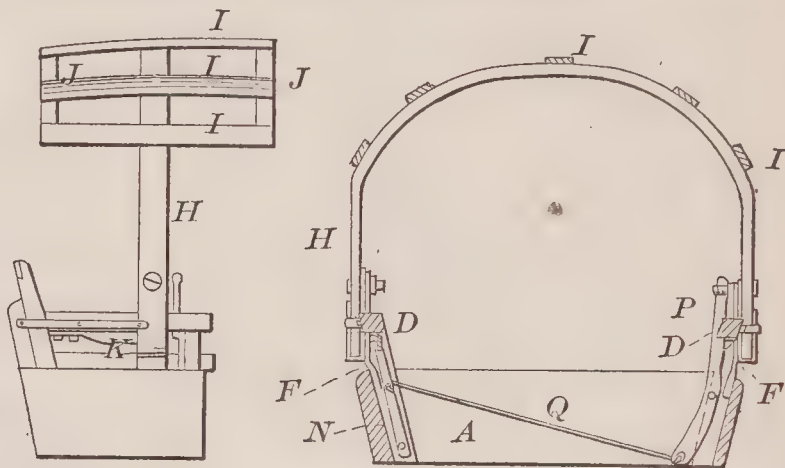
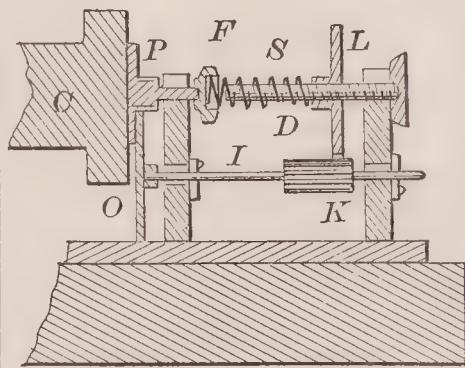
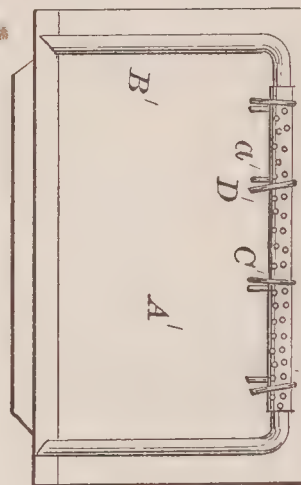
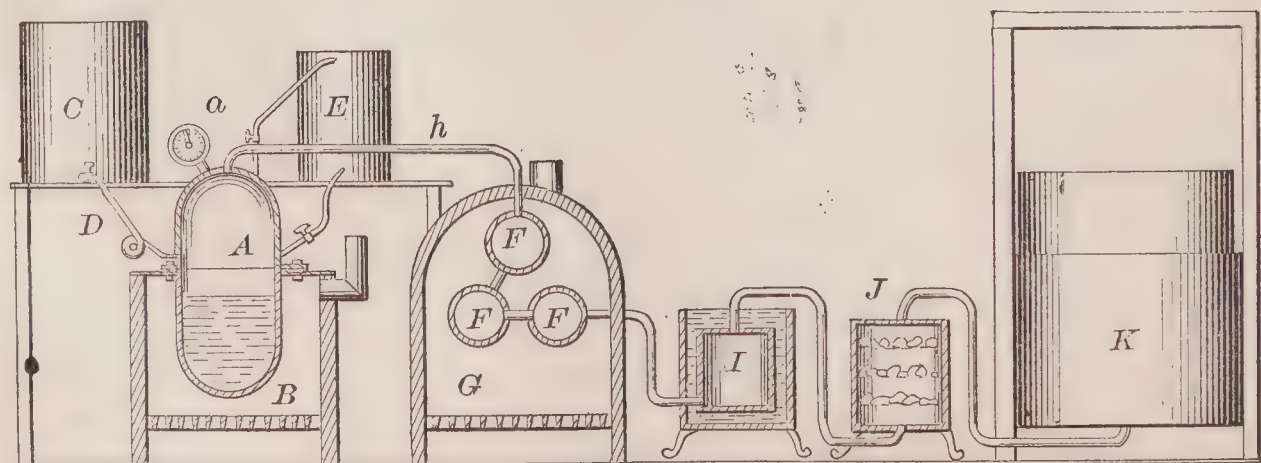
81128—P. Baker—*Lamp Burner.*



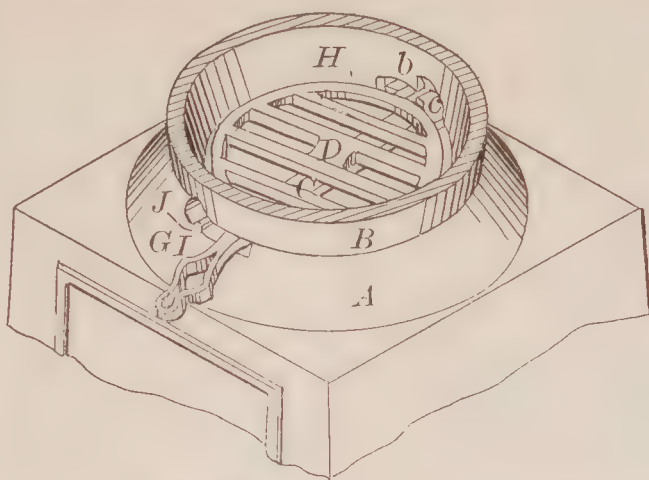
81131—Bowerman & Dart—*Sash Fastening.*



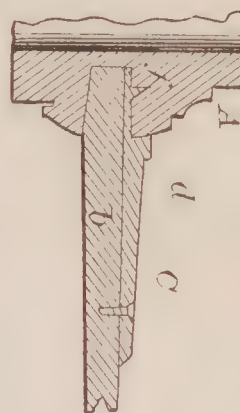


**81130**—Bowen, Reed & Whelan—*Harvester Rake.***81132**—W. A. Brickill—*Feed Water Heater for Steam Fire Engines.***81138**—W. Carpenter—*Braiding Attachment for Sewing Machines.***81135**—N. G. Burr—*Carriage Top.***81133**—L. C. Briggs—*Let-off for Looms.***81134**—P. M. Burns—*Wash Boiler.***81136**—C. Carpenter—*Generating Gas from Petroleum.*

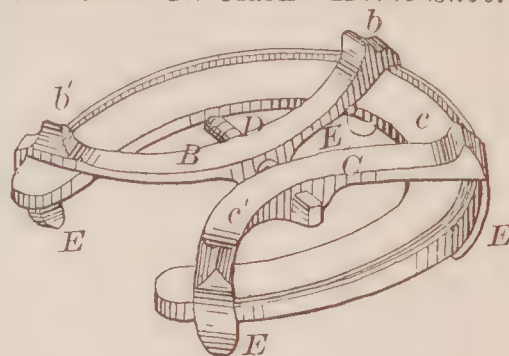
81139—W. Caven—*Stove Grate.*



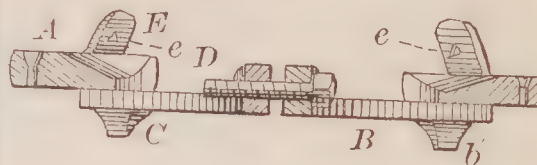
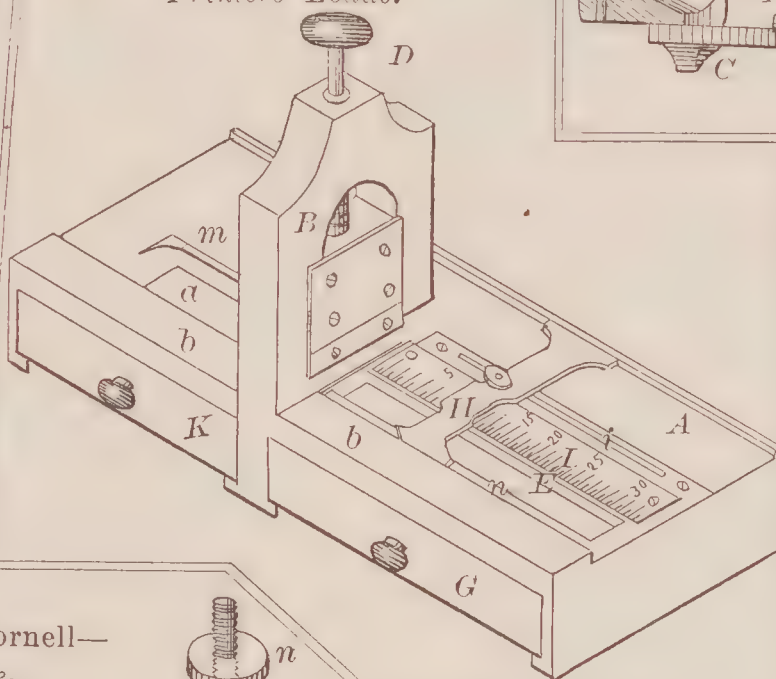
81141—C. Clarke—*Carriage Wheel.*



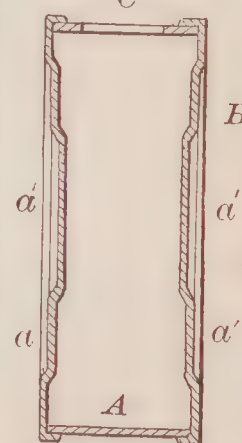
81142—J. N. Clark—*Horse Shoe.*



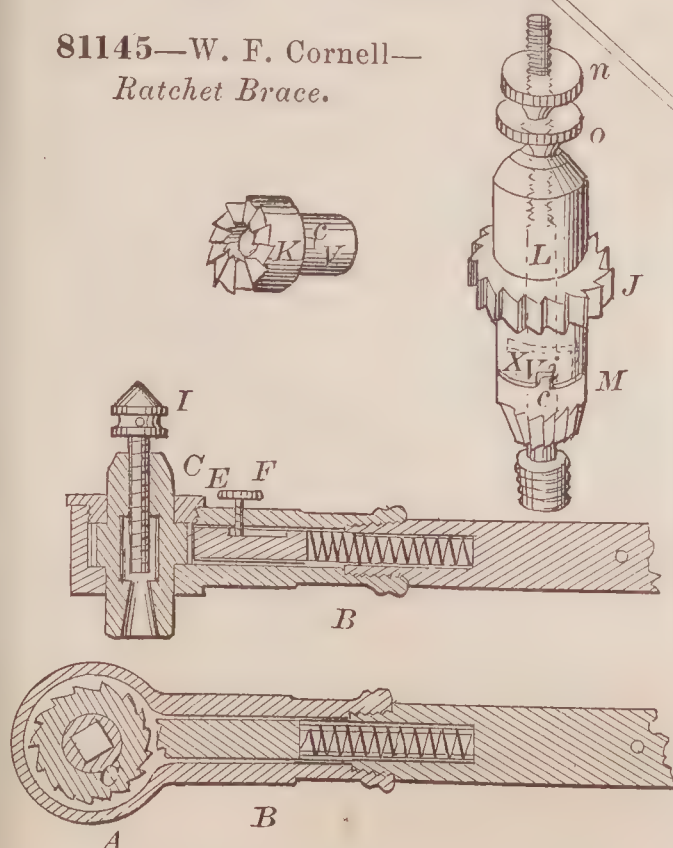
81140—W. E. Clark—*Cutting Printers' Leads.*



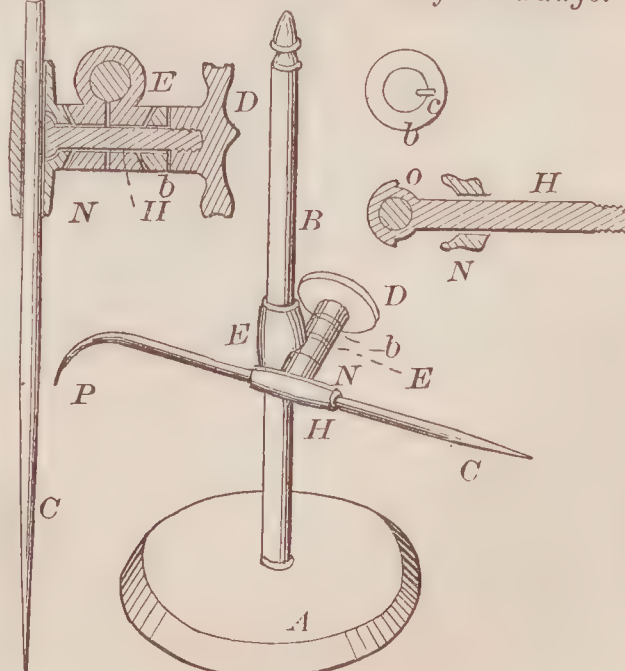
81143—P. Cook—*Sheet Metal Can.*



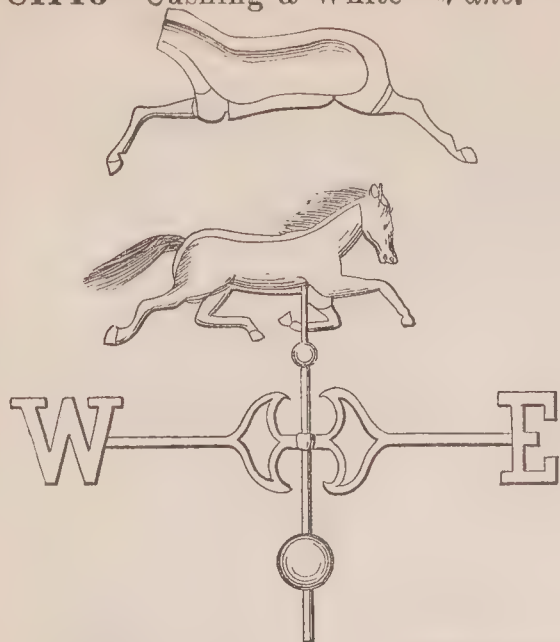
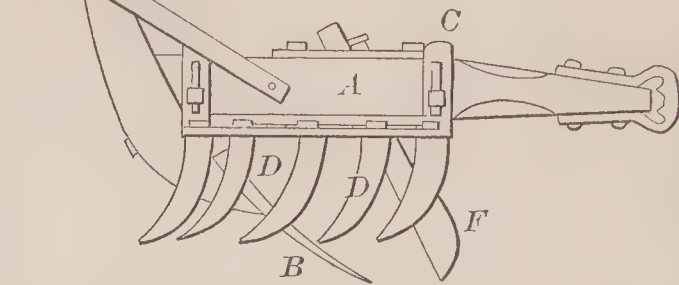
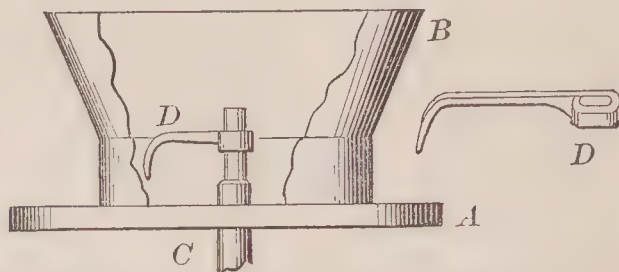
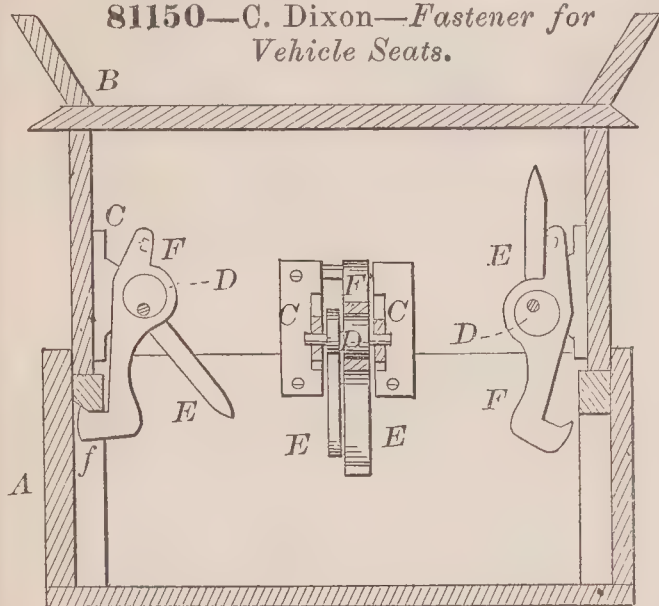
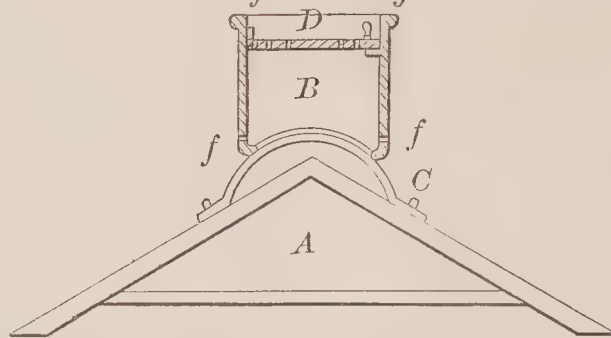
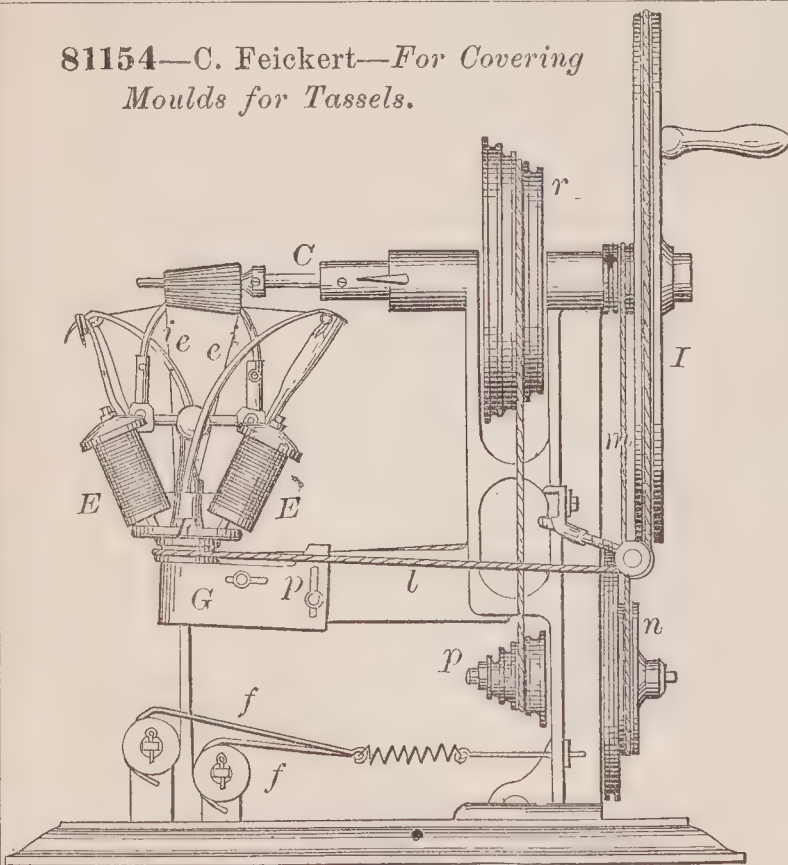
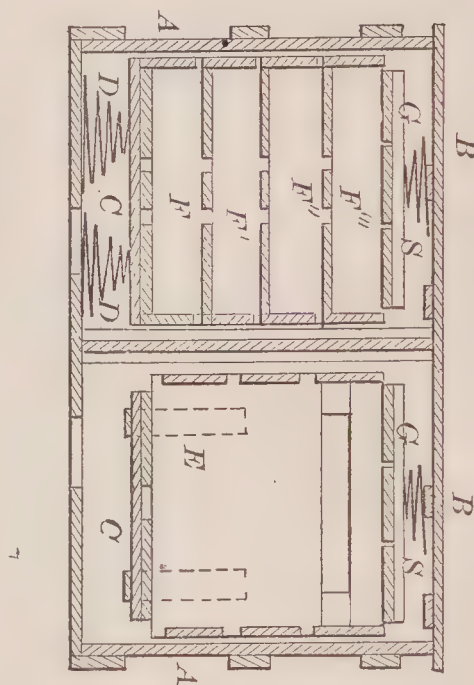
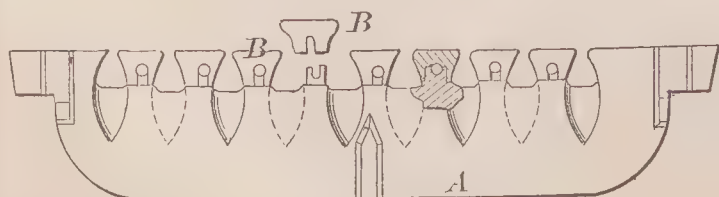
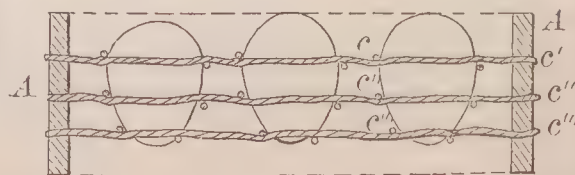
81145—W. F. Cornell—*Ratchet Brace.*



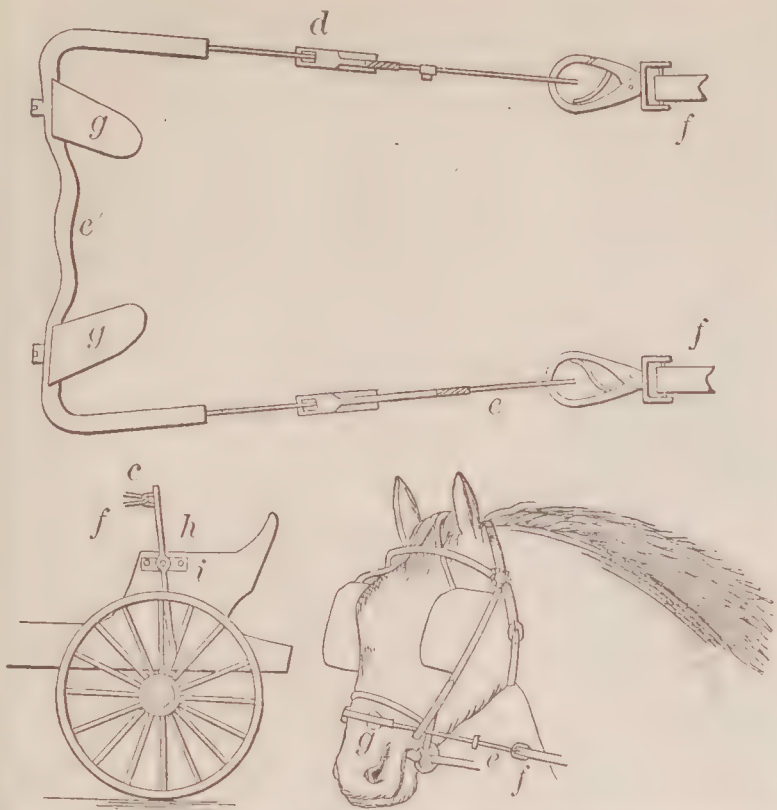
81144—W. F. Cornell—*Surface Gauge.*



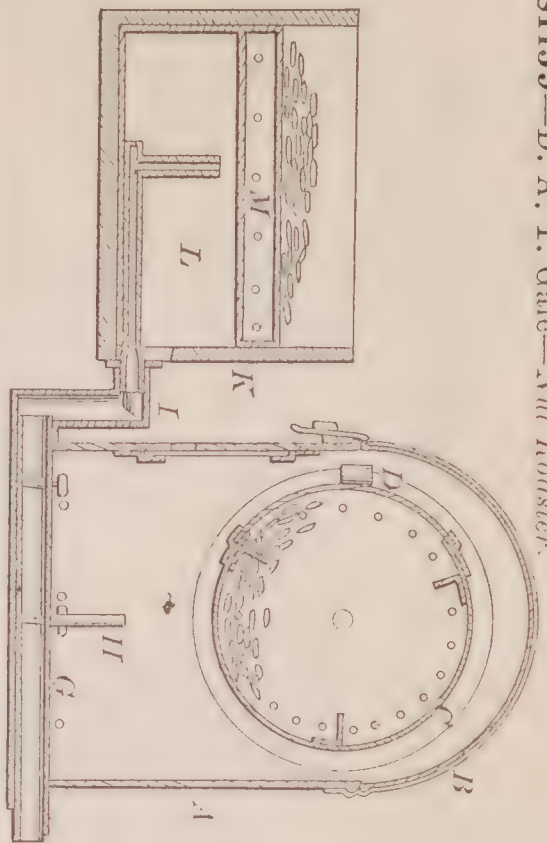


81146—Cushing & White—*Vane.*81148—J. H. Dickson—*Plow.*81156—F. G. & E. A. Floyd—*Stirrer for Seed Sowers.*81150—C. Dixon—*Fastener for Vehicle Seats.*81147—I. W. Dean—*Preserving the Roofs of Buildings.*81154—C. Feickert—*For Covering Moulds for Tassels.*81153—W. G. Goodale—*Fruit Crate.*81155—A. C. Fletcher—*Grate Bar.*81151—G. Dorn—*Egg Carrier.*

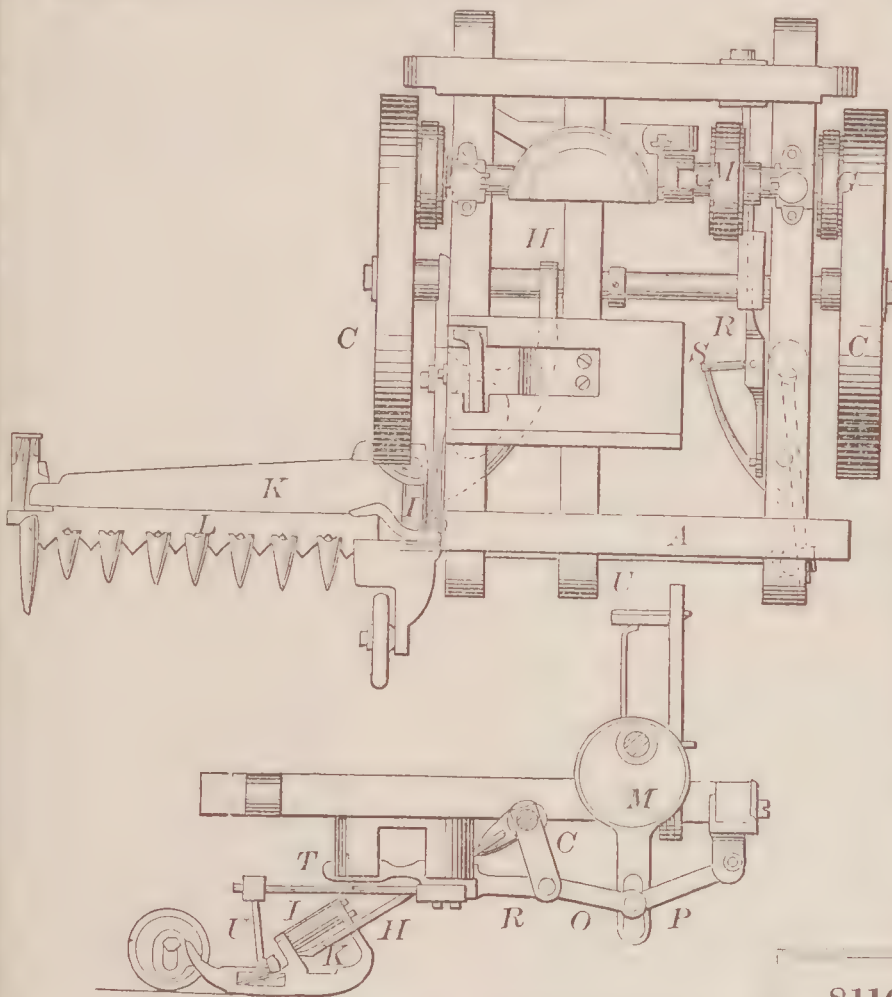
81157—N. Fountain—*For Stopping Horses.*



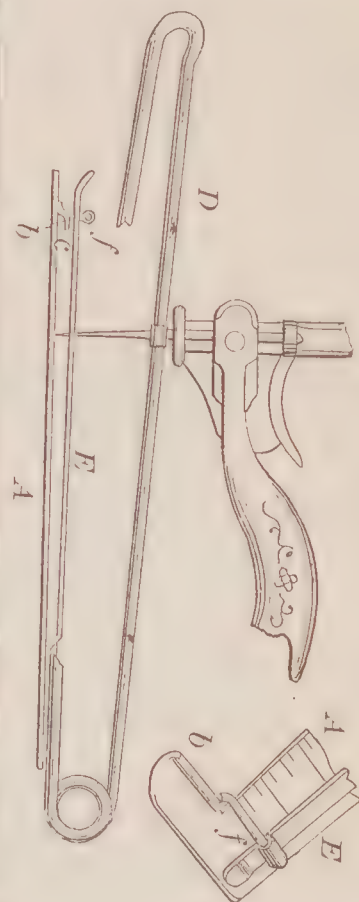
81159—D. A. T. Gale—*Nut Rooster.*



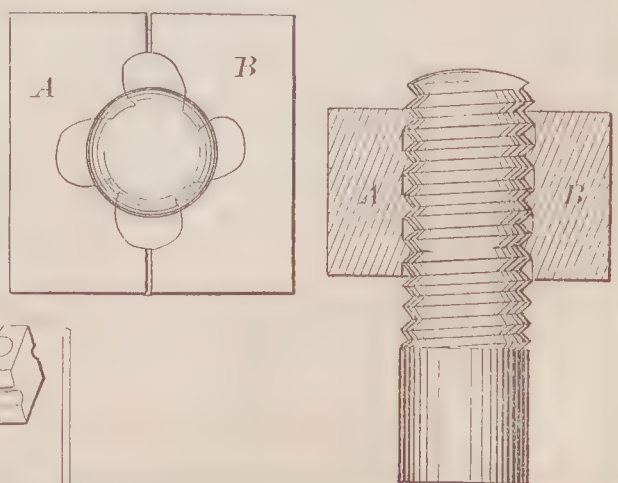
81158—H. E. Fowler—*Harvester.*



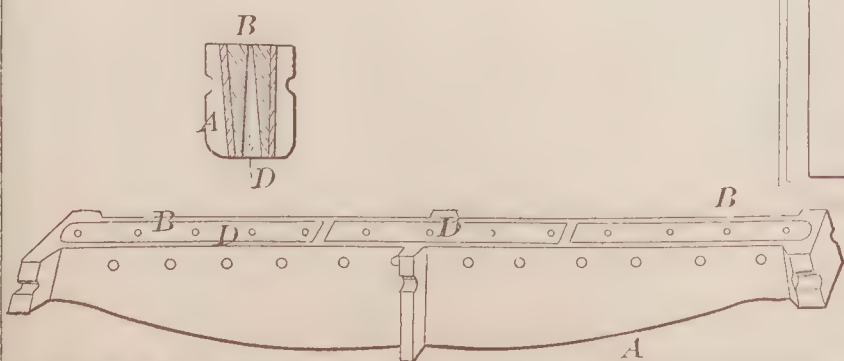
81160—H. C. Goodrich—*Tuck Creaser for Sewing Machines.*



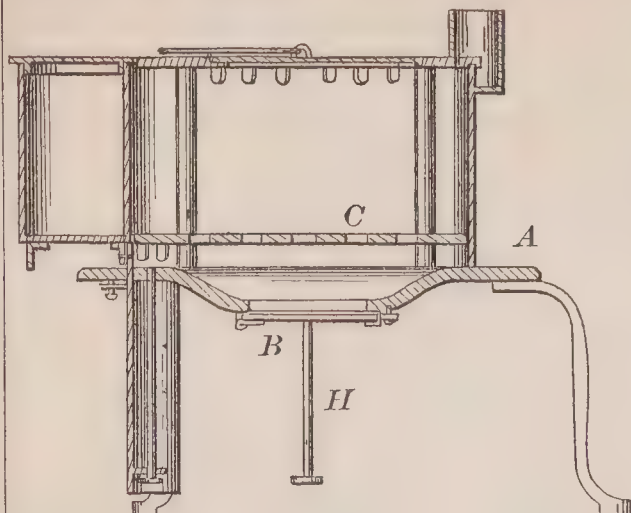
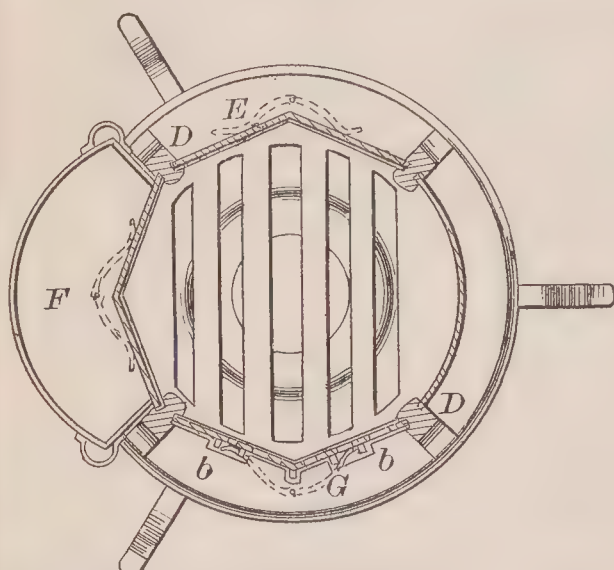
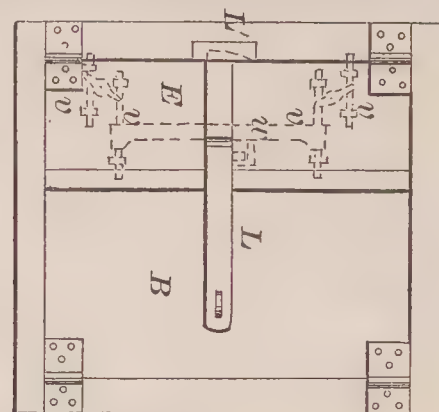
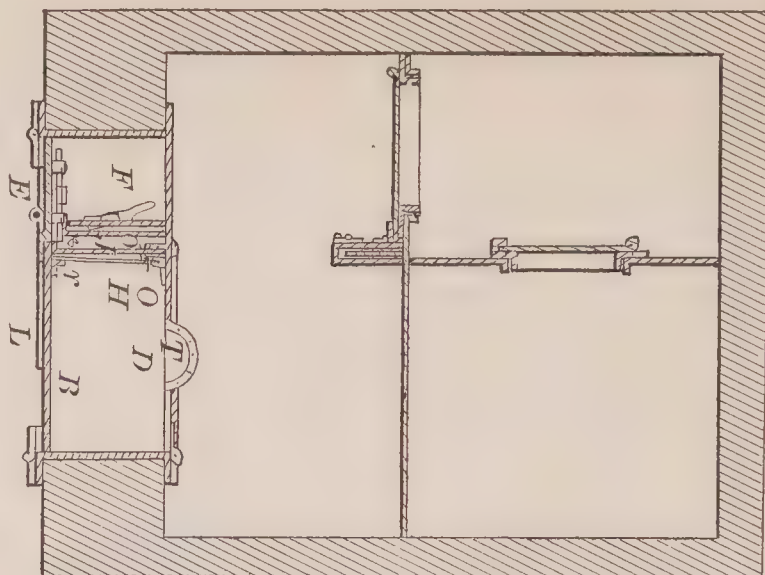
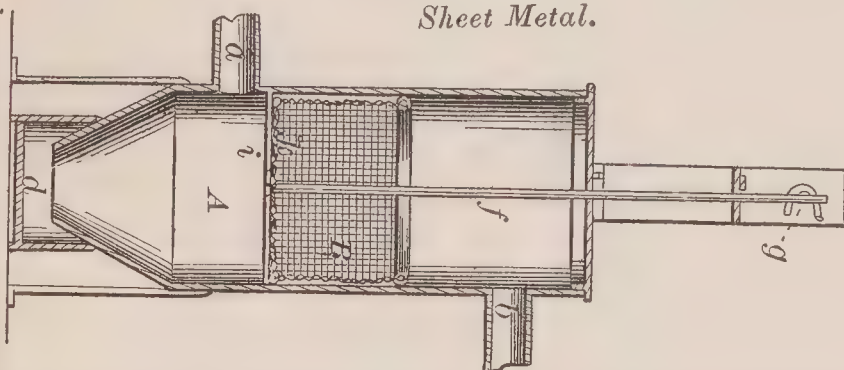
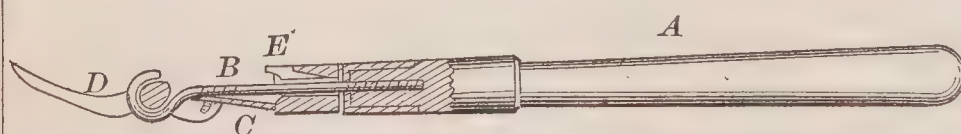
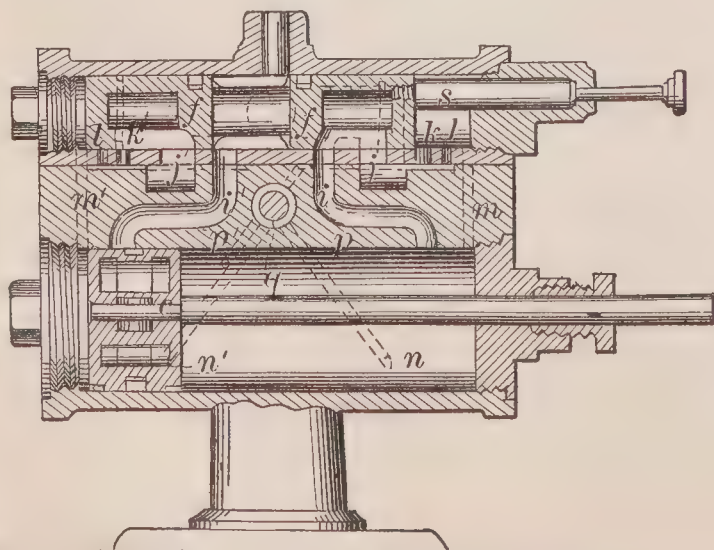
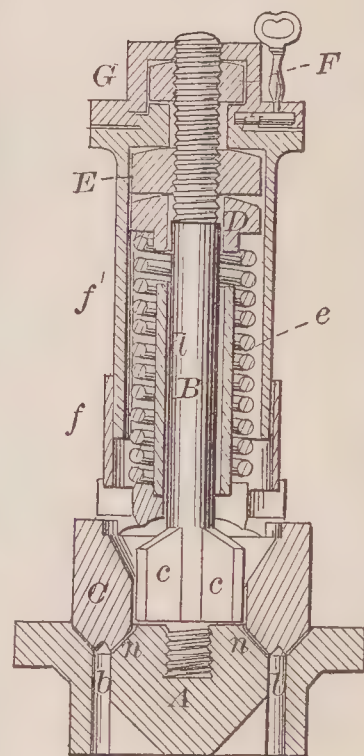
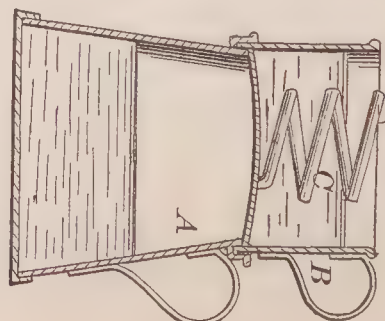
81162—G. Grubel—*Tap and Die.*



81161—Griswold & Thomson—*Grate Bar.*

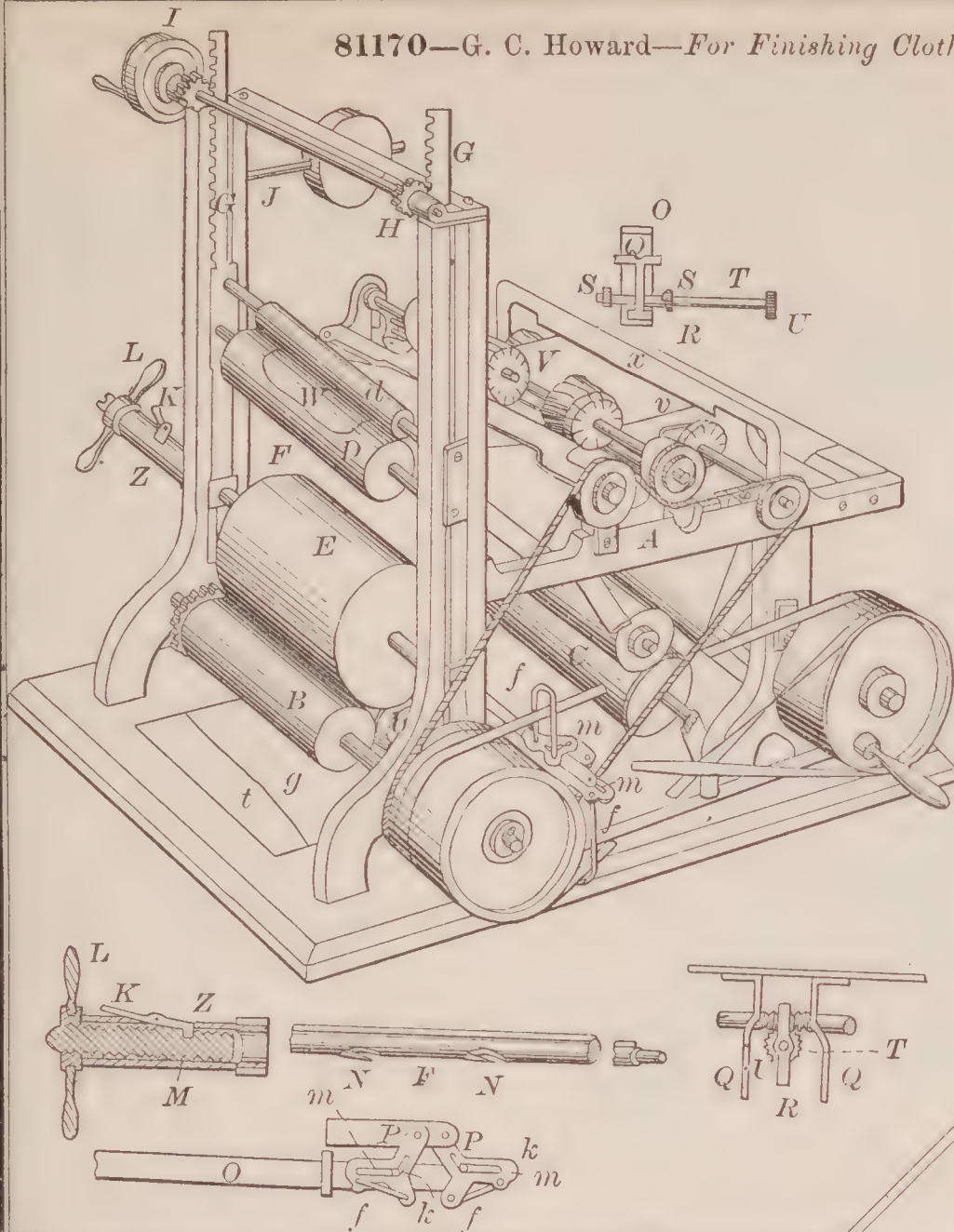




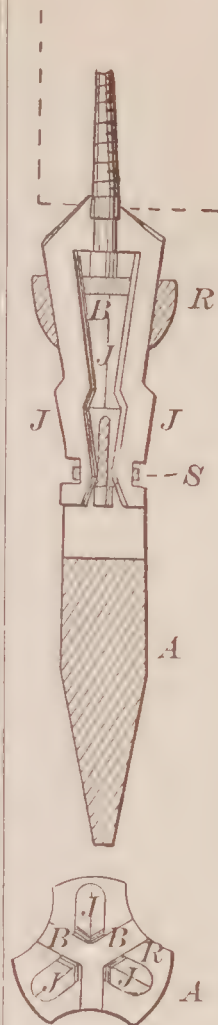
81163—O. B. Hale—*Cooking Stove.*81165—B. F. Haugh—*Bolt for Prison Doors.*81164—Harmon & Sturdevant—*Removing Tin from Sheet Metal.*81166—J. A. Heald—*Fork, Shovel and Hoe.*81168—W. D. Hooker—*Direct Acting Engine.*81167—H. W. Hewel—*Steam Safety Valve.*81169—N. Hotz—*Coffee Pot.*



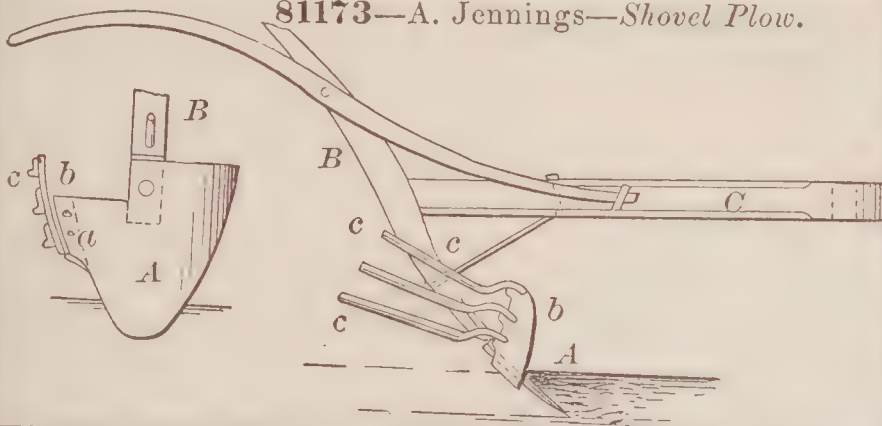
81170—G. C. Howard—*For Finishing Cloth.*



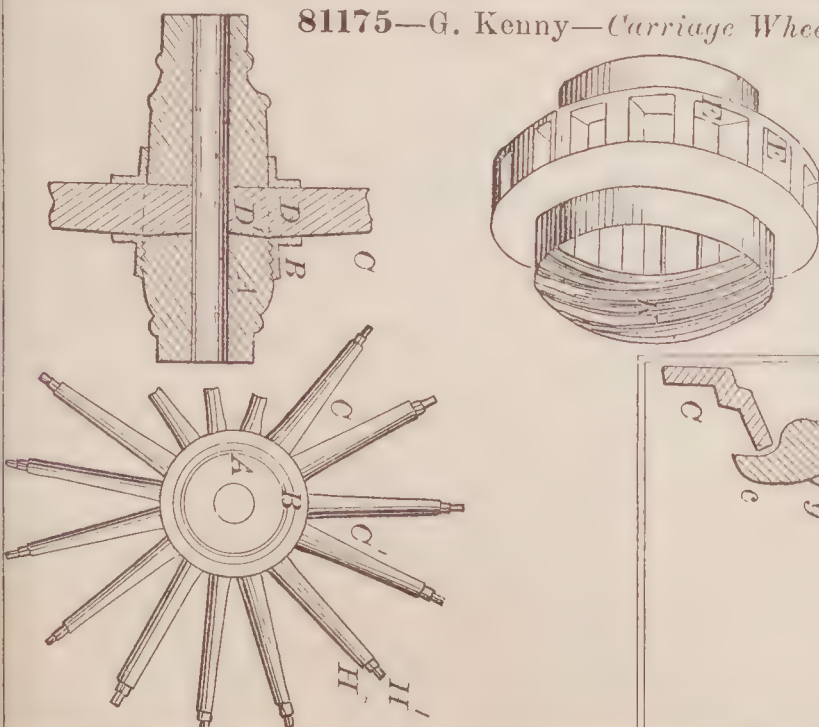
81171—P. N. Jacobus—*Screw Driver Counter Sink.*



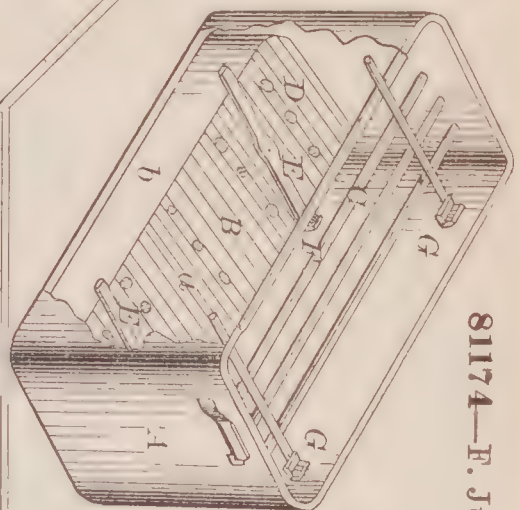
81173—A. Jennings—*Shovel Plow.*



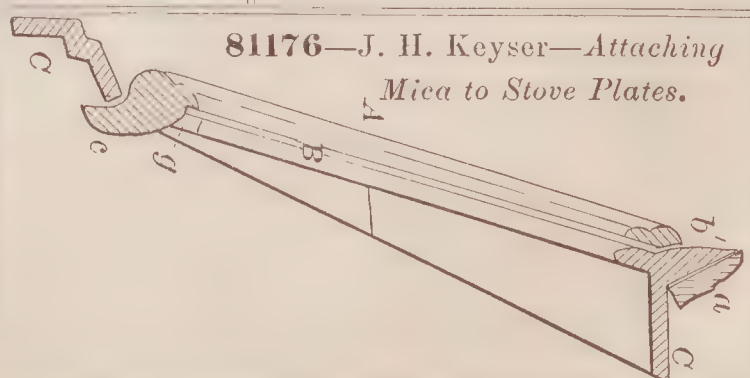
81175—G. Kenny—*Carriage Wheel.*



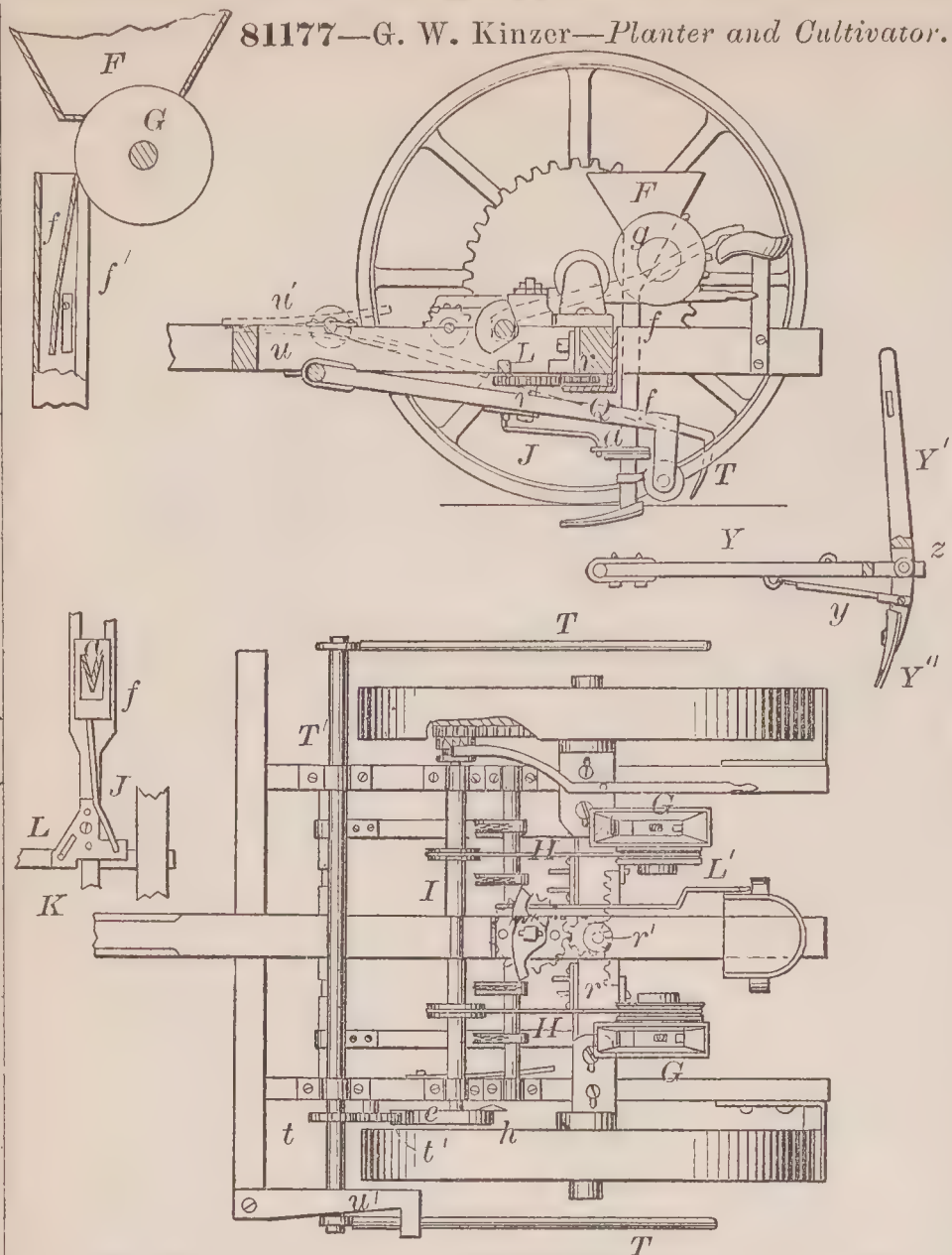
81174—F. Judson—*Wash Boiler.*



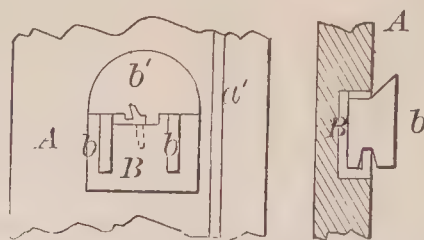
81176—J. H. Keyser—*Attaching Mica to Stove Plates.*



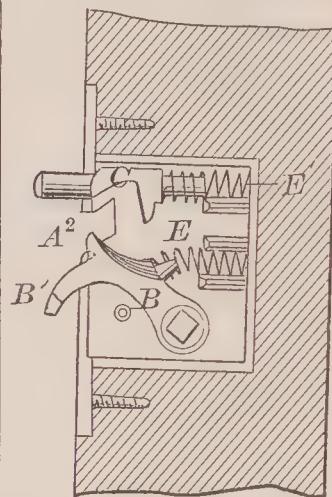




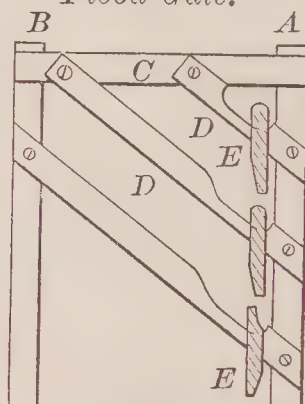
**81178—F. Kramer—  
Sash Fastener.**



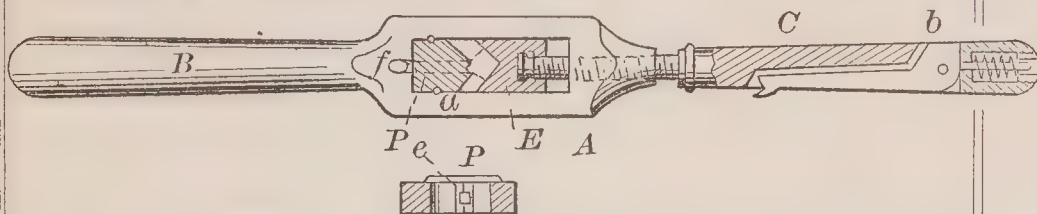
**81179—D. P. Lacy—  
Sash Holder.**



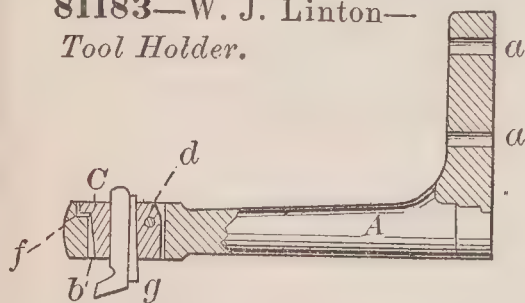
**81180—J. Leatherman—  
Flood Gate.**



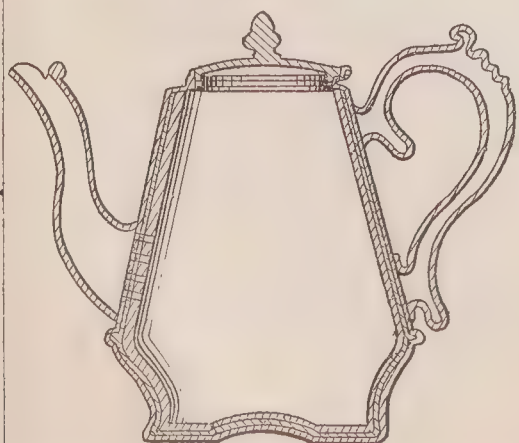
**81182—W. J. Linton—Tool Holder.**



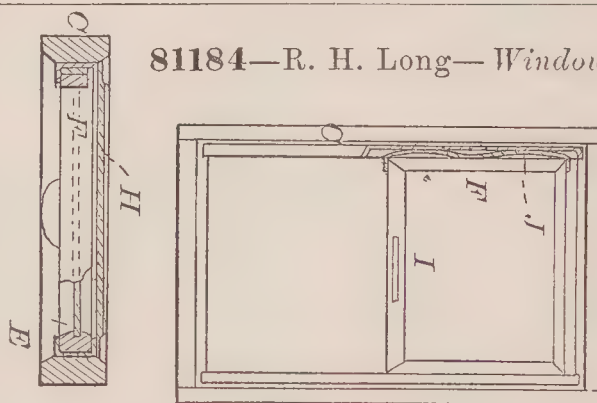
**81183—W. J. Linton—  
Tool Holder.**



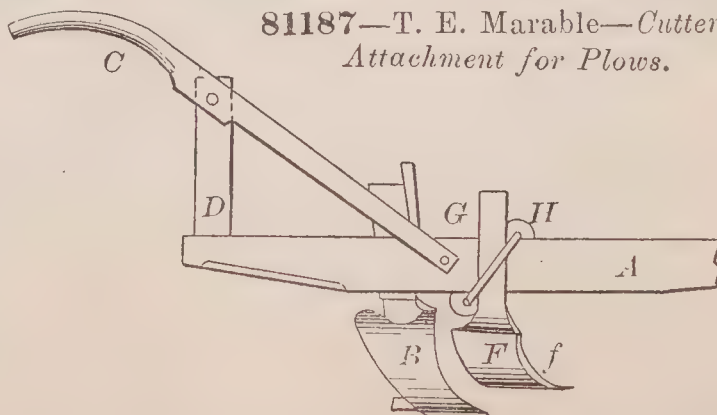
**81186—E. B. Manning—Tea and  
Coffee Pot.**



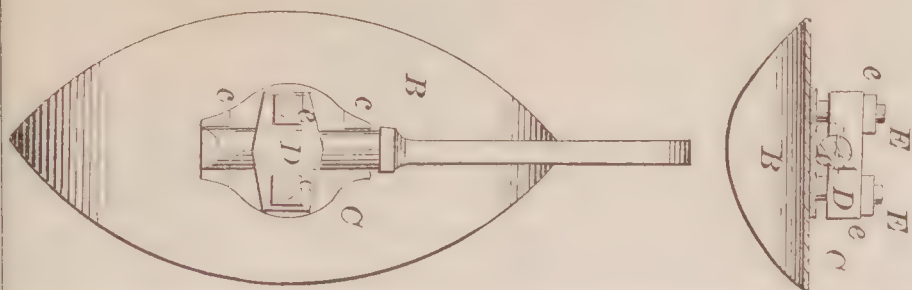
**81184—R. H. Long—Window Ventilator.**



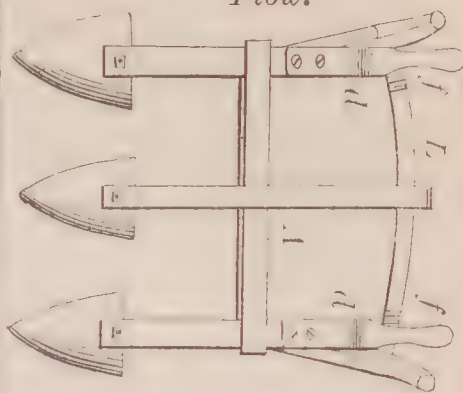
**81187—T. E. Marable—Cutter  
Attachment for Plows.**



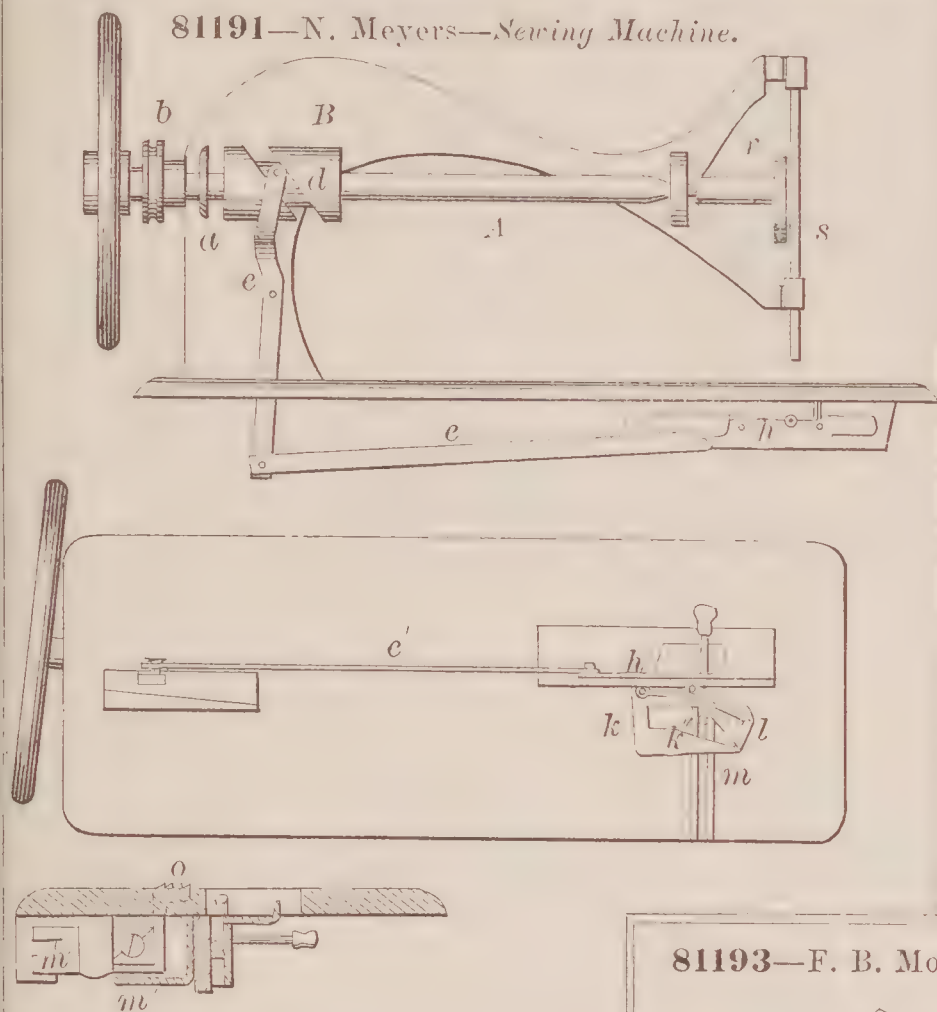
81188—B. F. McCollester—*Shovel Plow.*



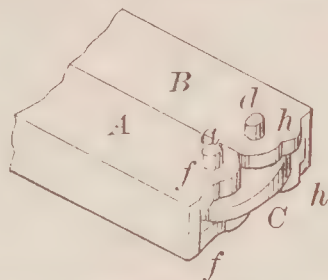
81189—J. Meyer—*Shovel  
Plow.*



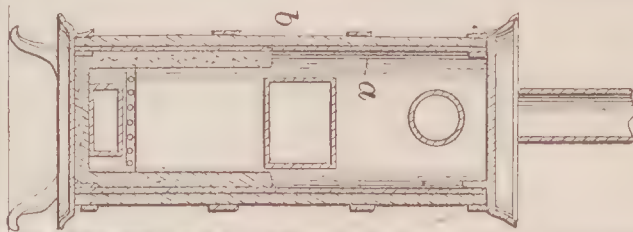
81191—N. Meyers—*Sewing Machine.*



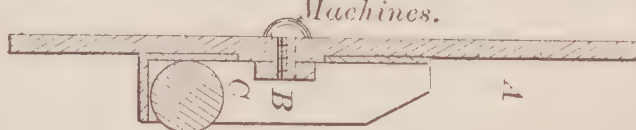
81193—F. B. Morse—*Stump Joint for Carriages.*



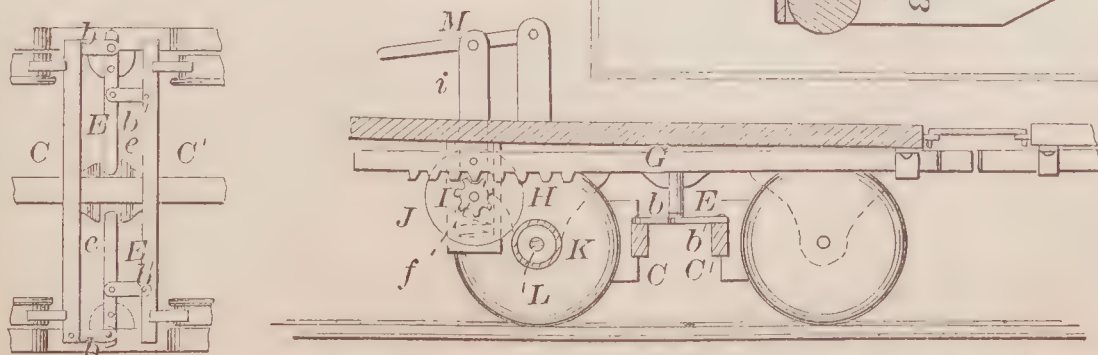
**81197**—Oertley & Fendrich—*Coal Store.*



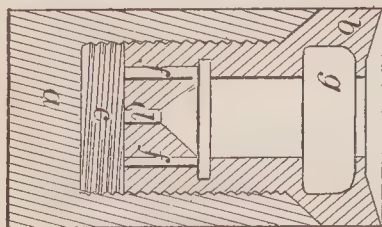
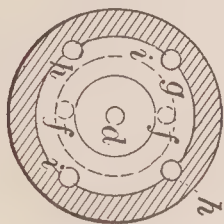
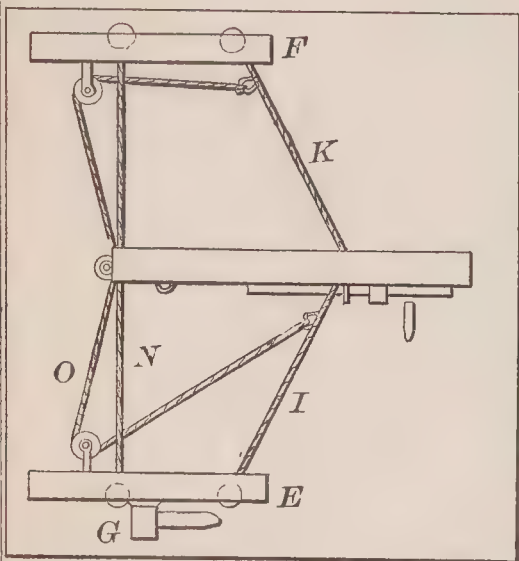
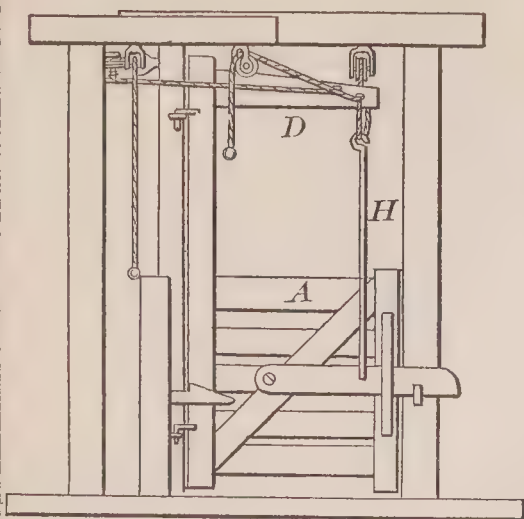
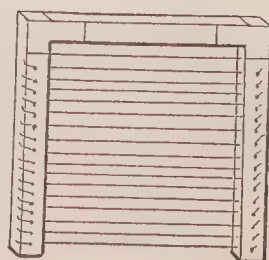
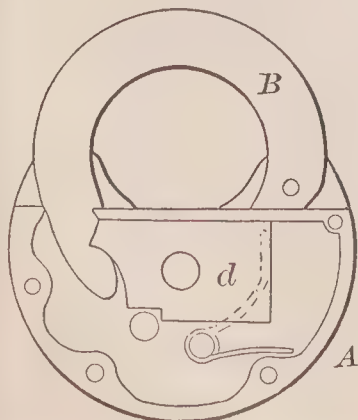
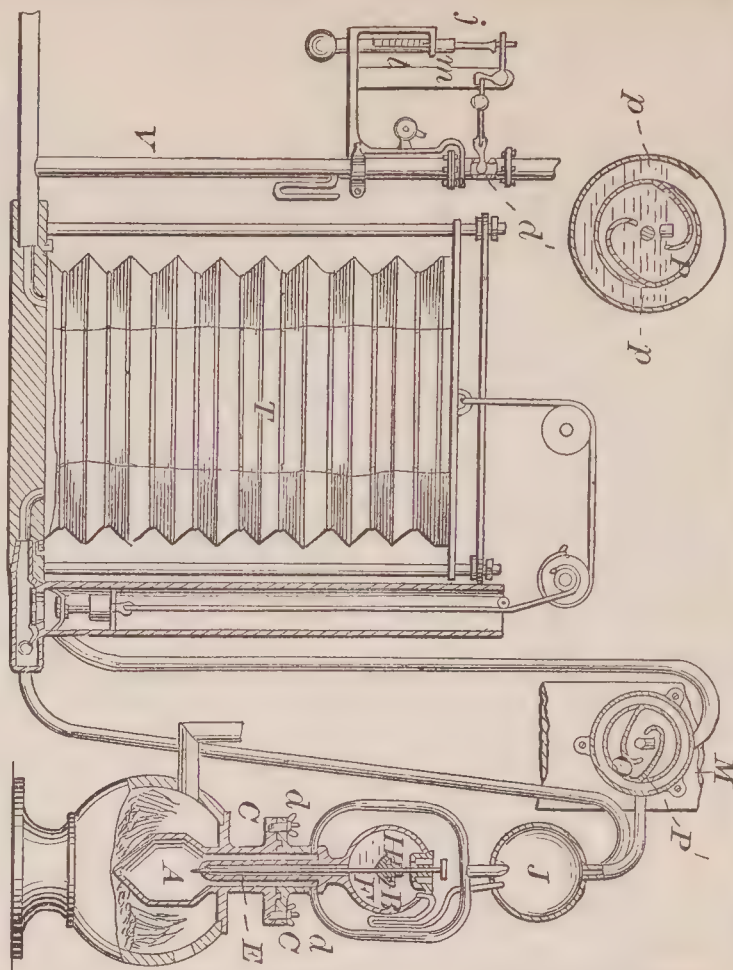
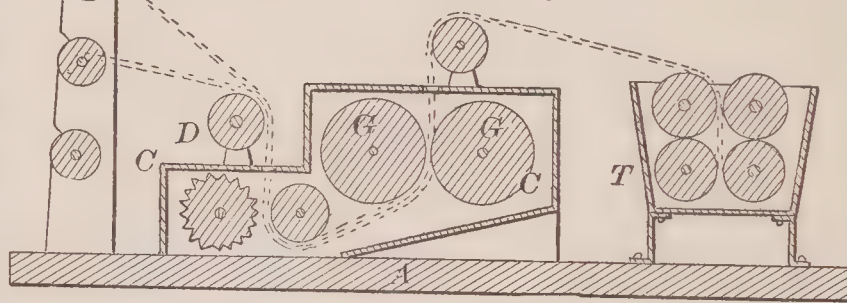
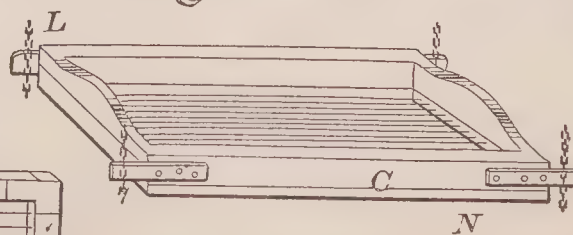
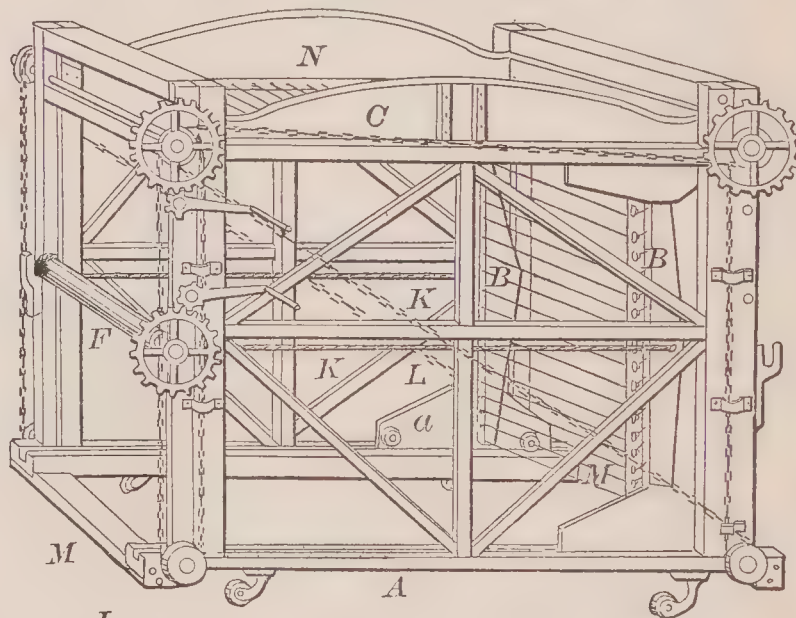
81195—D. Newton—*Friction Brake for Sewing Machines.*



81192—G. L. Miller—*Car Brake.*

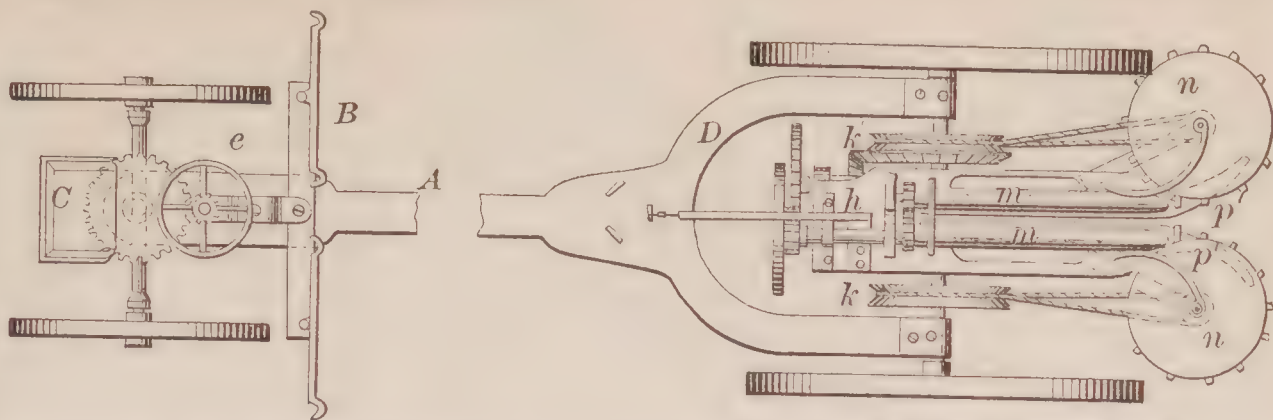




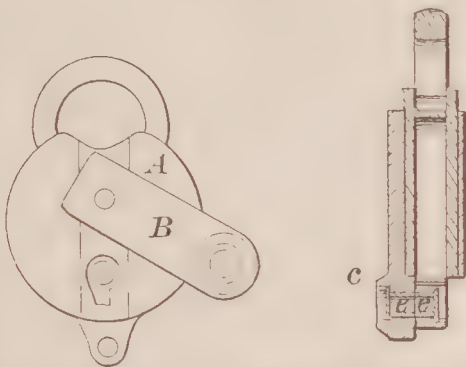
81196—W. E. Nichols—*Gate*.81201—S. L. Pattee—*Spindle Step*.81203—O. S. Pease—*Seal Lock*.81198—Ofeldt & Almquist—*Manufacture of Illuminating Gas*.81199—J. J. Ott—*Preparing Paper for Floor Coverings, &c.*81200—Palmer & Bush—*For Cutting Soap*.

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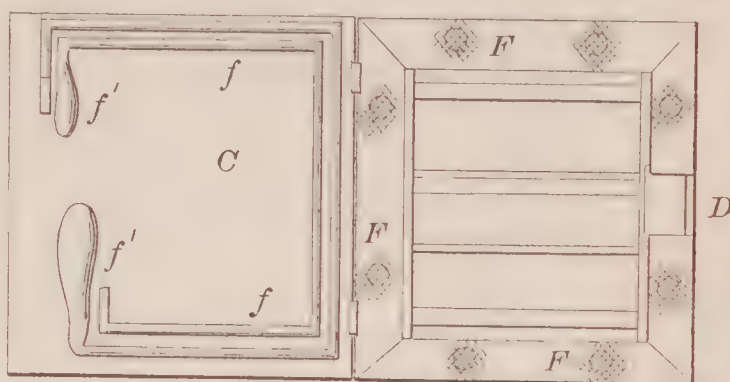
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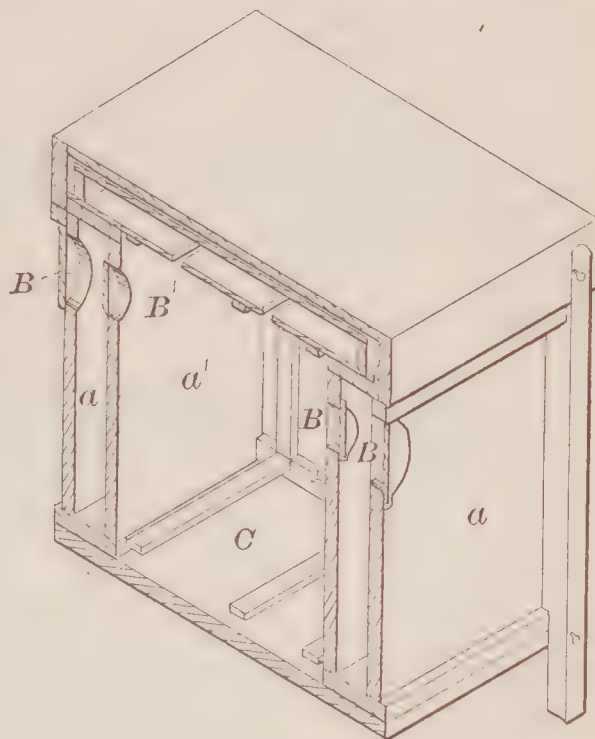
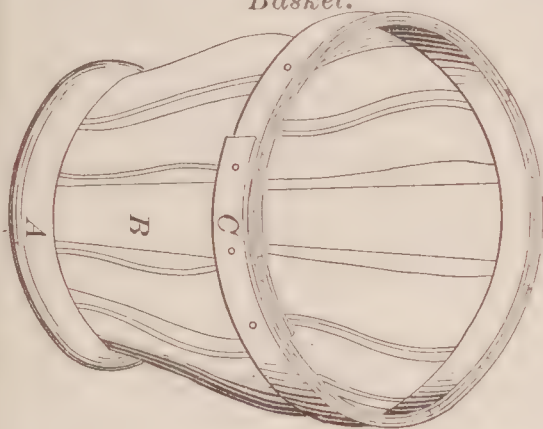
81204—O. S. Pease—*Seal Lock.*



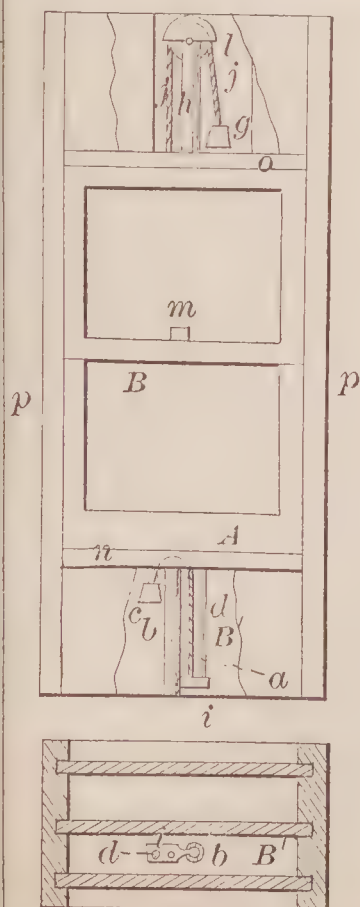
81206—J. F. Pool—*Beehive.*



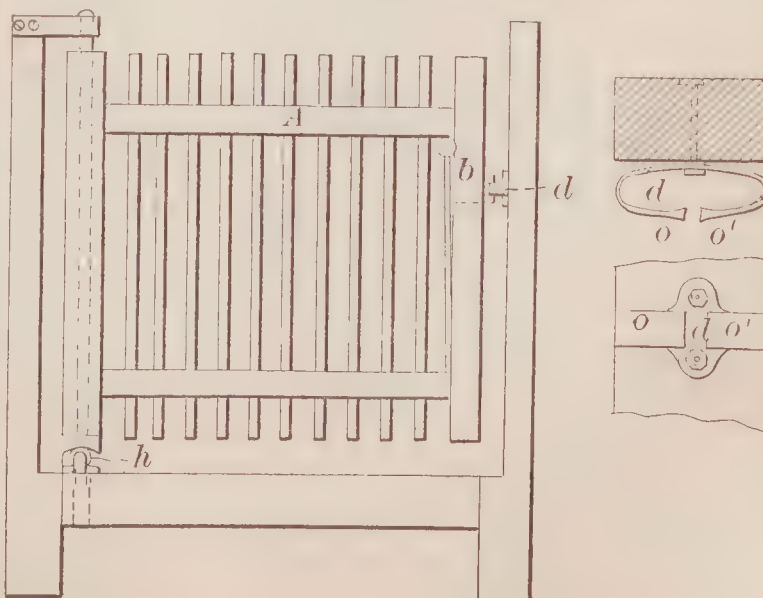
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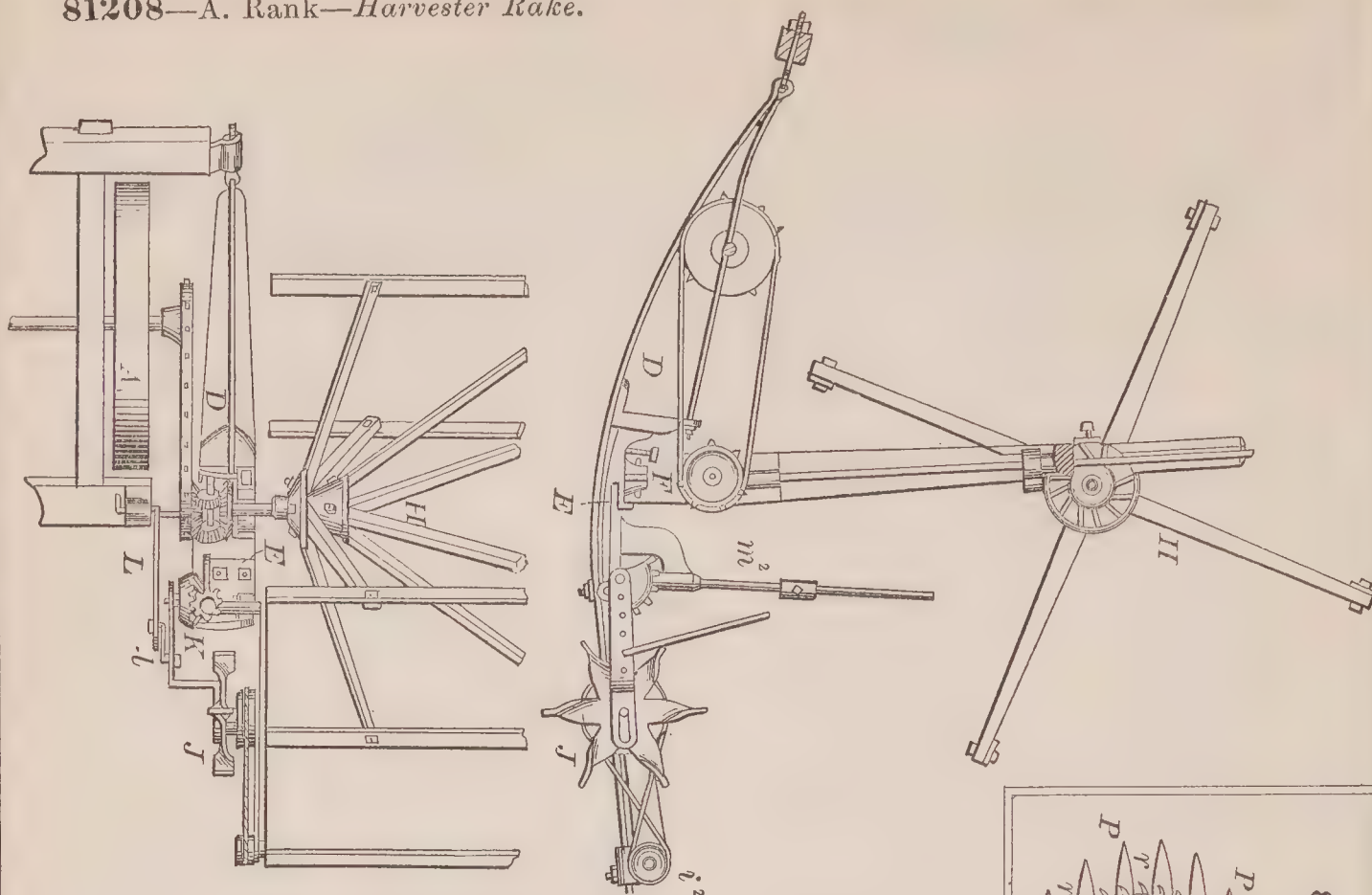
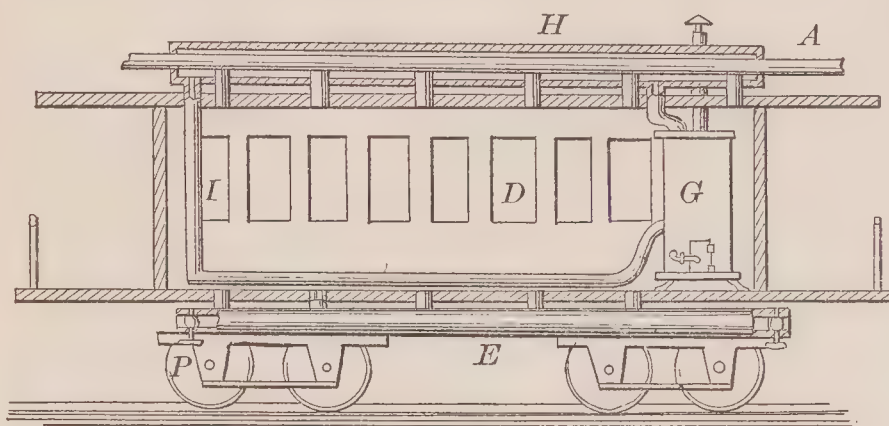
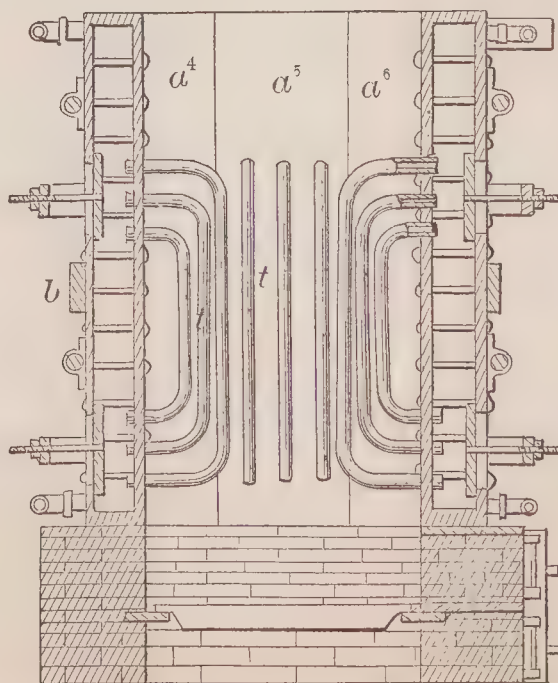
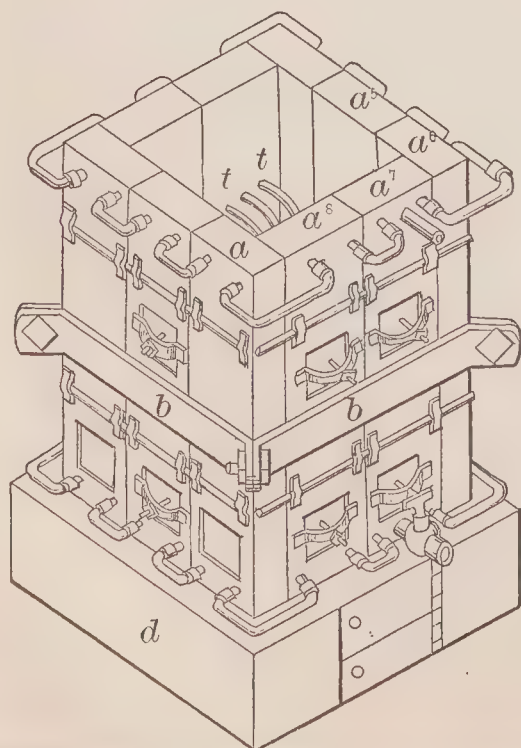
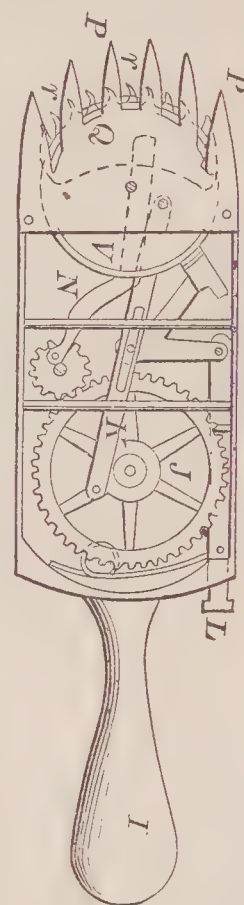
81207—W. Randall—*Sash Supporter.*



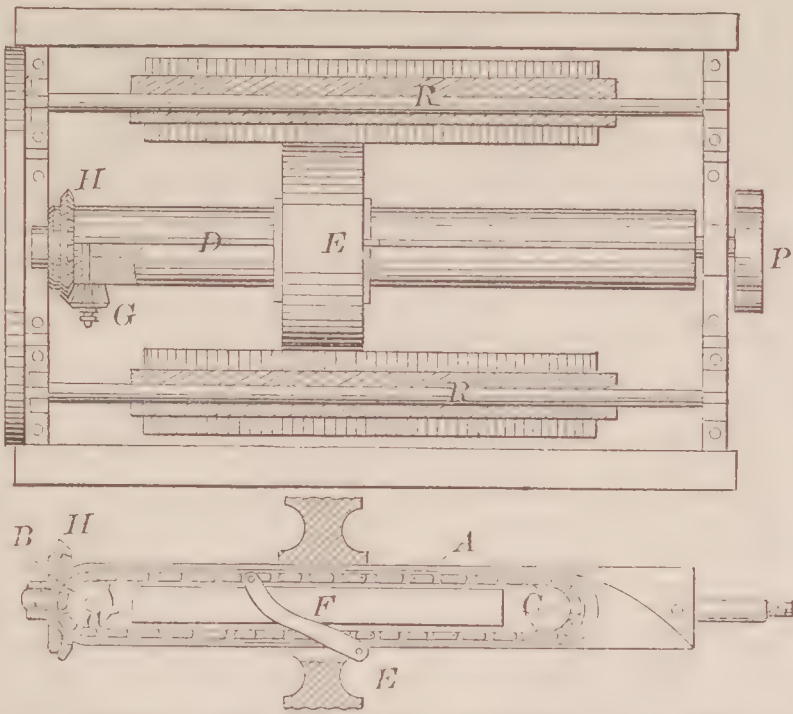
81209—Rasar & Mayes—*Gate Latch.*



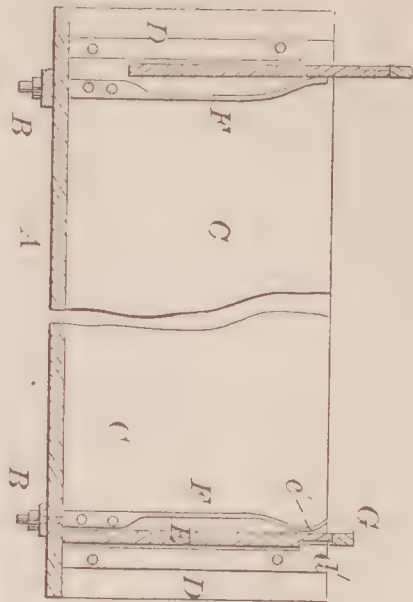


81208—A. Rank—*Harvester Rake.*81211—E. L. Roberts—*For Heating Railroad Cars.*81212—R. E. Rogers—*Steam Generator.*81210—H. A. Reid—*Sheep Shearing Machine.*

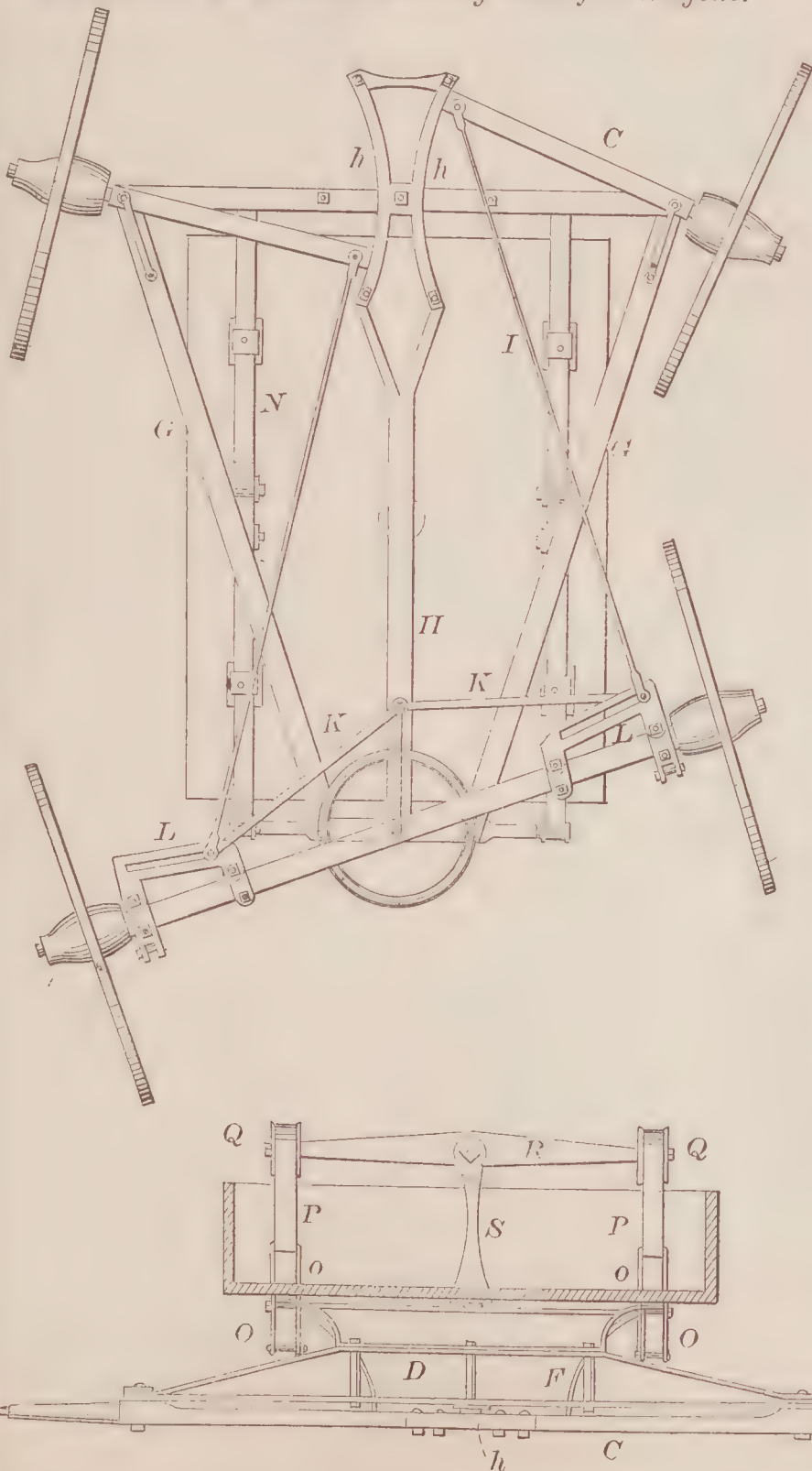
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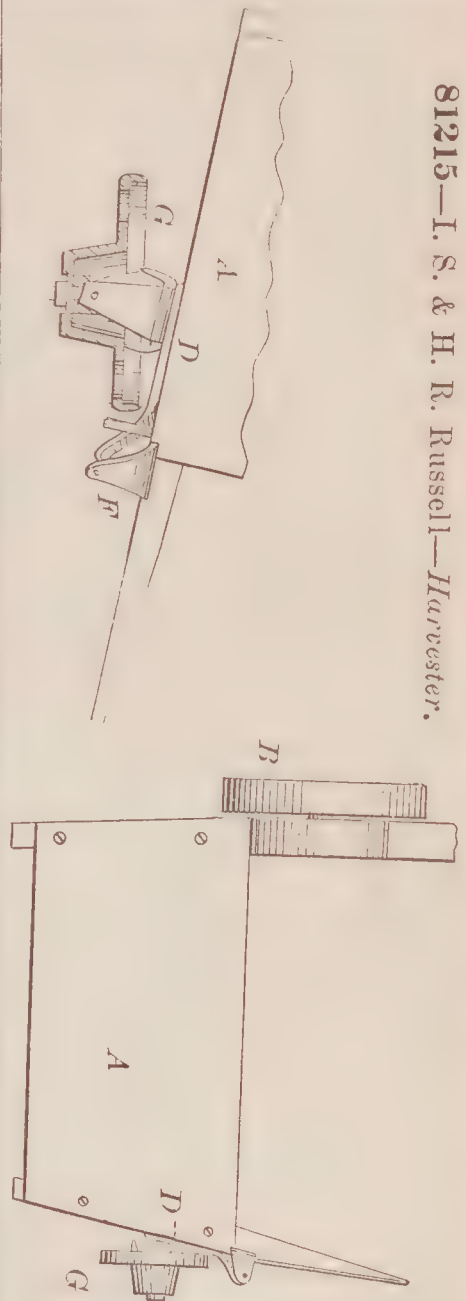
81216—Seitz & Arnold—Wagon.



81217—C. M. Sexton—*Running Gear for Wagons.*

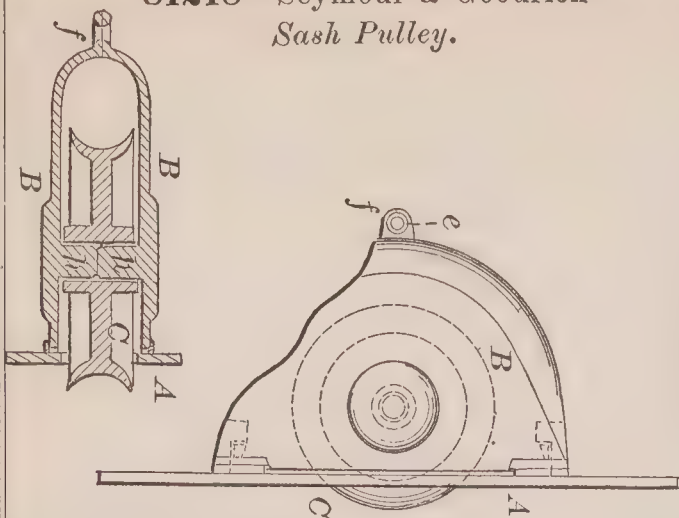


81215—I. S. & H. R. Russell—*Harvester*.

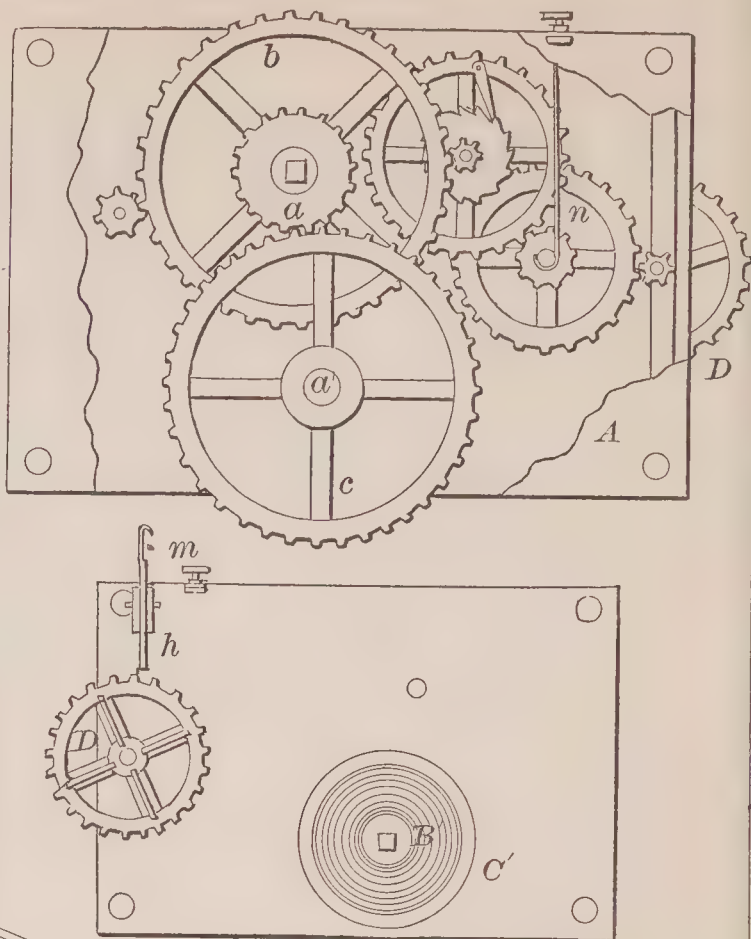




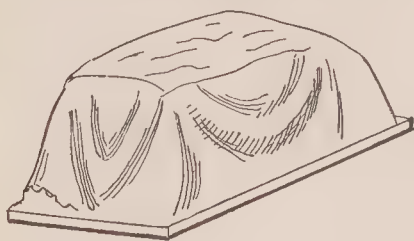
81218—Seymour & Goodrich—  
*Sash Pulley.*



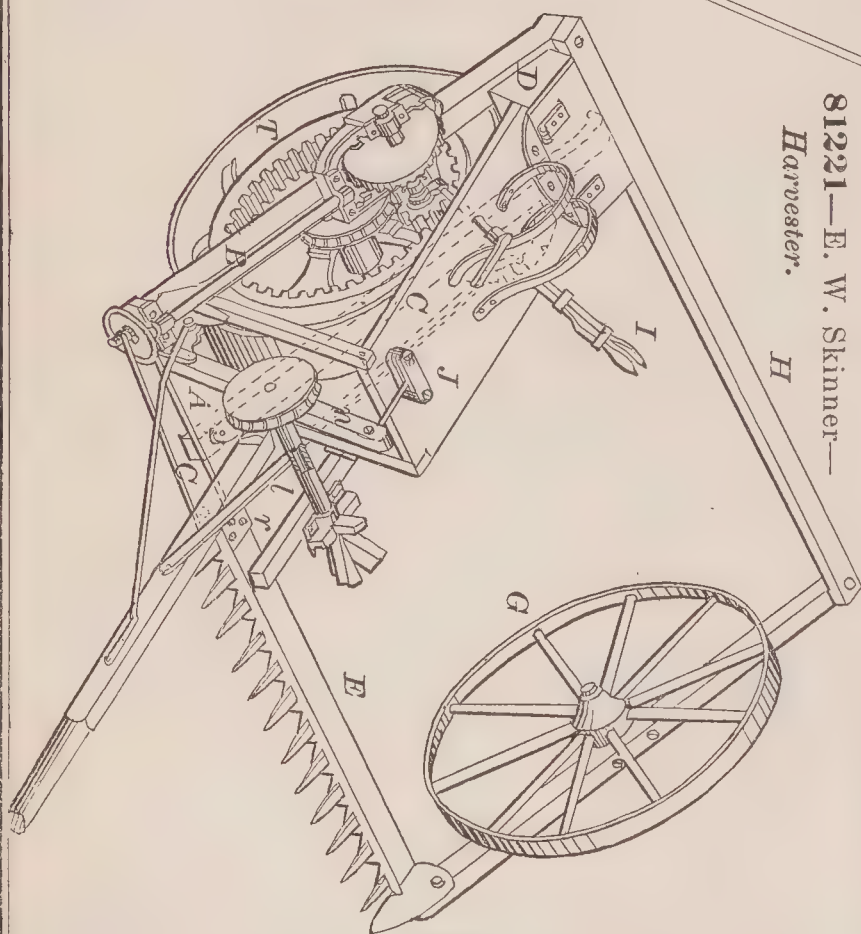
81219—E. Shiver—*Sewing Machine Motor.*



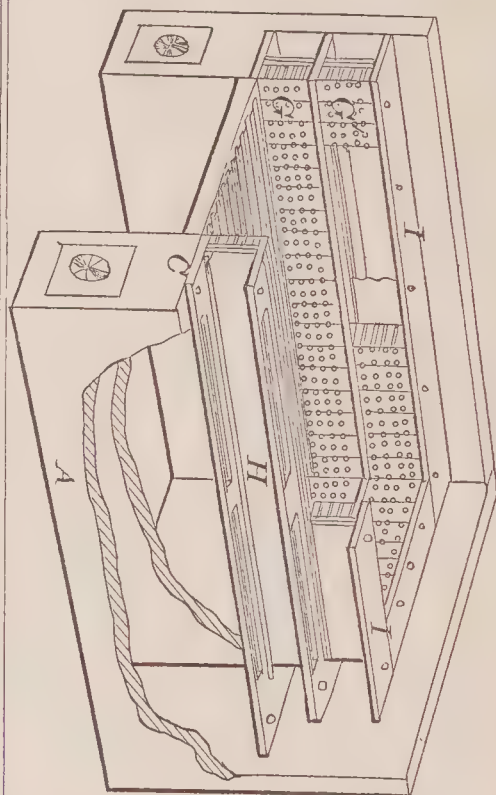
81220—A. Simons—*Trellis for  
Propagating Bees.*



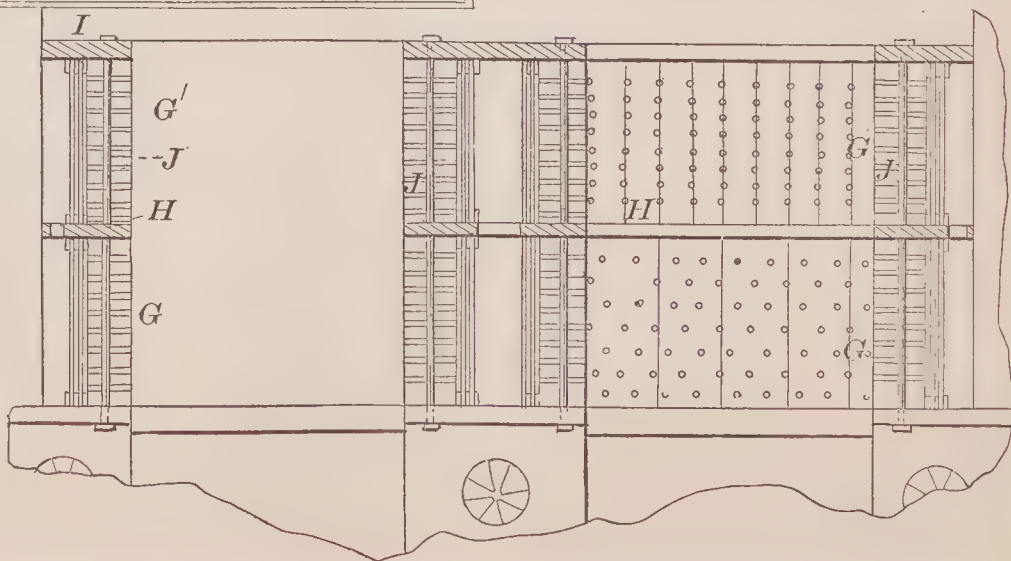
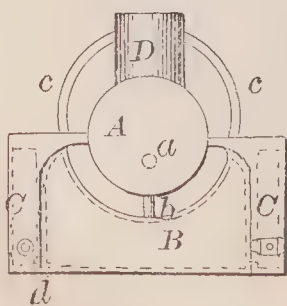
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*Harvester.*



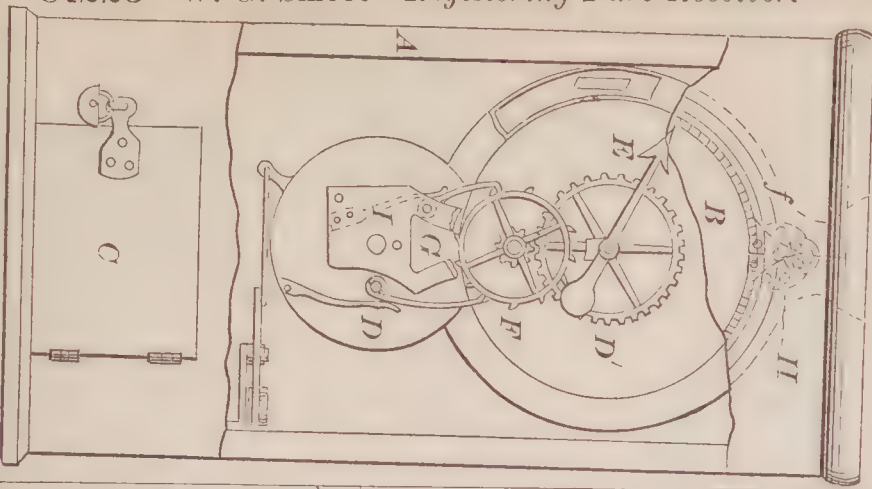
81222—S. Smith—*Steam Boiler Furnace.*



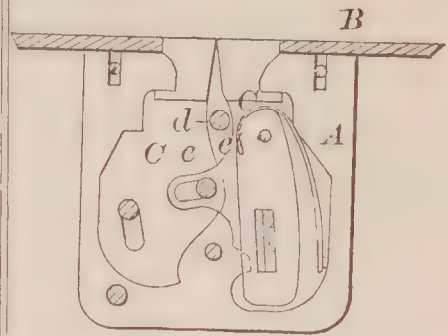
81225—J. Sutliff—  
*Steam Generator*



81223—W. G. Smoot—*Registering Fare Receiver.*



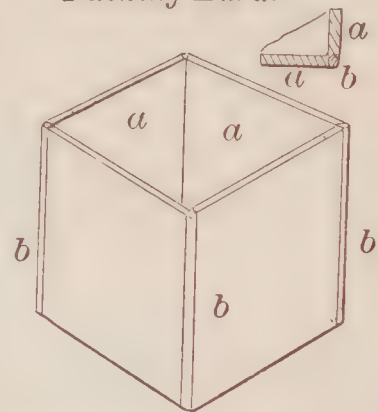
81226—J. Thielemann—*Piano Lock.*



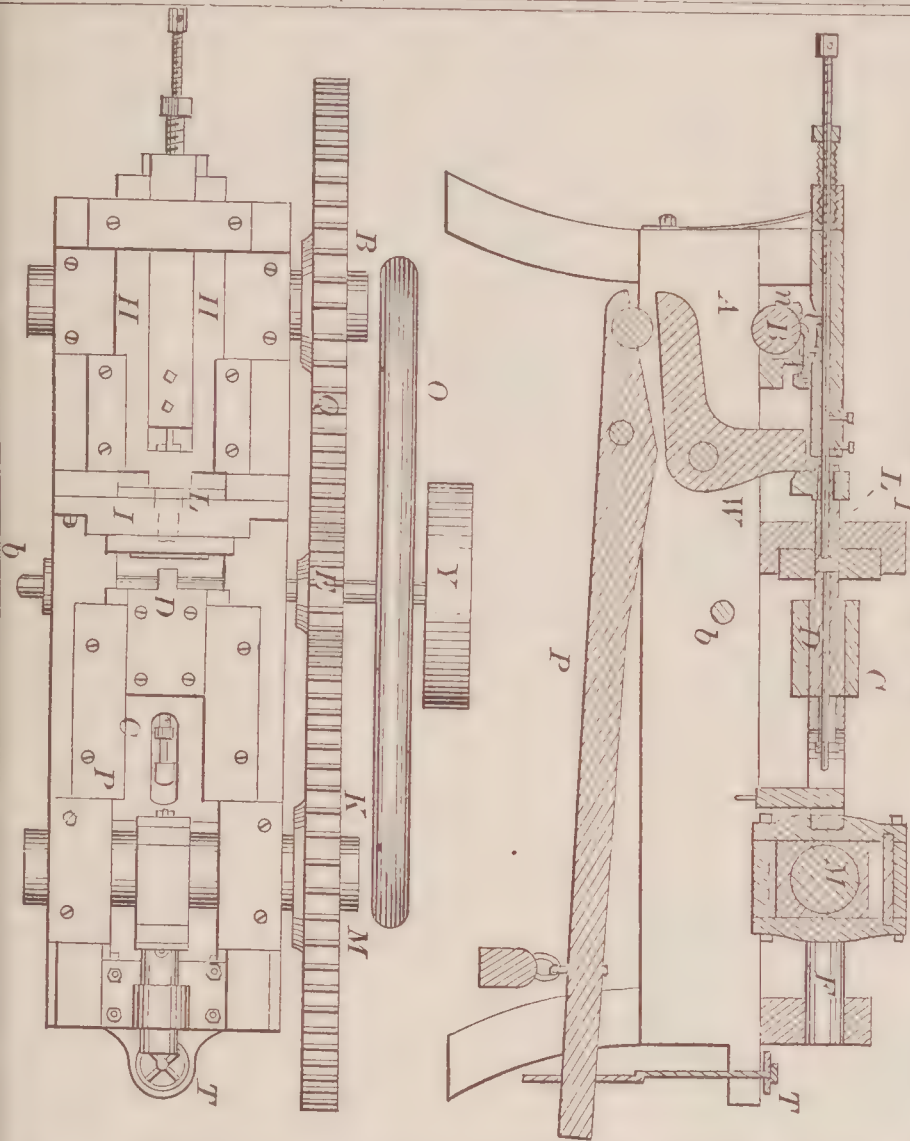
81228—E. S. Torrey—*Weather Strip.*



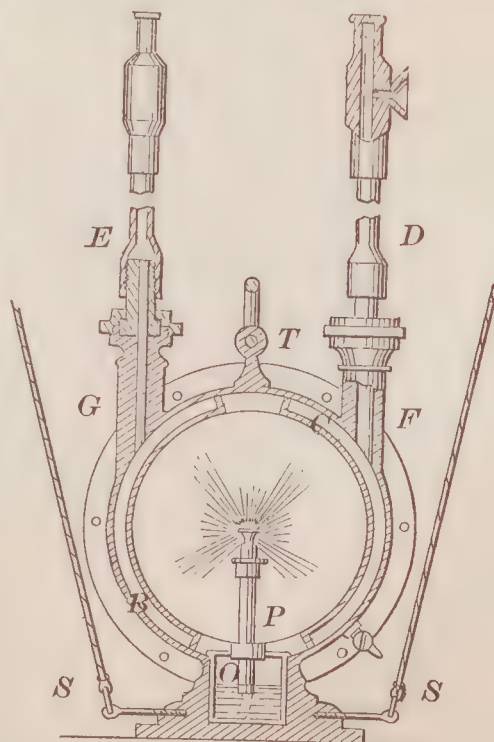
81229—C. L. Tucker—*Cementing Box for Packing Lard.*



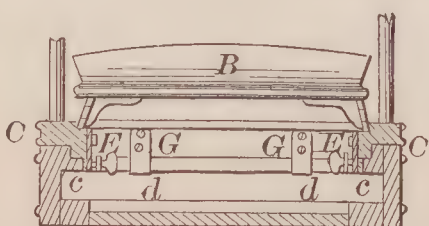
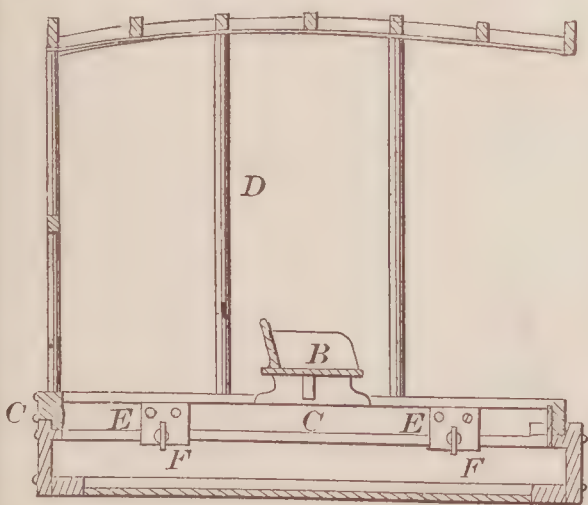
81224—J. H. Sternbergh—*Making Nuts.*



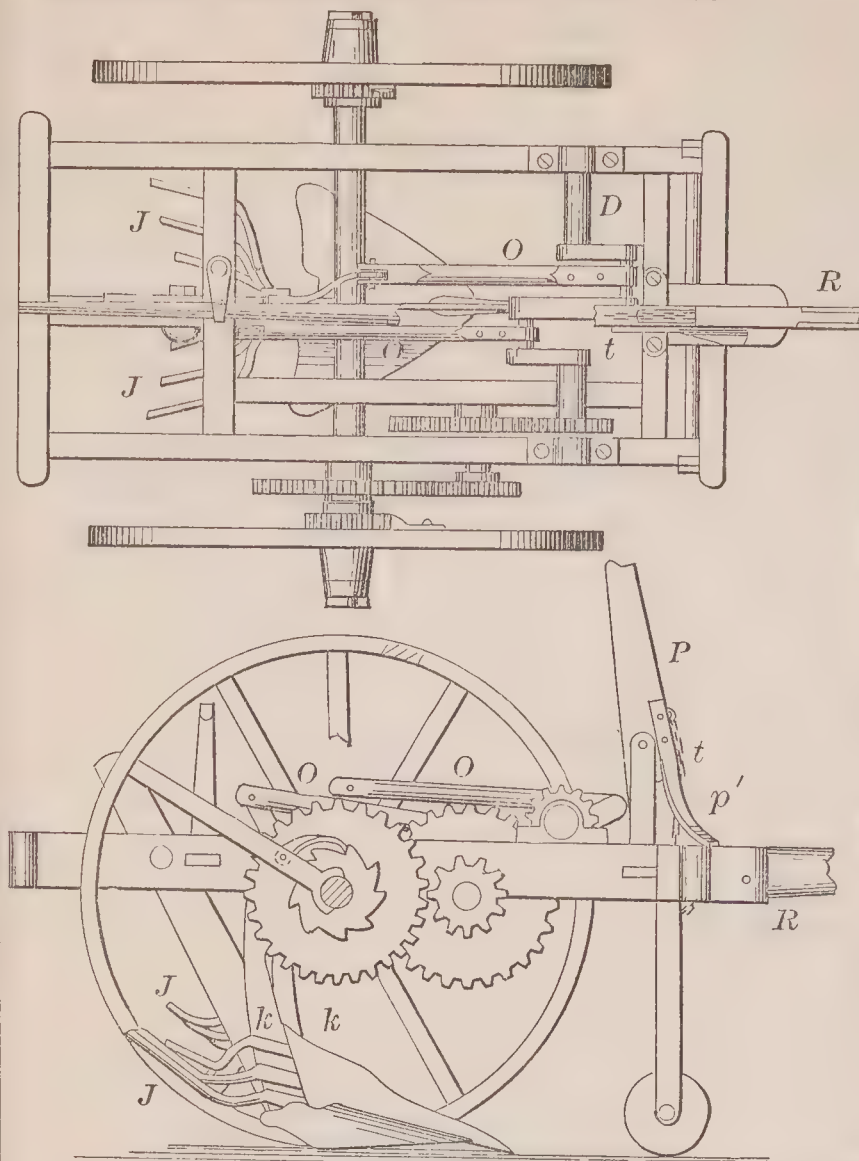
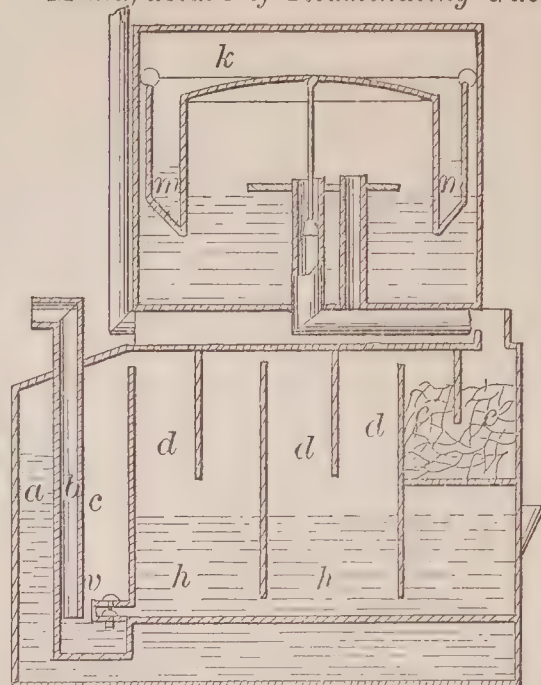
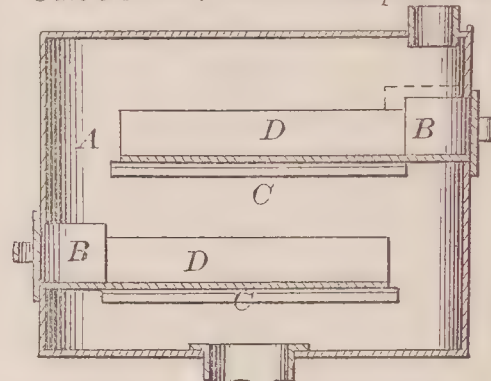
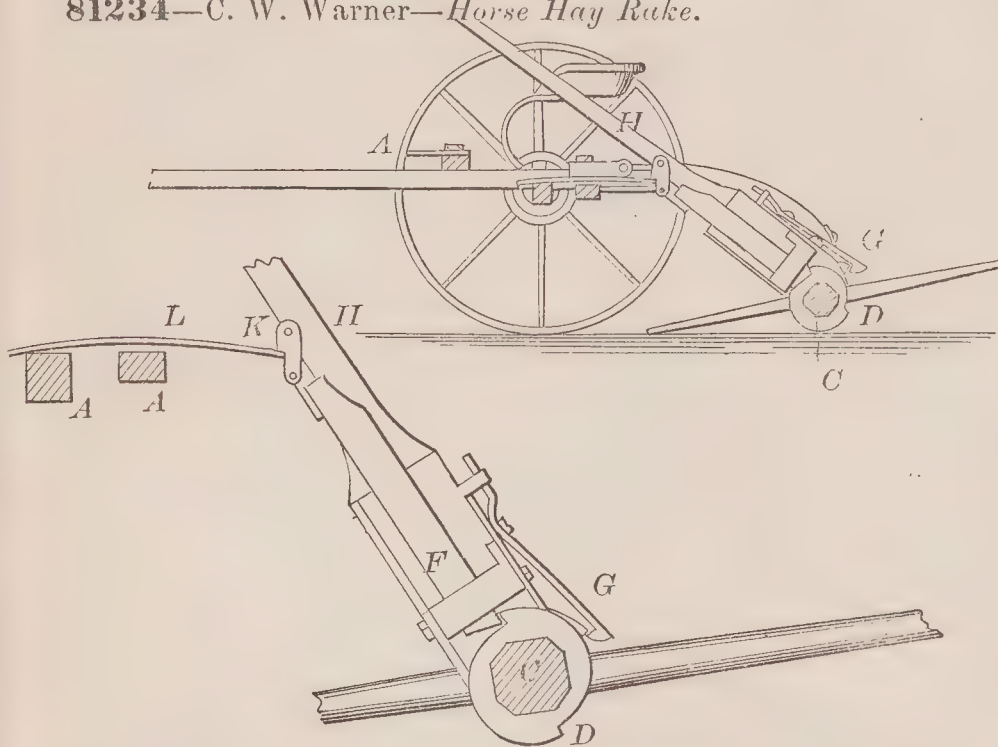
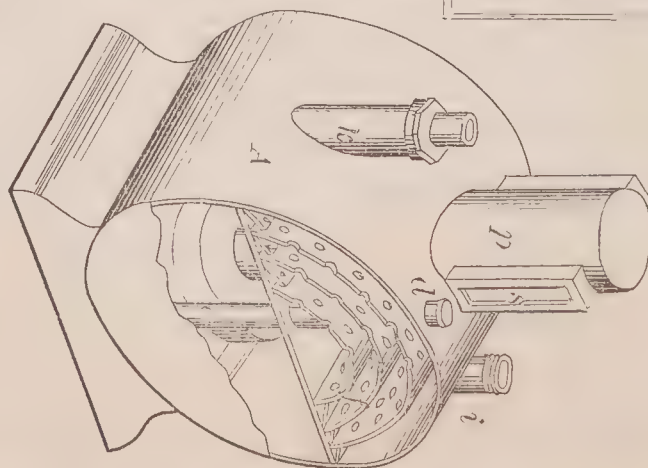
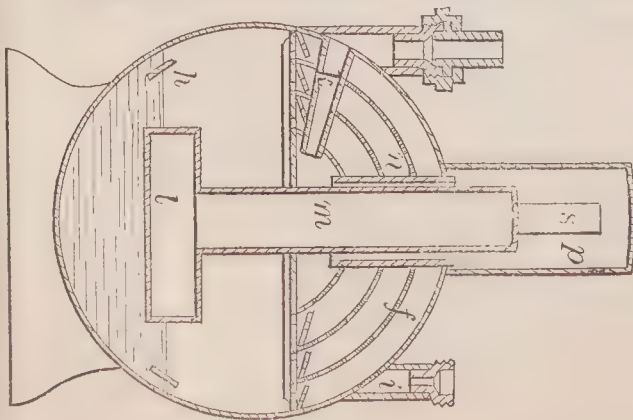
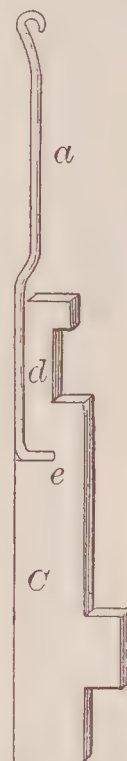
81231—M. V. Weide—*Submarine Lantern.*



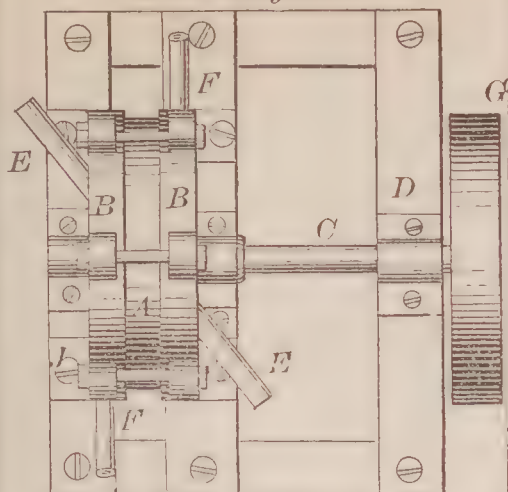
81227—S. Titcomb—*Carriage.*



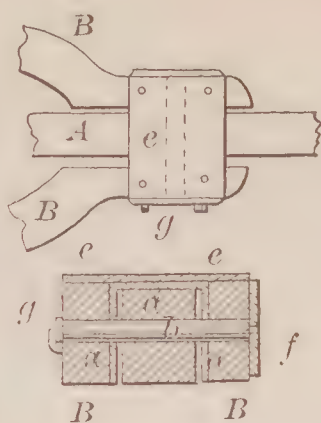


81230—Vanderveer & Riddel—*Potato Digger.*81232—P. H. V. Weyde—*Manufacture of Illuminating Gas.*81236—D. Wolf—*Evaporator.*81234—C. W. Warner—*Horse Hay Rake.*81238—H. Woodward—*For Carburetting.*81235—H. J. Wickham—*Jack for Knitting Needle.*

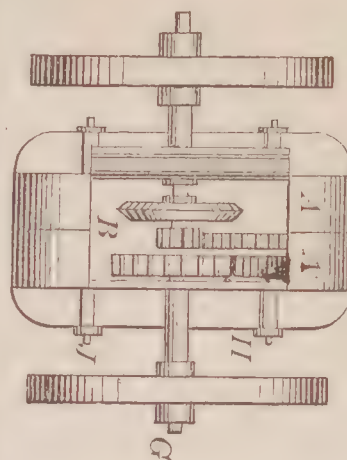
81239—J. Woody—*Rotary Steam Engine.*



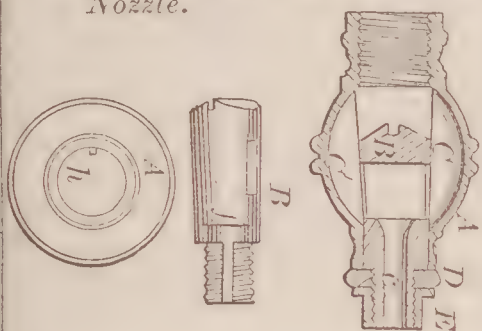
81240—J. M. Wynn—  
Wagon Coupling.



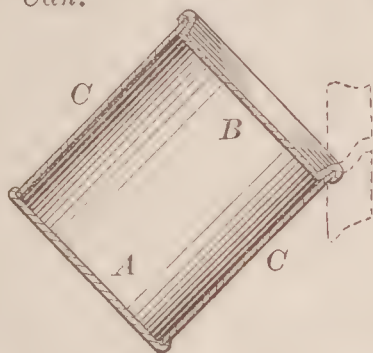
81241—G. W. N. Yost—Harvester.



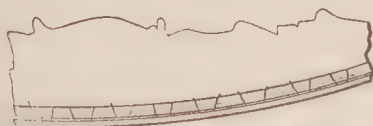
81242—F. S. Babbit—*Pipe  
Nozzle.*



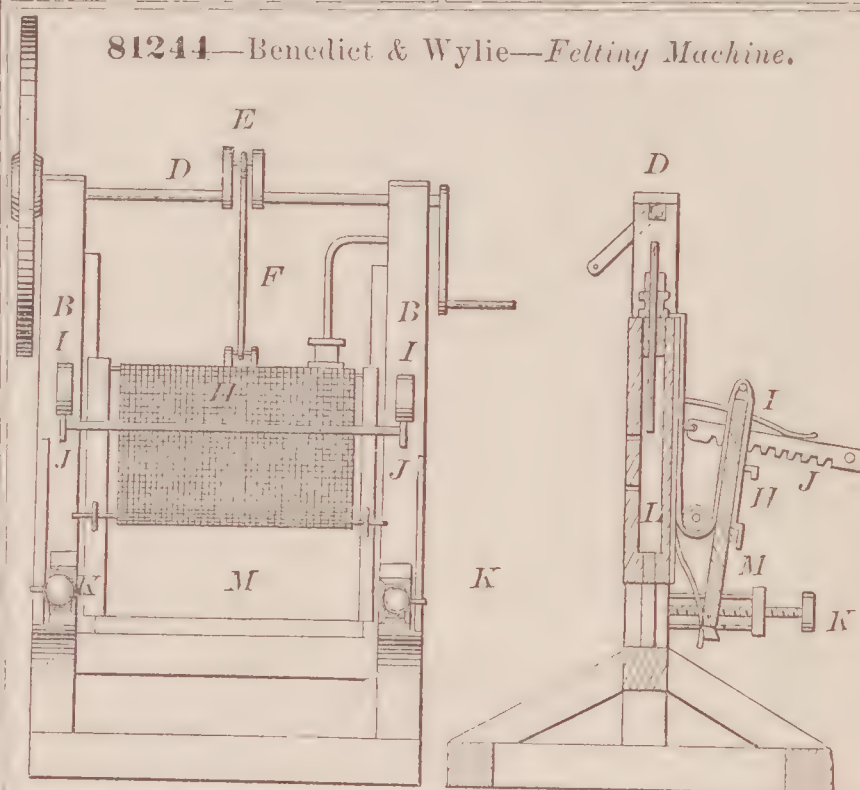
81243—C. Barry—*Air Tight Can.*



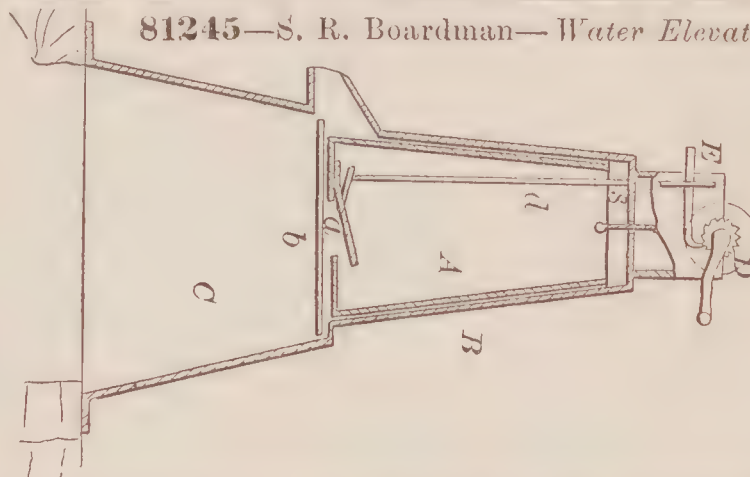
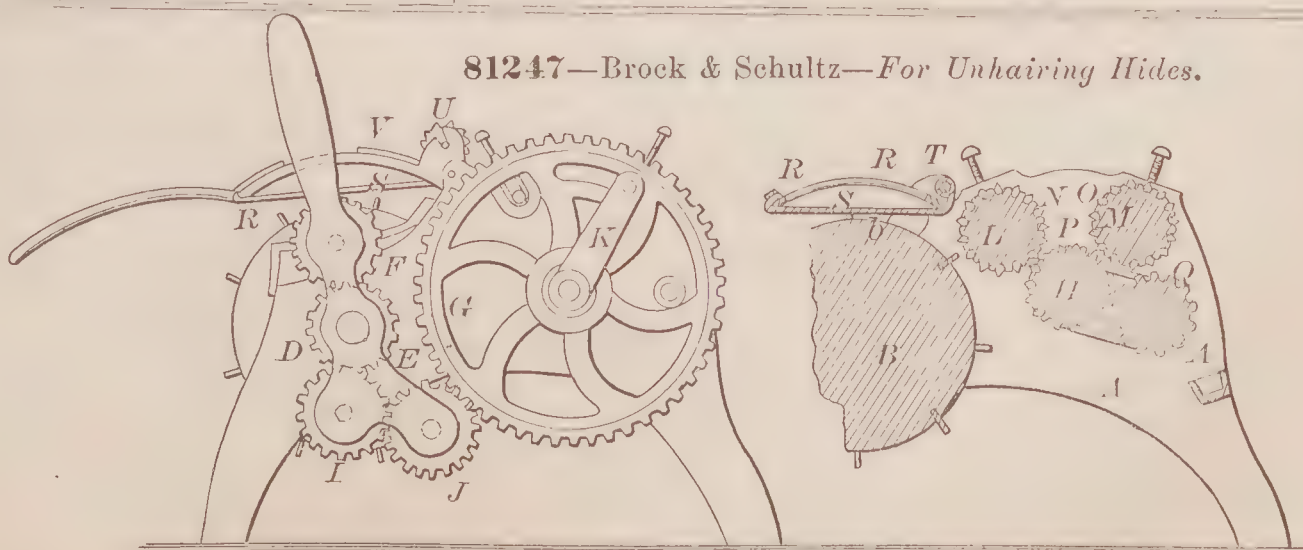
81246—C. F. Bosworth—  
*Attaching Wires to Hat Brims.*



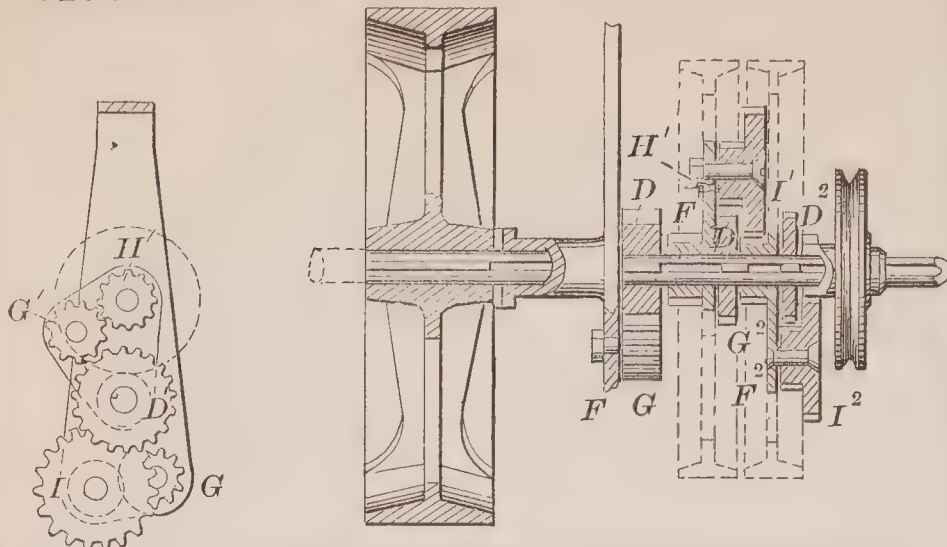
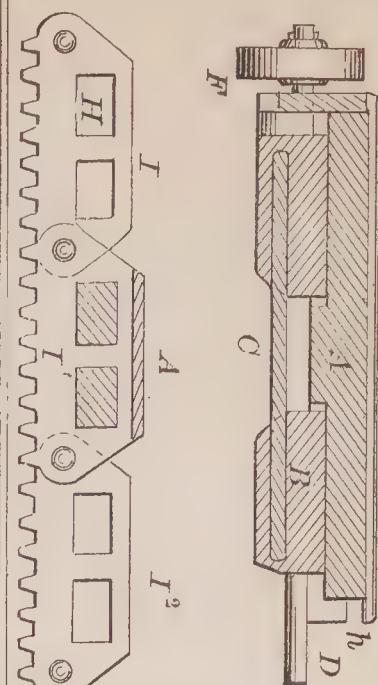
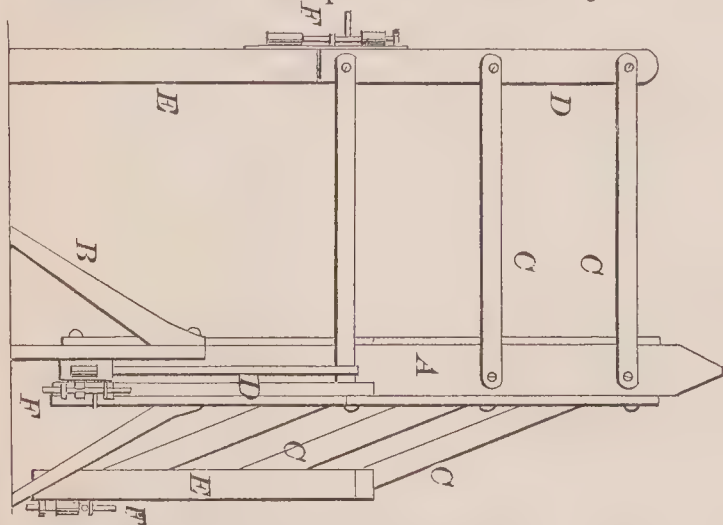
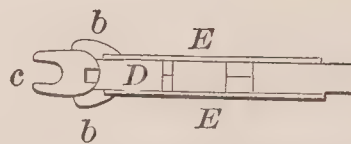
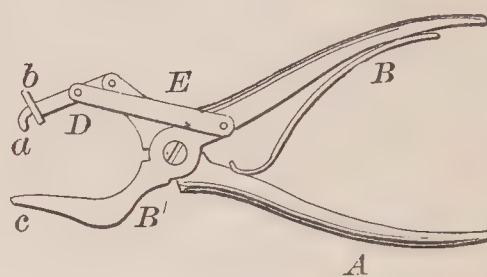
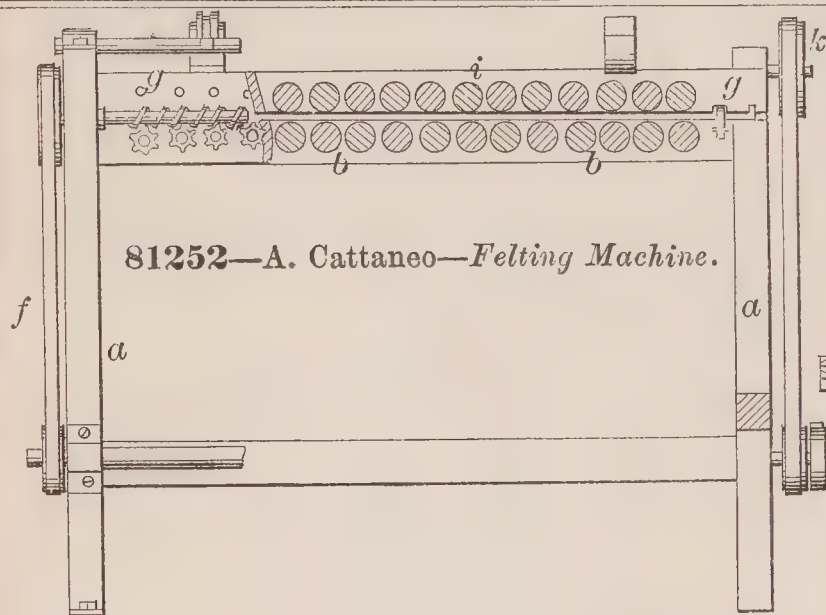
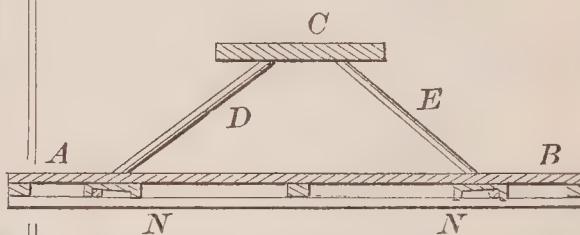
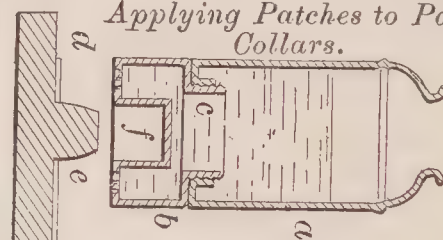
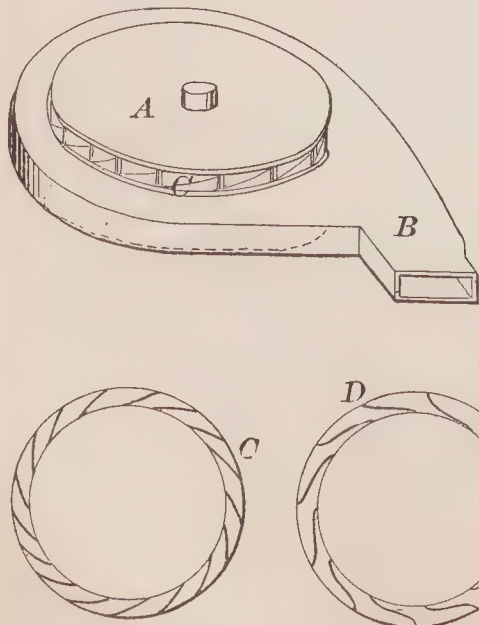
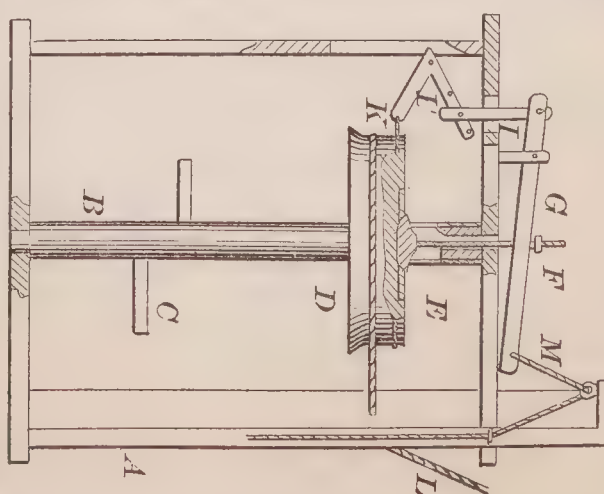
81244—Benedict & Wylie—*Felting Machine.*



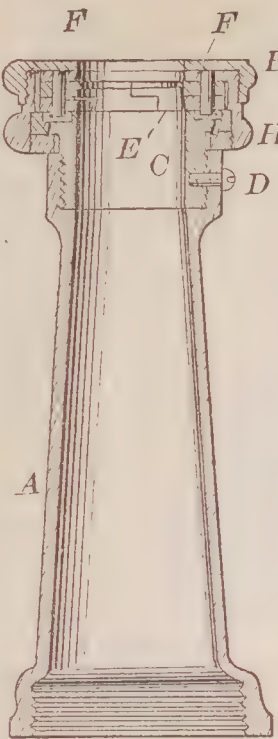
81245—S. R. Boardman—*Water Elevator.*

81247—Brock & Schultz—*For Unhairing Hides.*

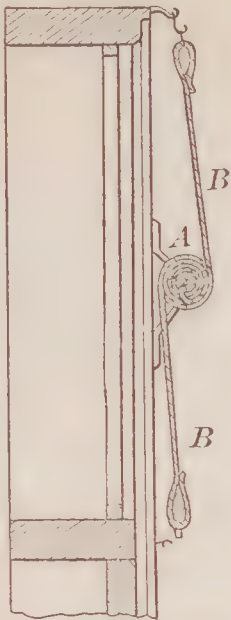


81248—Browne & Goodwin—*Mechanical Movement.*81251—J. Casho—*Link for Endless Chains.*81249—M. T. Campbell—*Clothes Dryer.*81250—E. Card—*Shoe Buttoner.*81252—A. Cattaneo—*Felting Machine.*81253—W. R. Clough—*Paper File.*81255—Courtney & Redmayne—*Applying Patches to Paper Collars.*81254—C. S. Corsett—*Water Wheel.*81256—W. W. Crapster—*Hoisting Apparatus.*

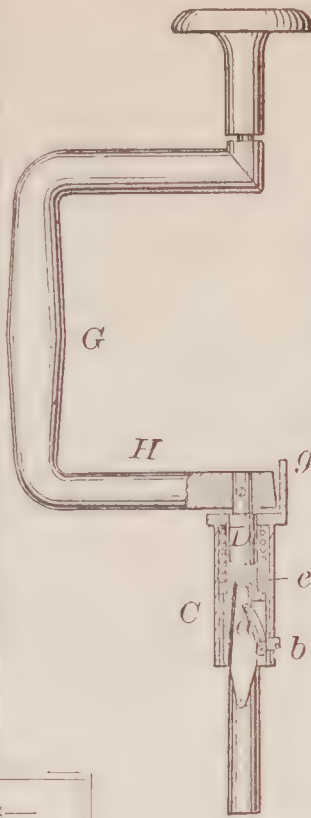
81257—J. A. Cushman—*Loss Pipe Nozzle.*



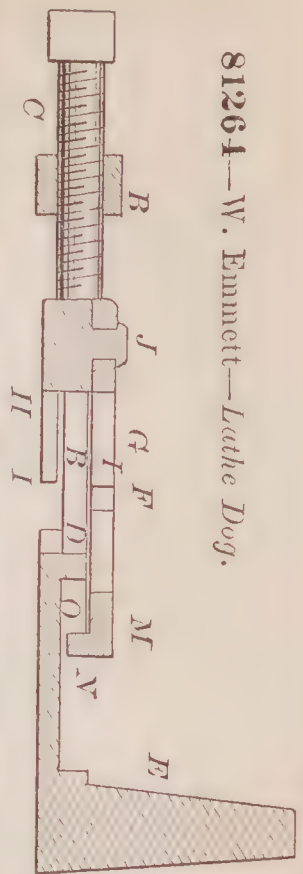
81258—J. David—*Curtain Fixture.*



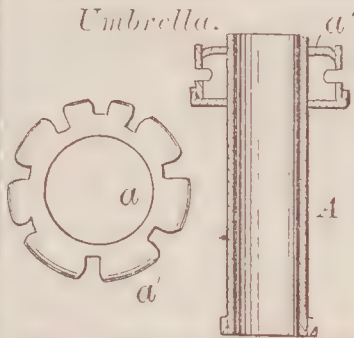
81260—S. W. Davis—*Bit Stock.*



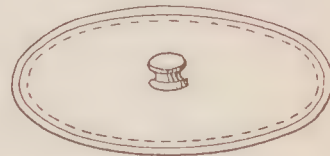
81264—W. Emmett—*Lathe Dog.*



81259—A. G. Davis—*Umbrella.*



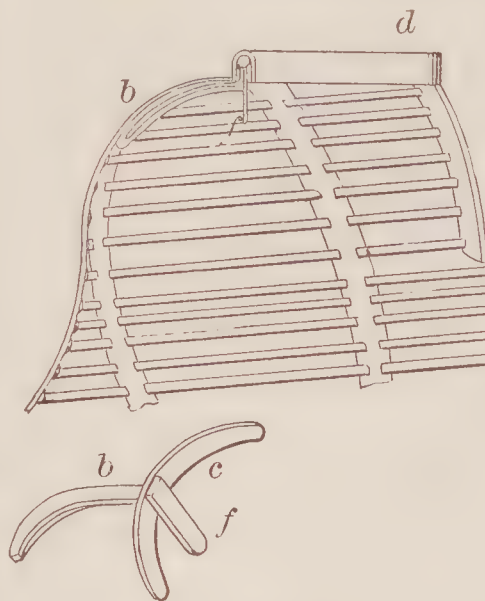
81261—Davison & Lorton—*Chamber Cover.*



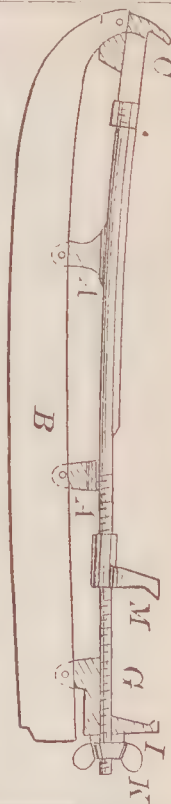
81263—J. Dyson—*Frame for Stretching Drawers.*



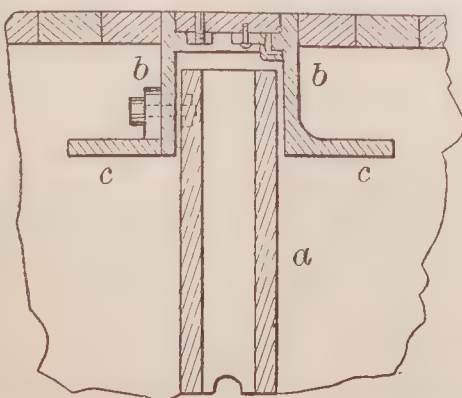
81262—R. B. Duncan—*Bustle Attachment for Skirts.*



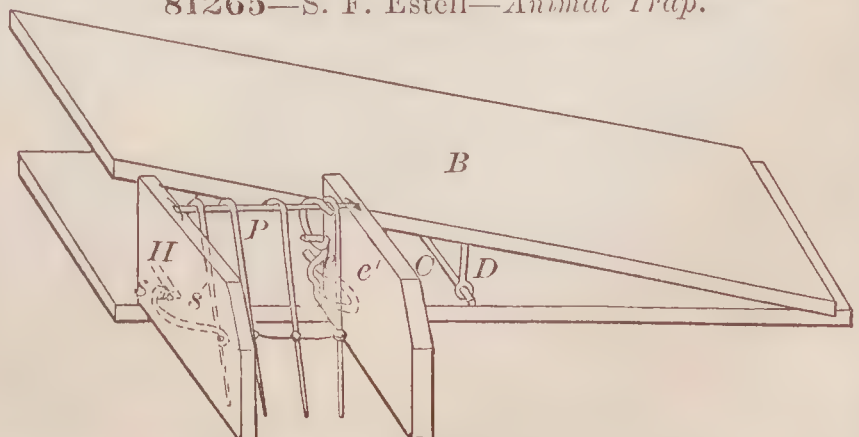
81269—C. Gooch—*State.*



81266—J. A. Finnegan—*Curb for Hydrants.*

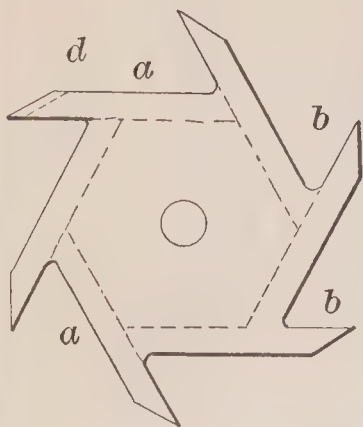


81265—S. F. Estell—*Animal Trap.*

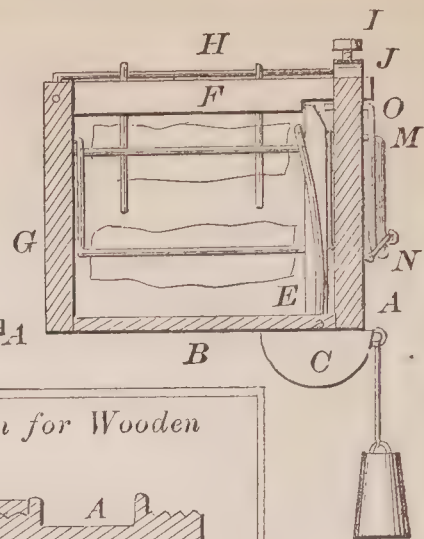
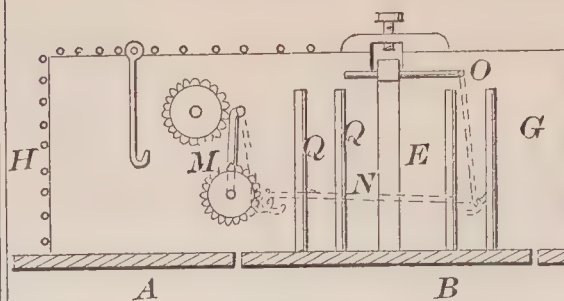




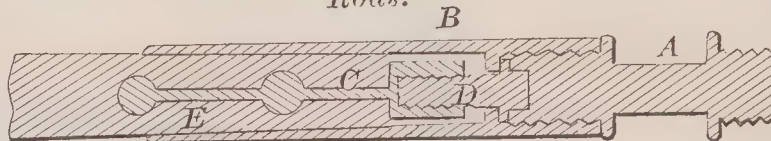
81267—J. F. Folmer—*Circular Saw.*



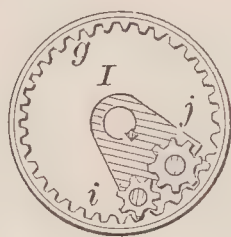
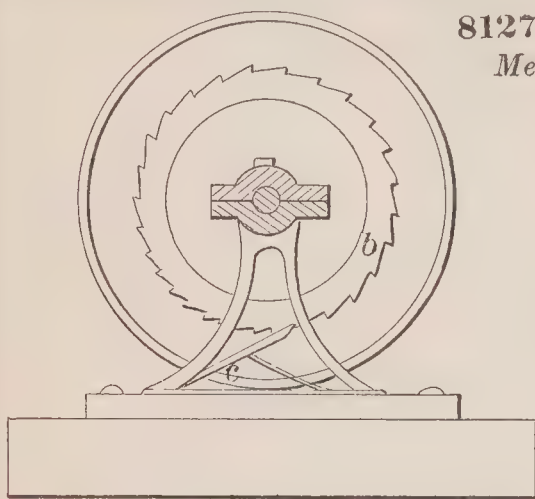
81268—M. D. Fowler—*Rat Trap.*



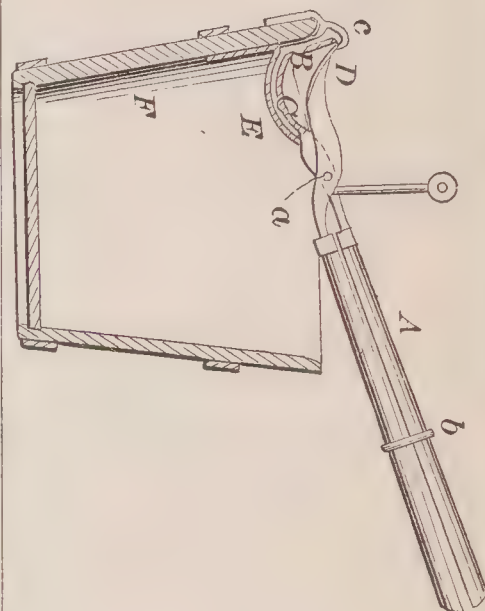
81270—Good & Strouse—*Connection for Wooden Rods.*



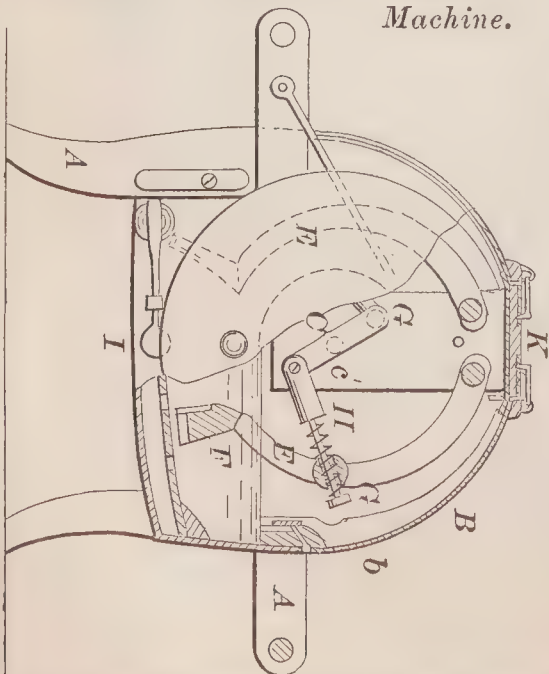
81271—W. F. Goodwin—*Mechanical Movement.*



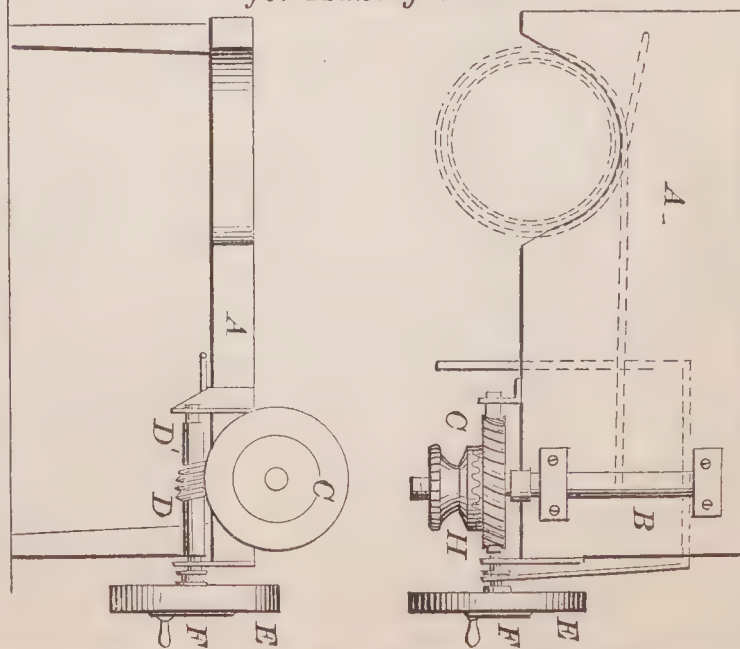
81272—C. Gullmann—*Mop Head and Wringer.*



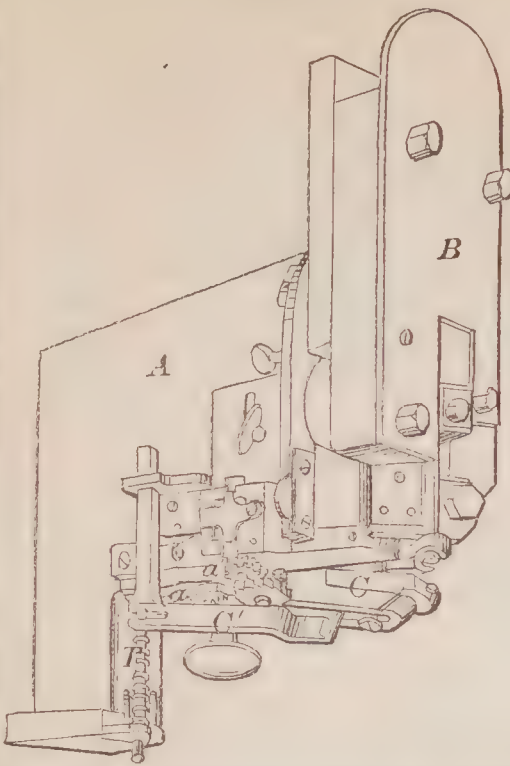
81273—W. Hoeft—*Washing Machine.*



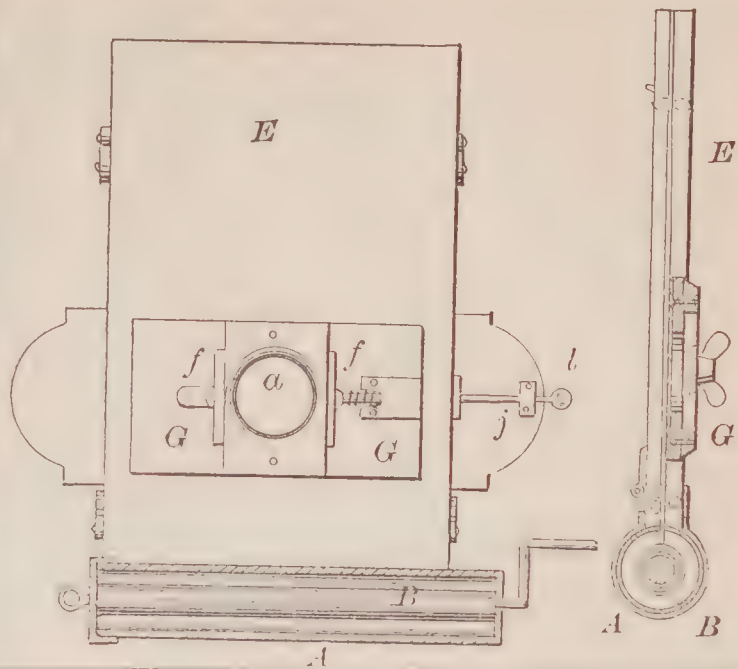
81274—E. & B. Holmes—*Power Windlass for Making Casks.*



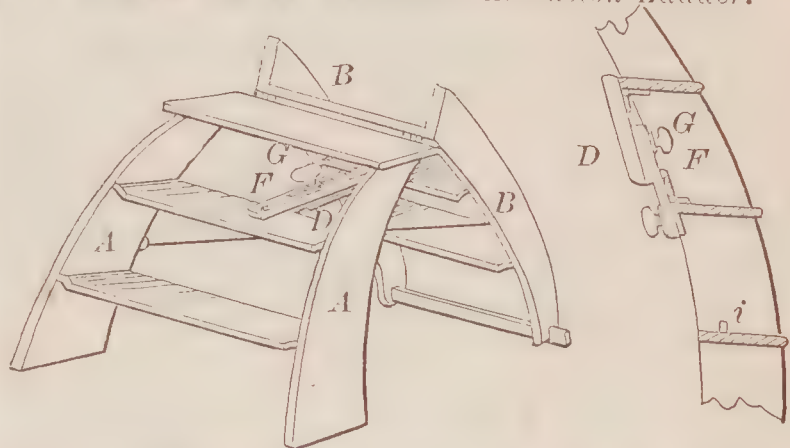
81275—Holt & Williams—Peg Stop for Pegging Machinery.



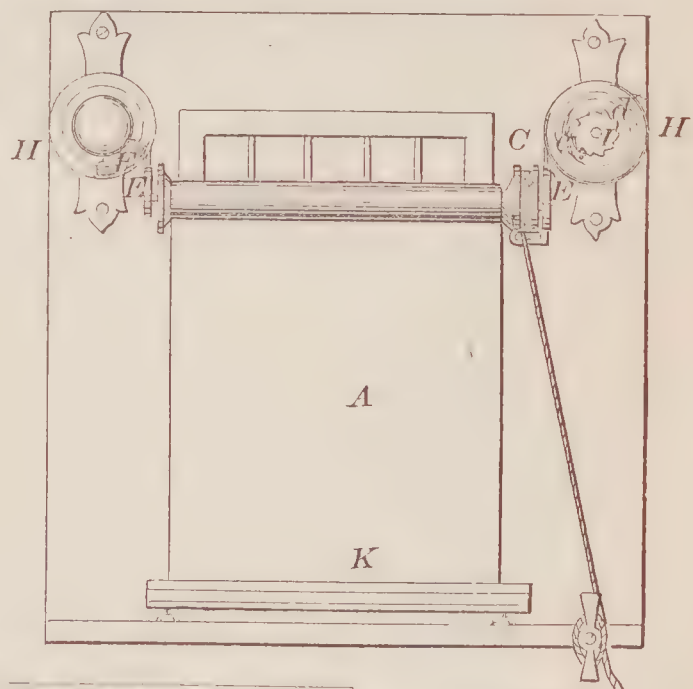
81277—A. S. Kilby—For Printing Photographs.



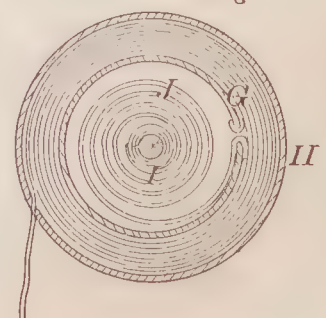
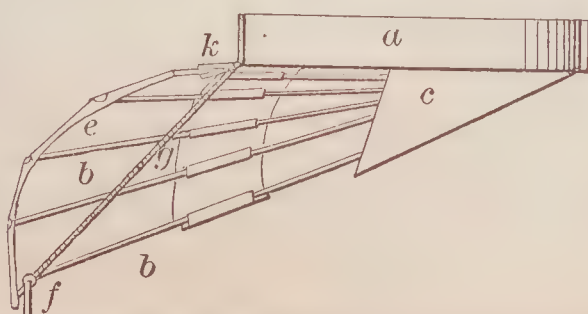
81279—M. M. Knowles—Extension Ladder.



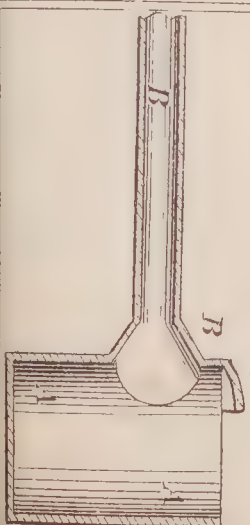
81280—J. D. Legg—Curtain Fixture.



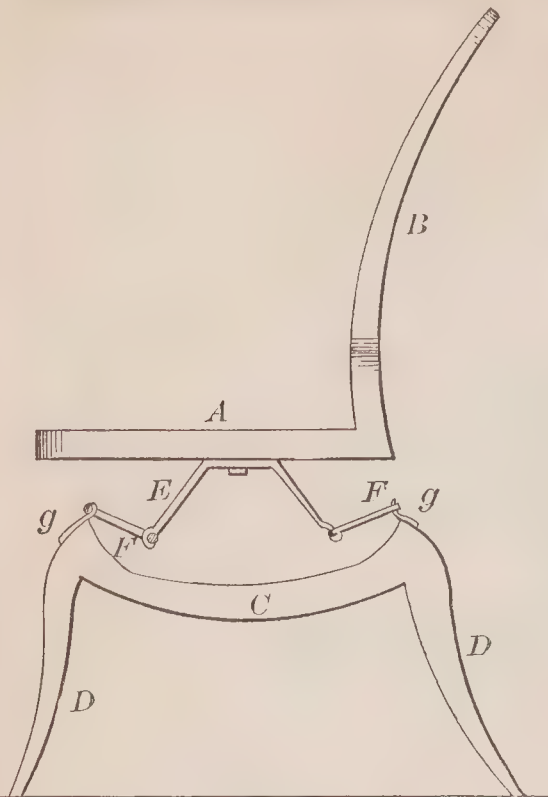
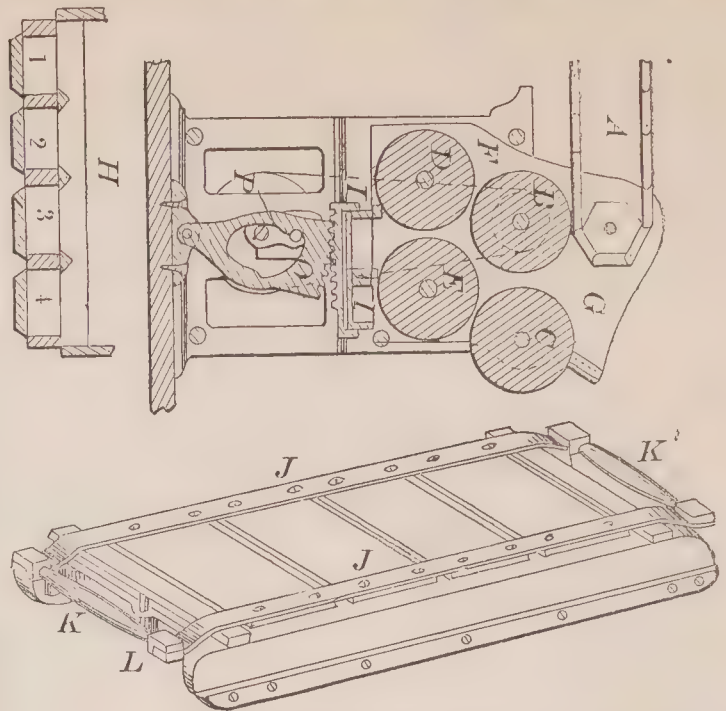
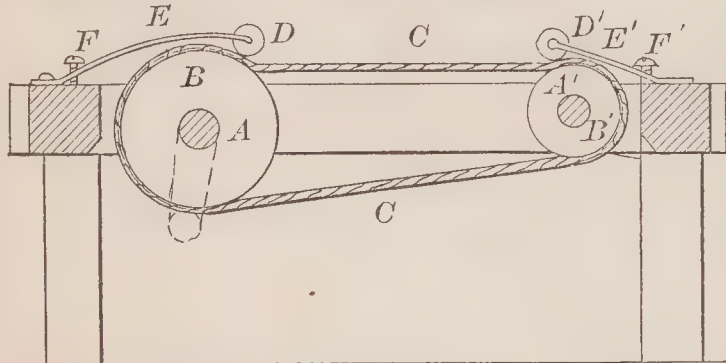
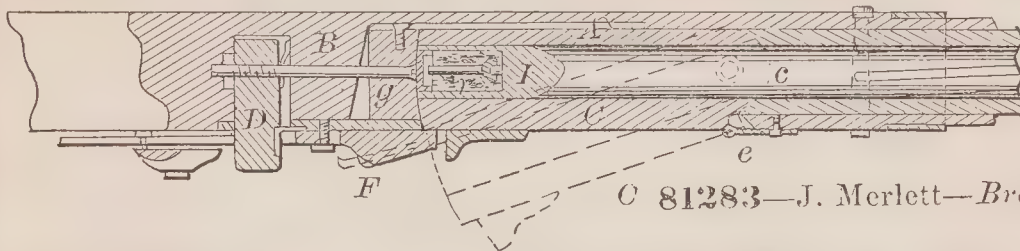
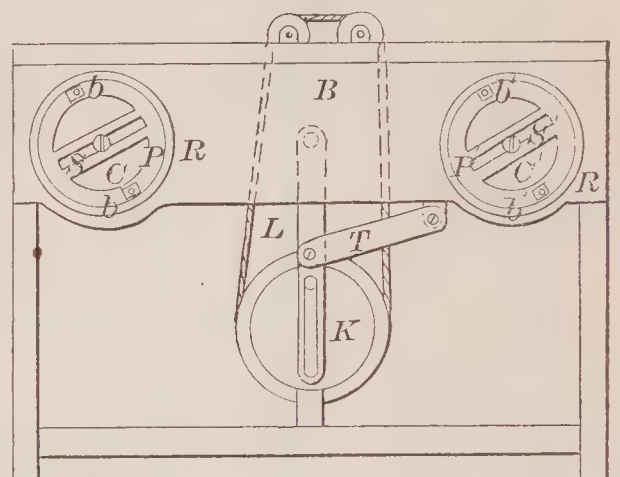
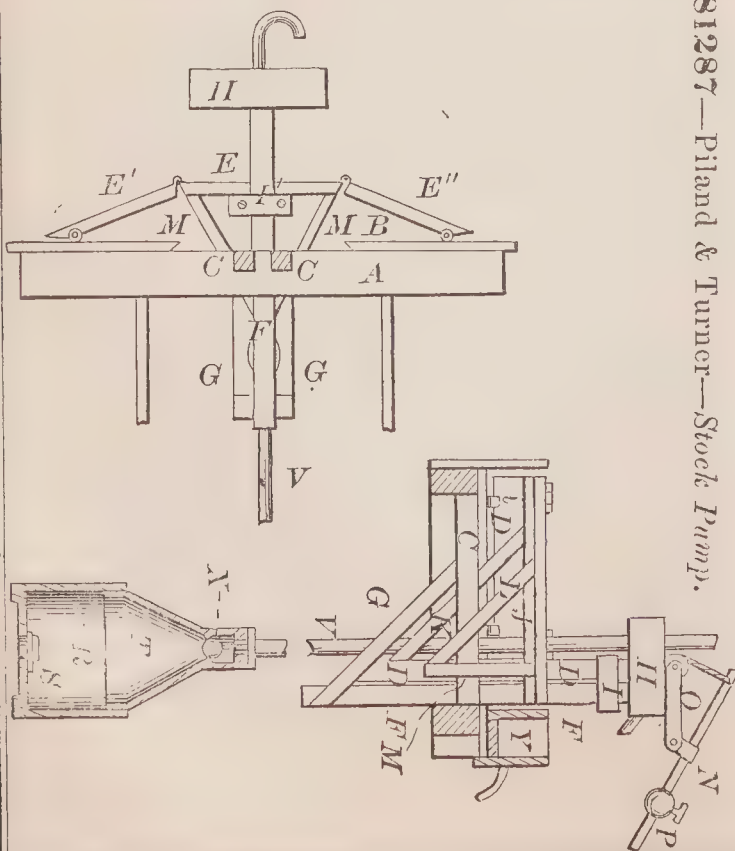
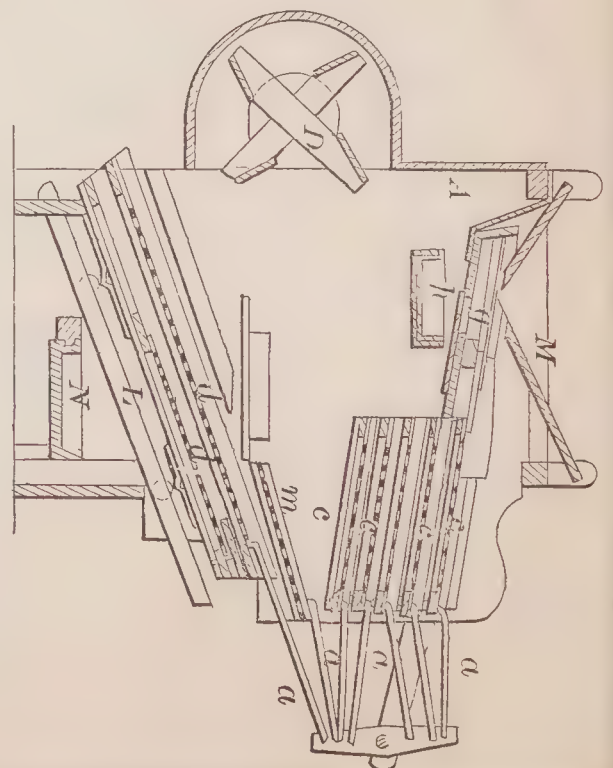
81281—J. B. Loomis—Bustle.



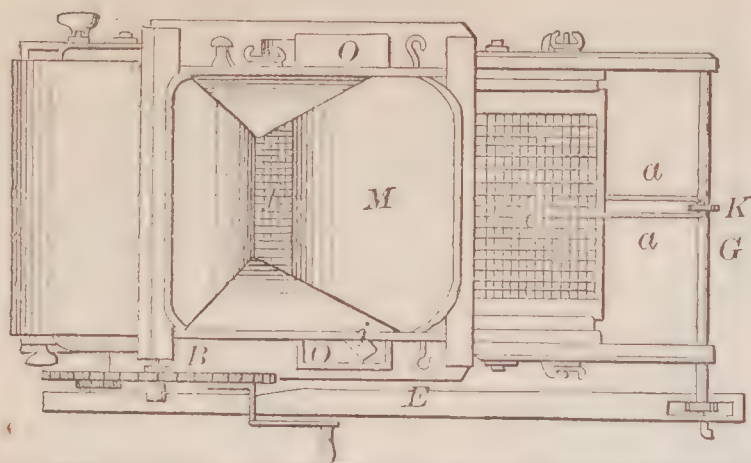
81278—G. W. King—Vagina Injector.



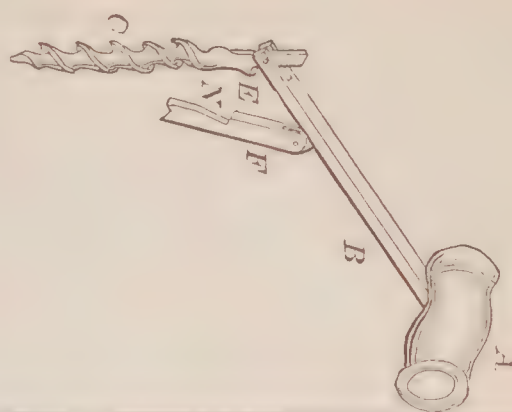


81282—D. Mareau—*Chair.*81284—Nulsen, Haneisen & Wagner—*Brick Machine.*81285—S. Patton—*Belt Tightener.*81286—J. A. Peabody—*Mortising Machine.*81283—J. Merlett—*Breech-Loading Fire Arm.*81287—Piland & Turner—*Stock Pump.*81288—J. F. Pool—*Grain Separator.*

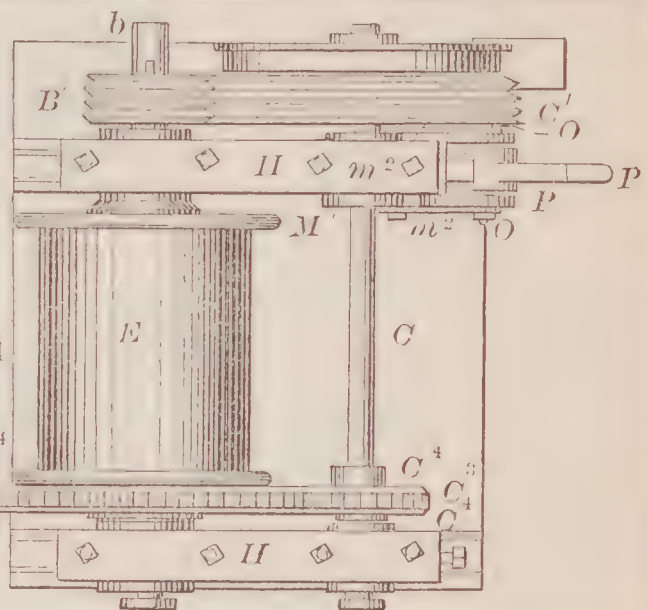
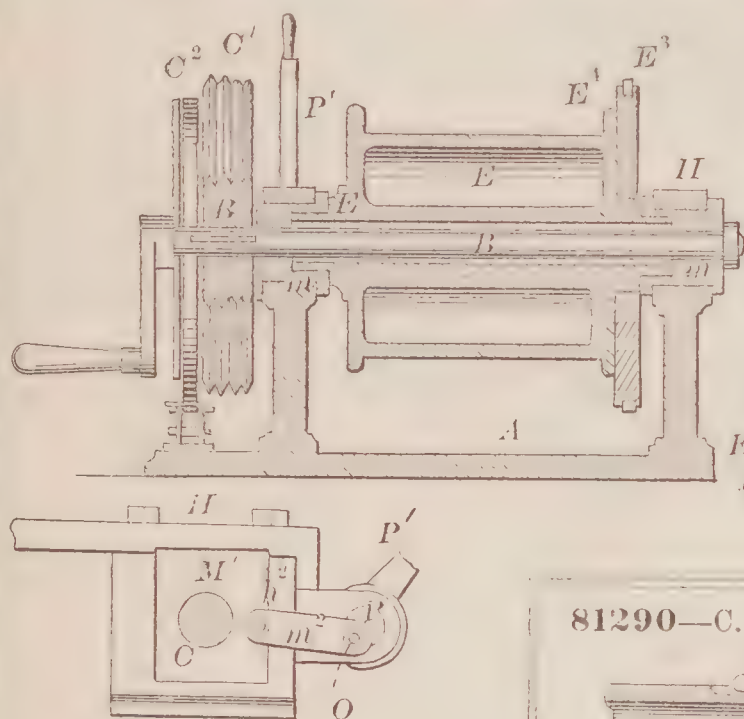
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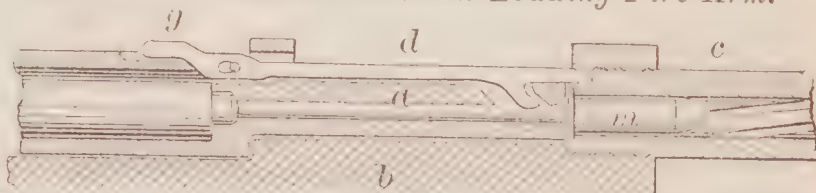
81292—C. L. Ridgway—Corkscrew.



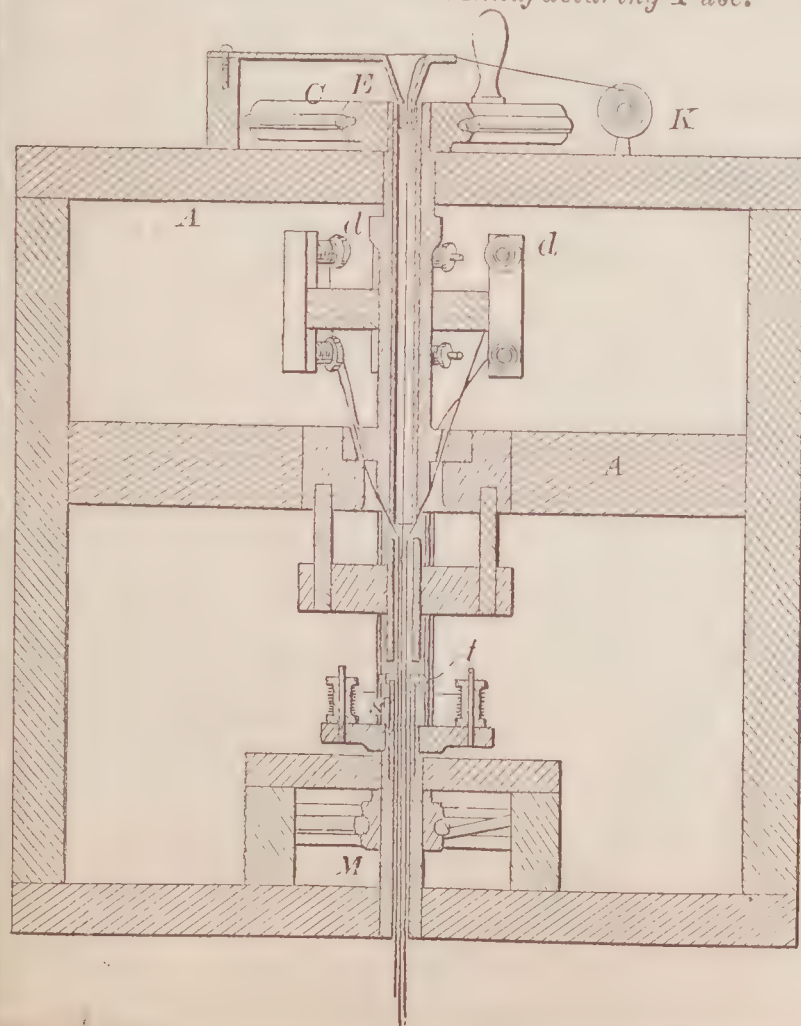
81289—G. H. Reynolds—Hoisting Machine.



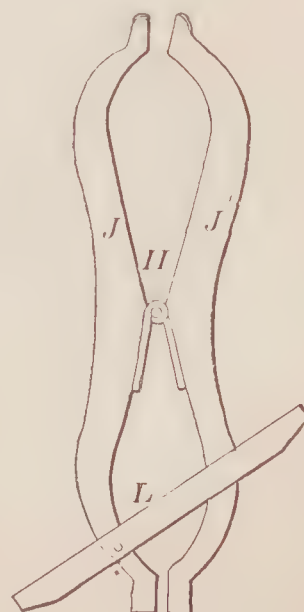
81290—C. B. Richards—Breech-Loading Fire Arm.



81291—T. Richards—For Manufacturing Fuse.

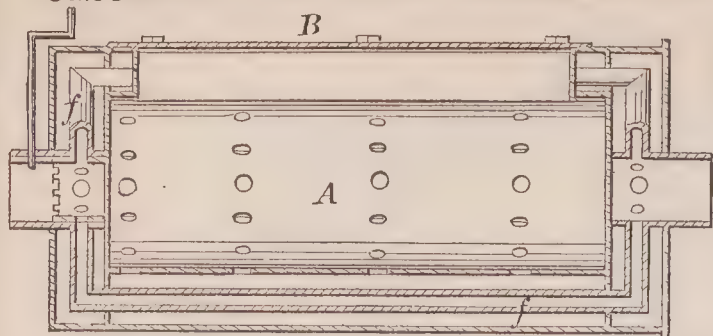


81293—A. Rittenhouse—Clamp for Holding Leather.

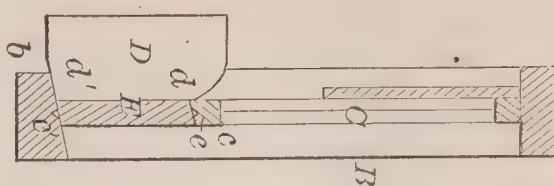




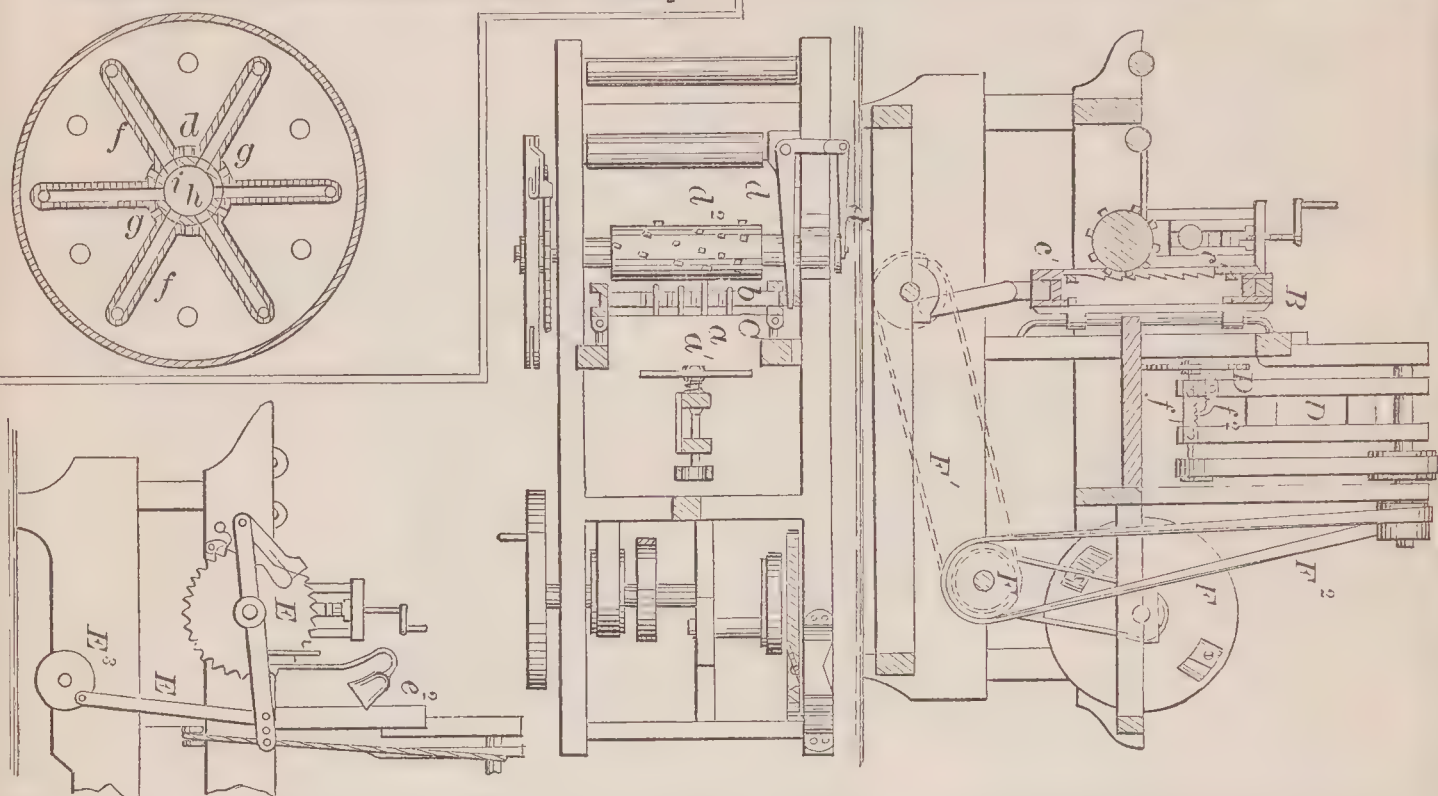
81294—H. H. Robbins—*Feather Renovator*.



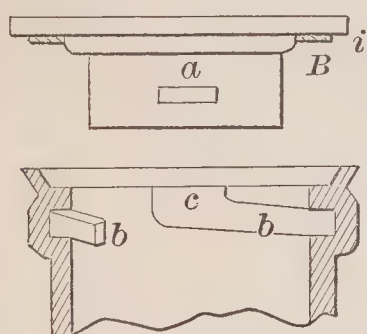
81297—Russell & Holmes—*Railroad Car Ventilator.*



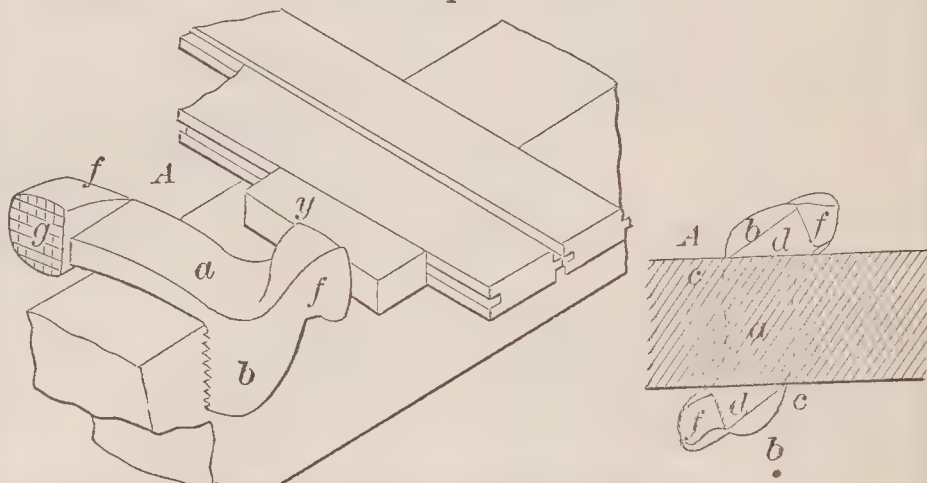
81295—L. C. Robinson—*Shingle Machine.*



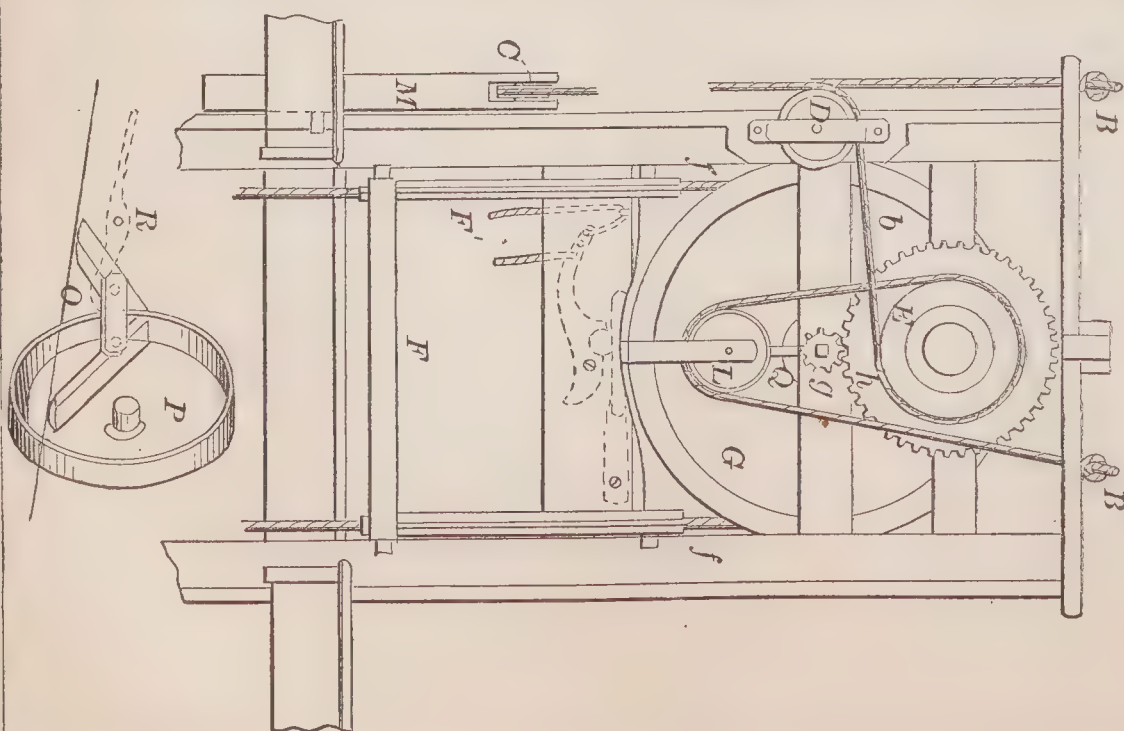
81296—Rohrbacher &  
Hormann—*Fruit Jar.*



81298—W. Sailer—*Clamp.*



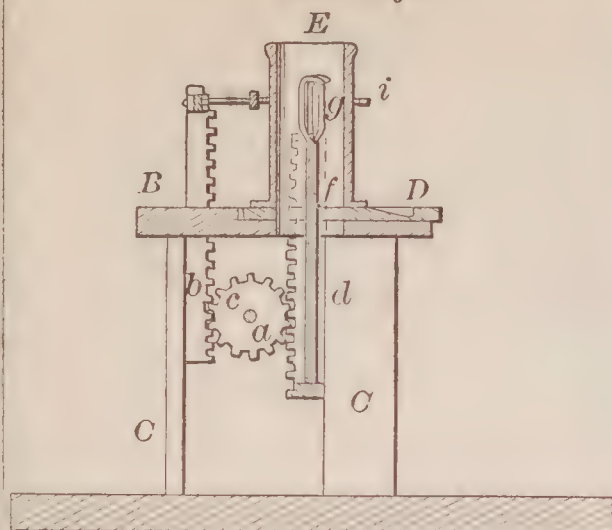
81299—(7. Scott—Elevator.



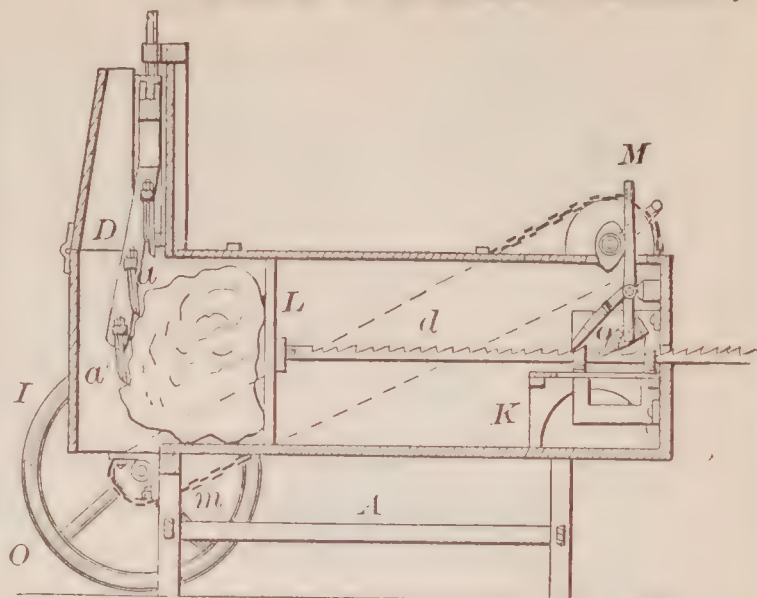
81300—T. S. Sedgwick—Button Fastener.



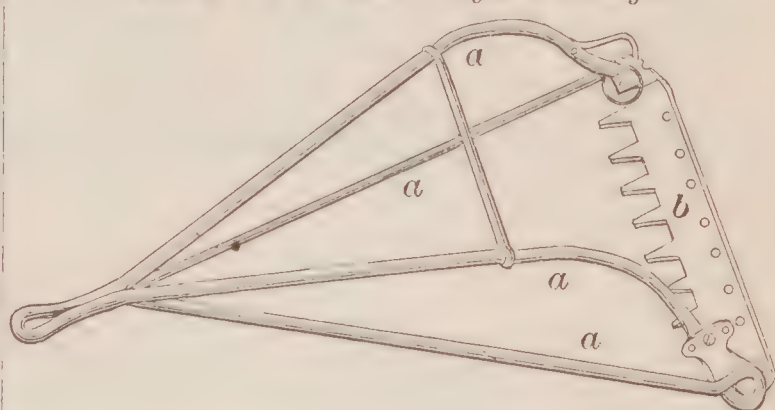
81301—J. Shearman—*For Turning Boot Legs.*



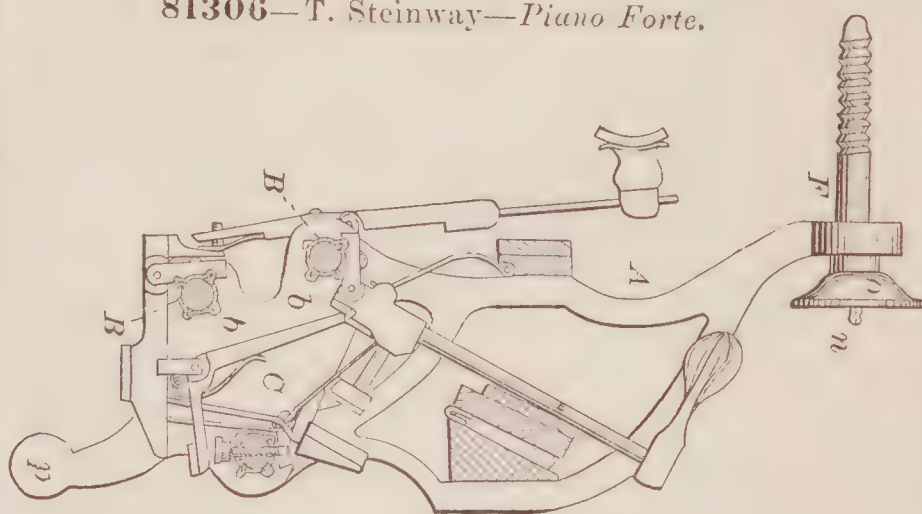
81303—F. G. Siemers—*Ice Cutter.*



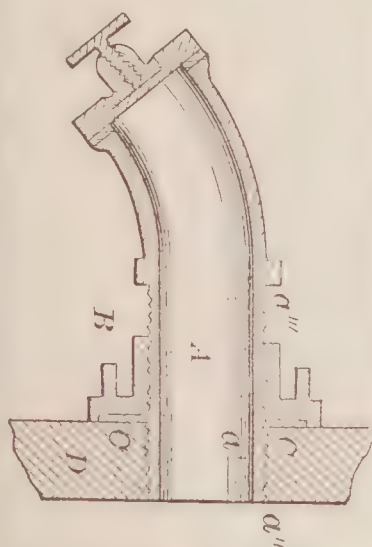
81304—T. P. Sink—*Oyster Dredge.*



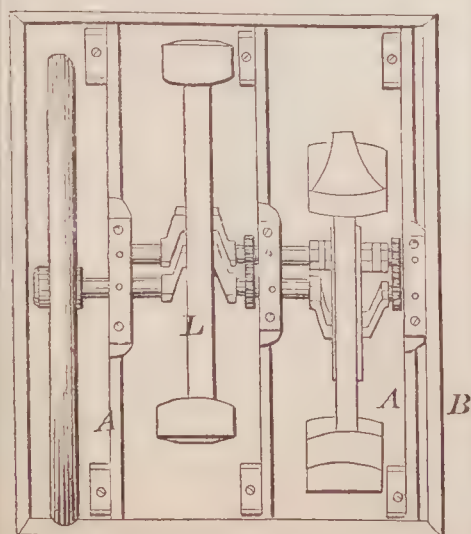
81306—T. Steinway—*Piano Forte.*



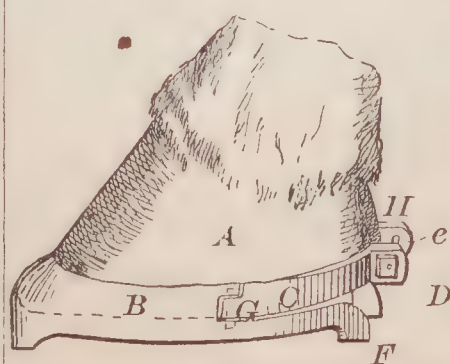
81305—D. P. Smith—*Faucet.*



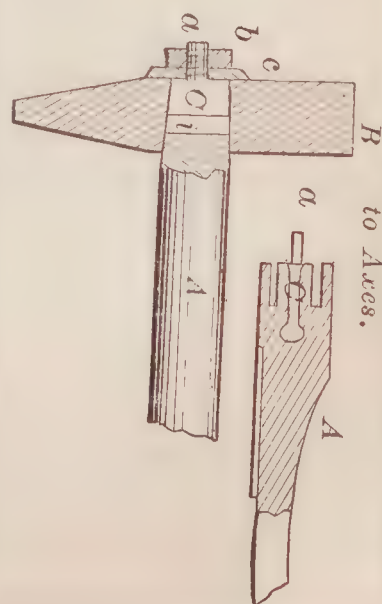
81302—R. Side—*For Obtaining Motive Power.*



81307—C. O. Stevens—*Horse Shoe.*

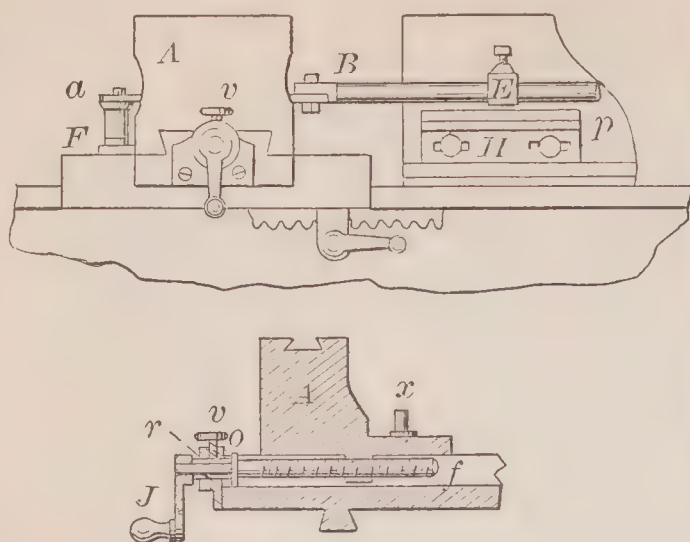


81308—J. Stewart—*Fastening Handles to Axes.*

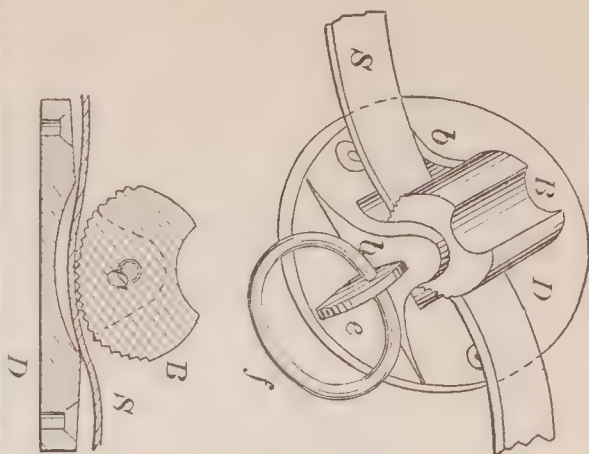




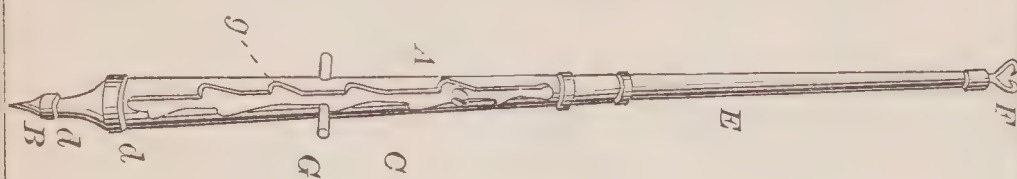
81309—S. Teal—*Engine Lathe.*



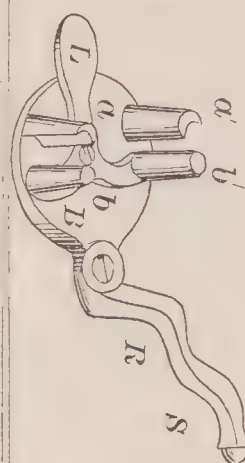
81311—J. Way—*Strap Holding Device.*



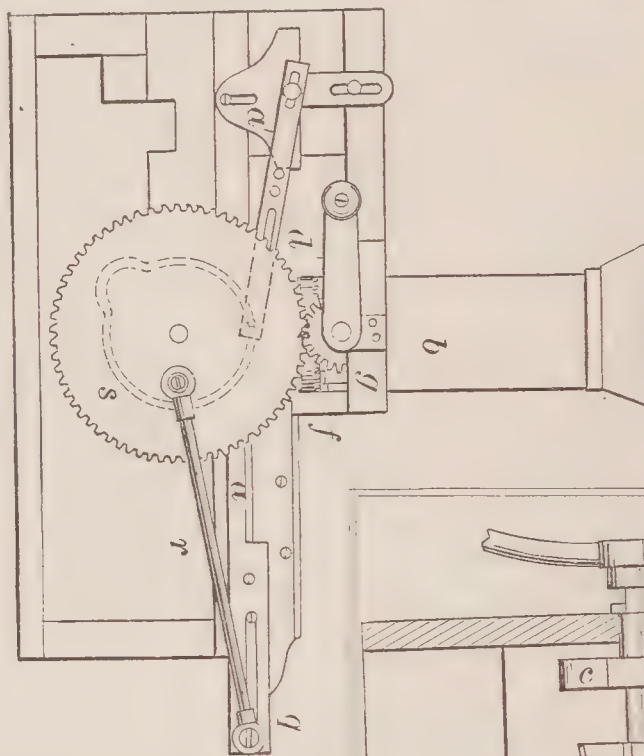
81310—Tilton & Swift—*Clothes Line Supporter.*



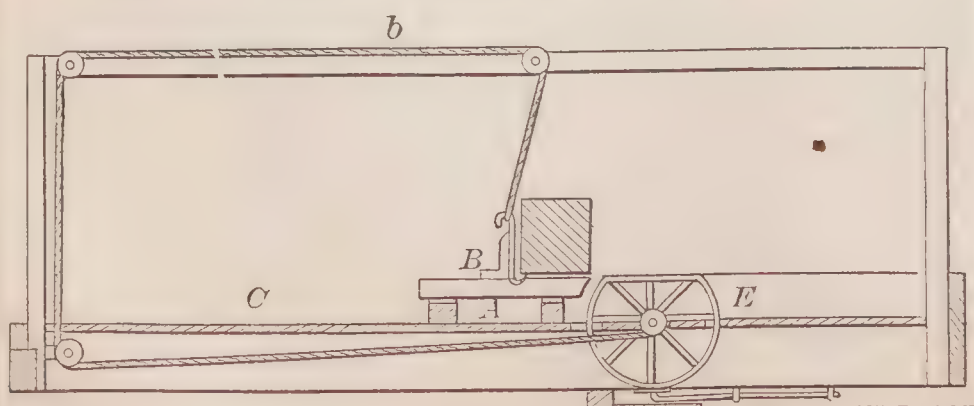
81312—T. Weaver—Clothes  
Hook and Line Holder.



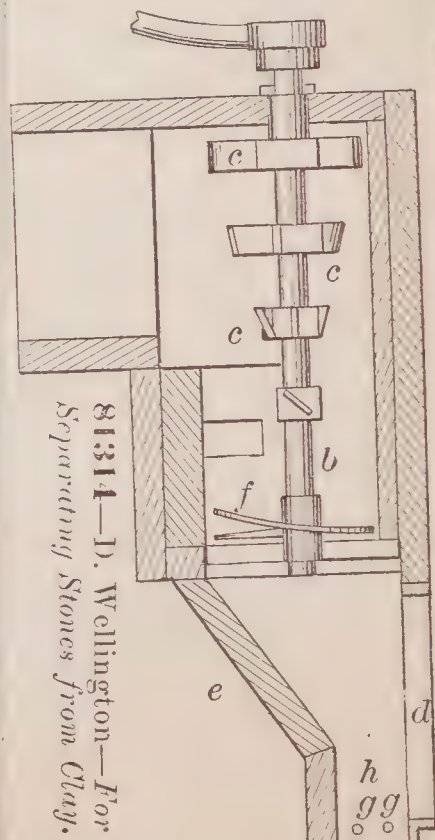
81313—D. Wellington—  
*Brick Machine.*



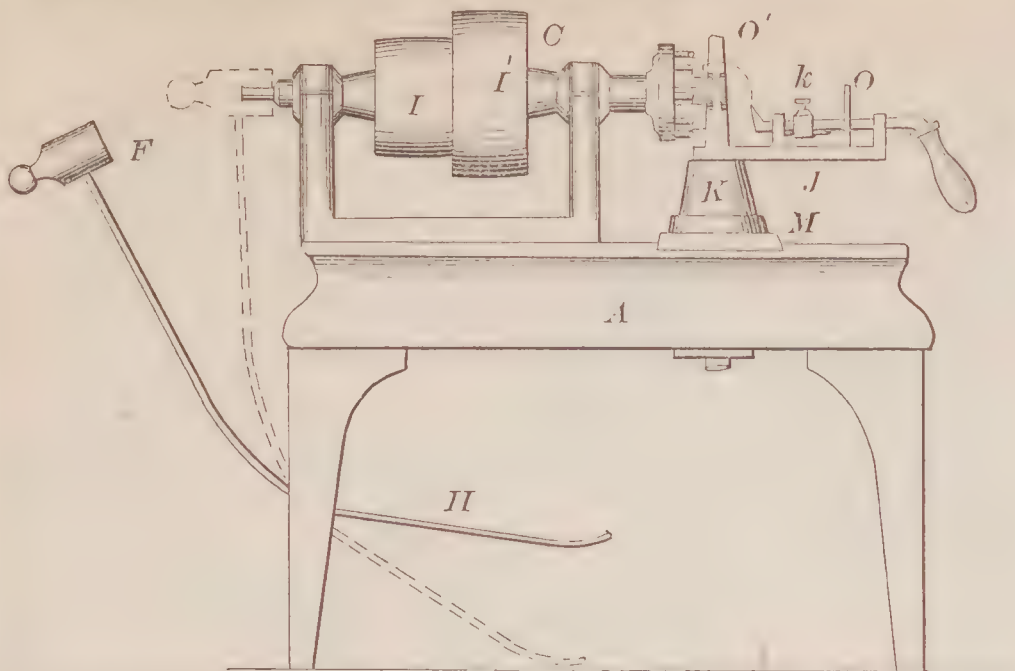
81316—G. Willett—*Turning Logs in Saw Mills.*



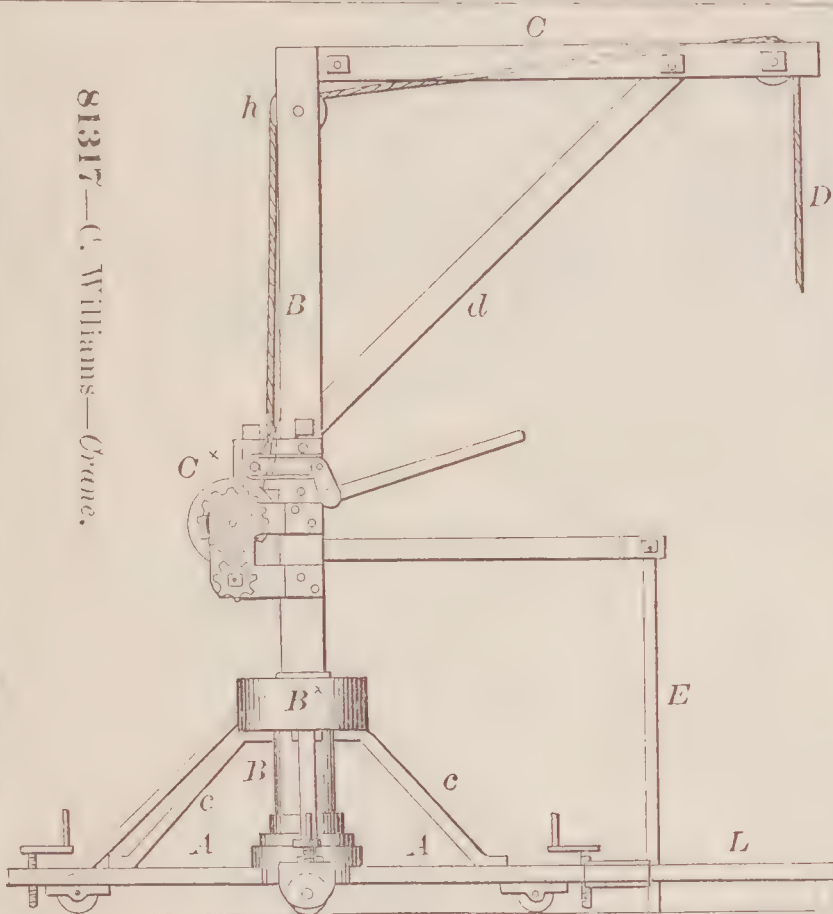
81314—J). Wellington—For  
Separating Stones from Clay.



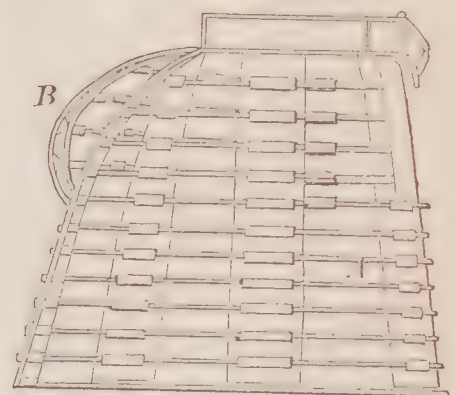
81315—J. B. West—*Lathe for Turning Balls.*



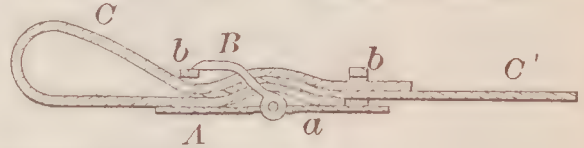
81317—C. Williams—*Crane.*



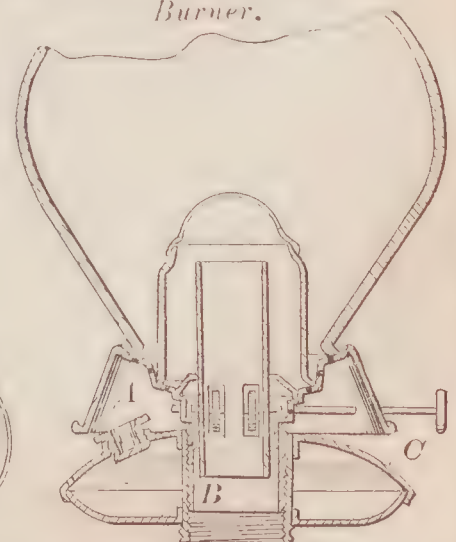
81319—A. K. Young—*Hoop Skirt and Bustle.*



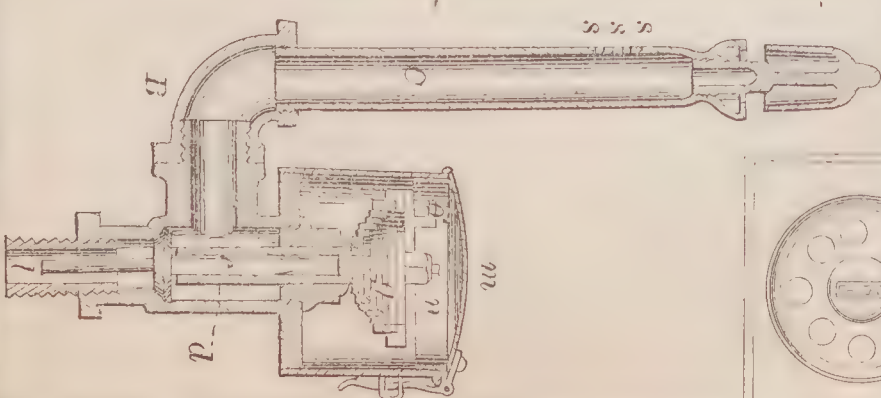
81318—H. C. Wissel—*Buckle.*



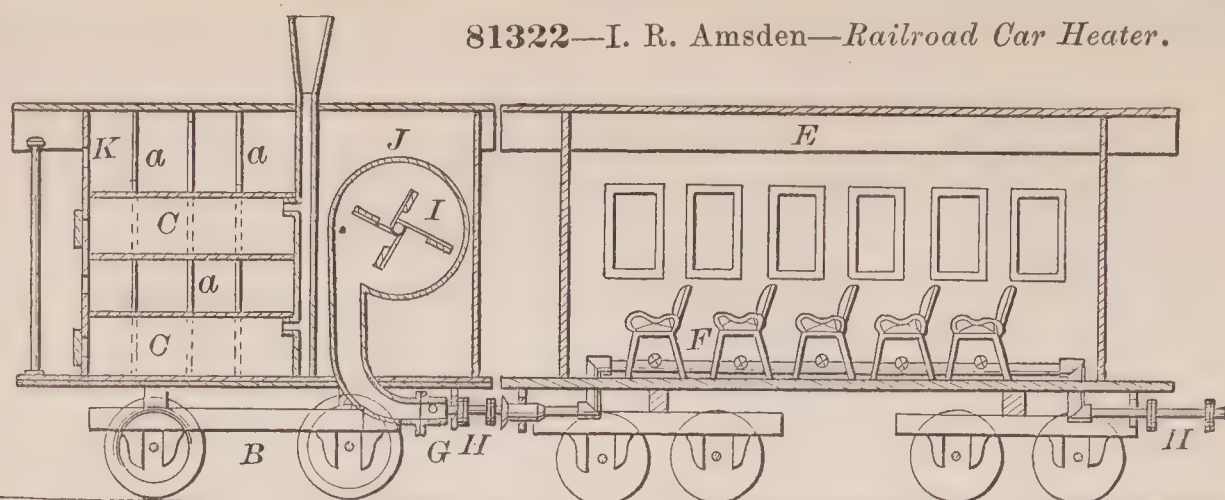
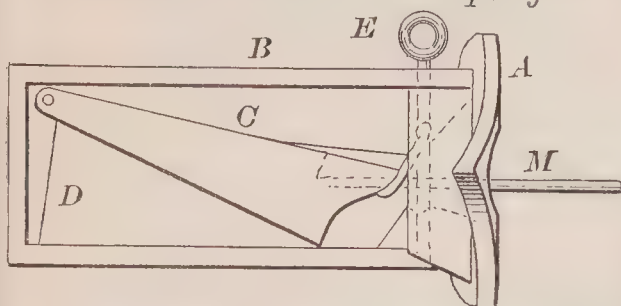
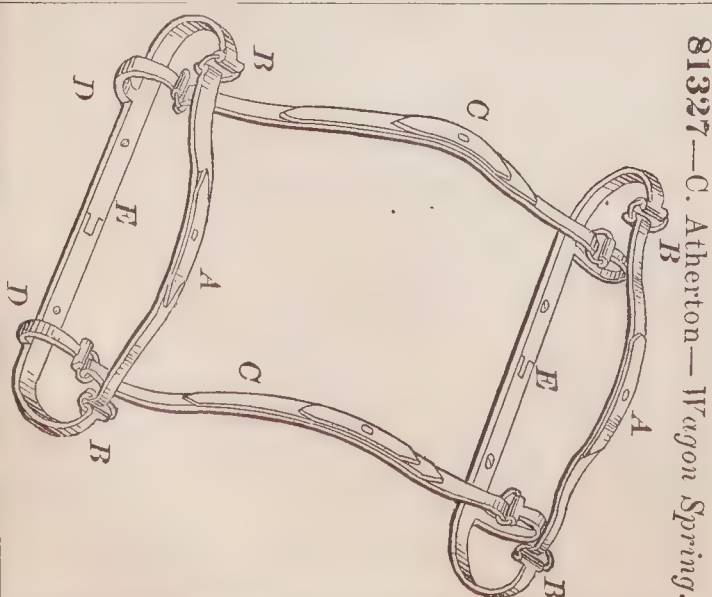
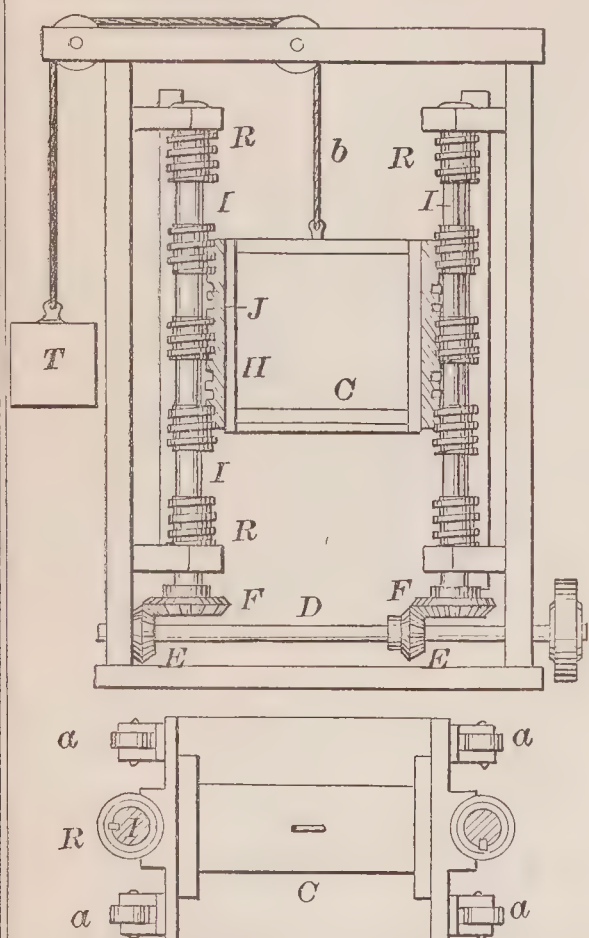
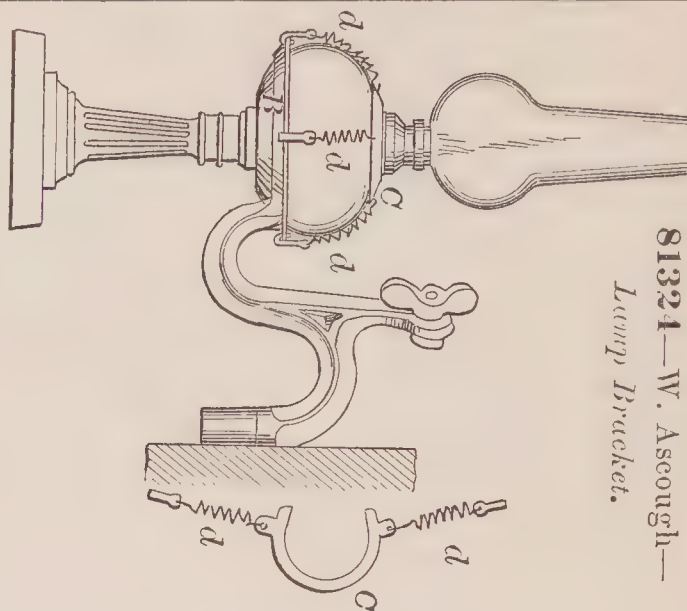
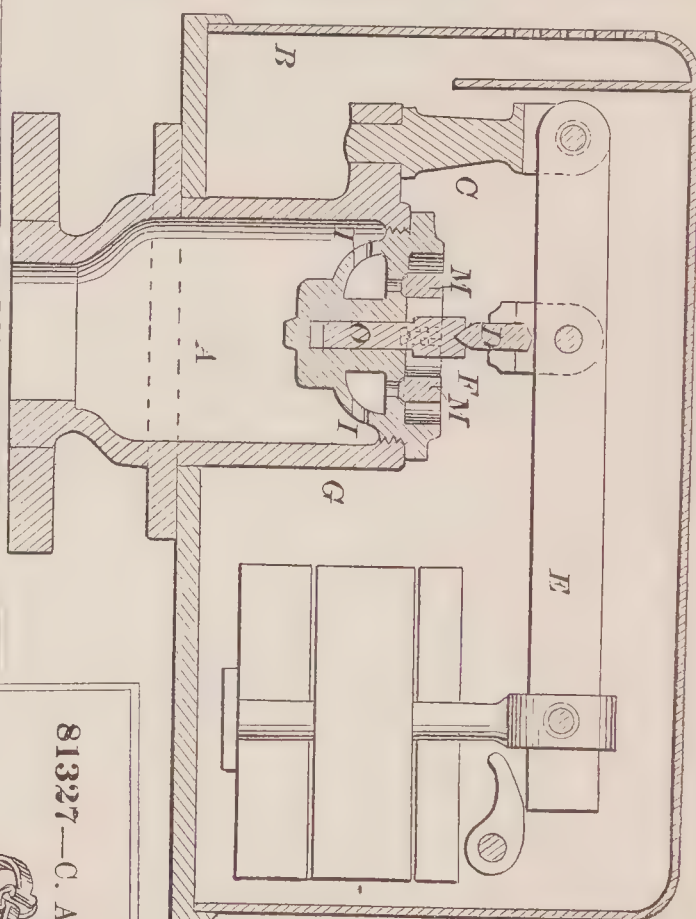
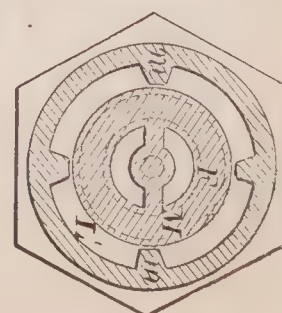
81321—J. Allen—*Lamp Burner.*



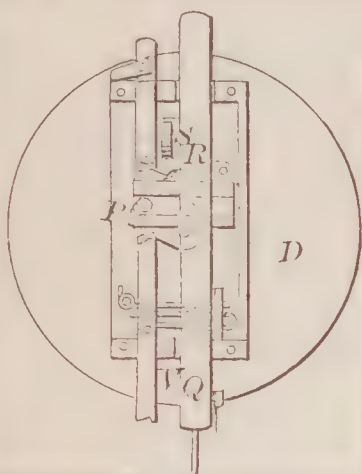
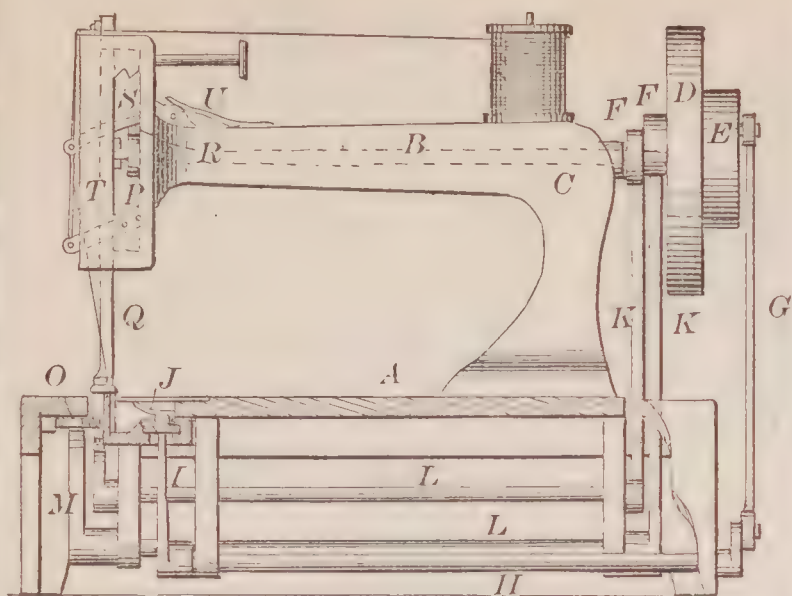
81320—E. G. Allen—*Steam Safety Valve.*



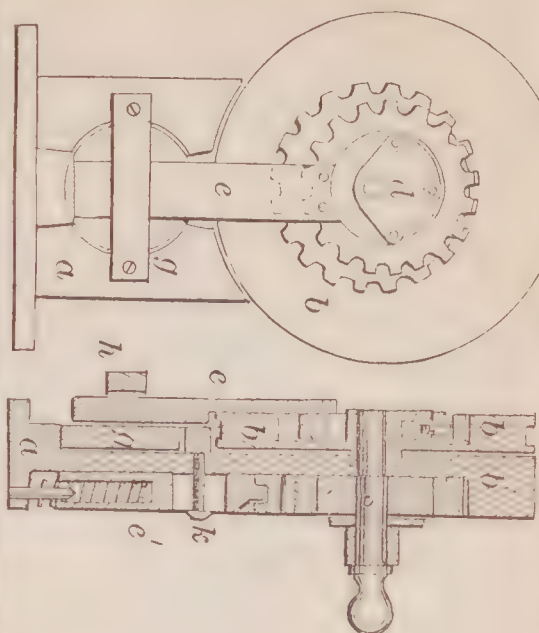


81322—I. R. Amsden—*Railroad Car Heater.*81323—T. Arndt—*Car Coupling.*81325—Asheroft & Brown—*Elevator.*81327—C. Atherton—*Wagon Spring.*81324—W. Ascough—*Lamp Bracket.*81326—J. Asheroft—*Steam Safety Valve.*

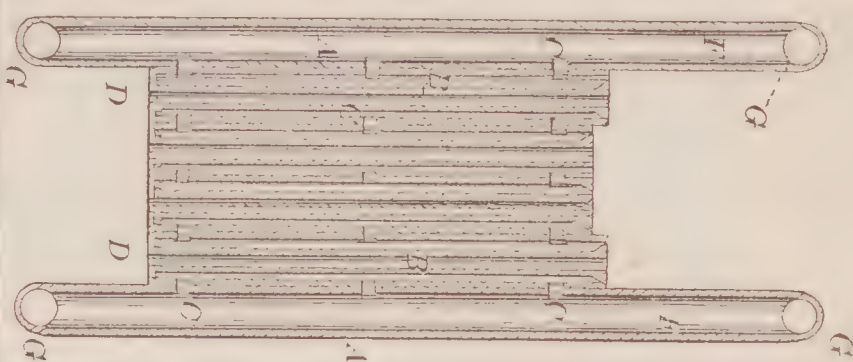
81328—R. Barclay—*Sewing Machine.*



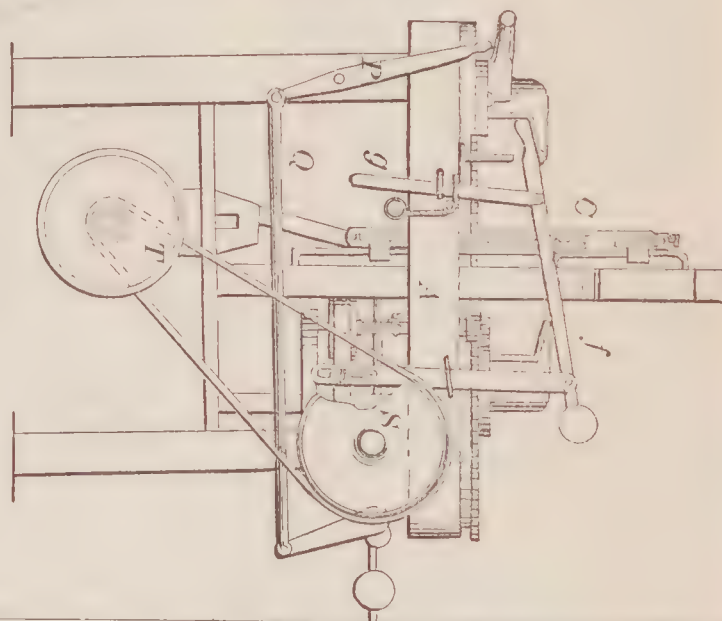
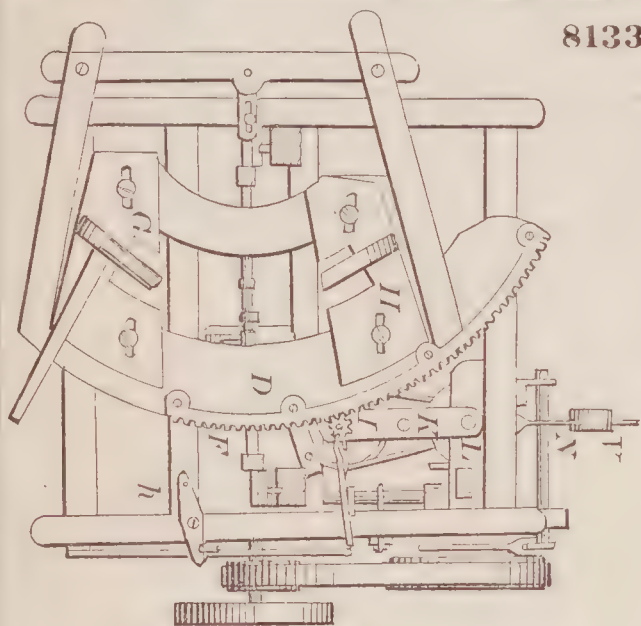
81329—J. S. Barden—*Mechanical Movement.*



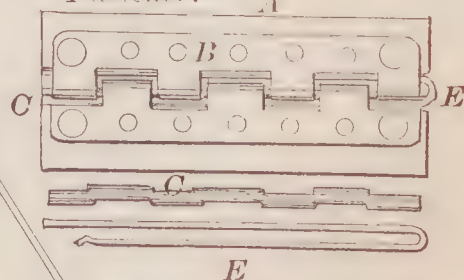
81330—C. Bean,  
Steam Generator.



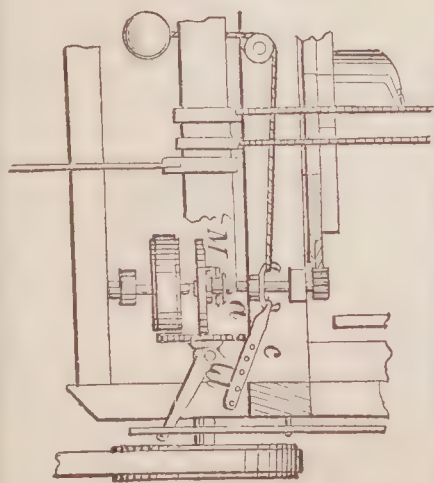
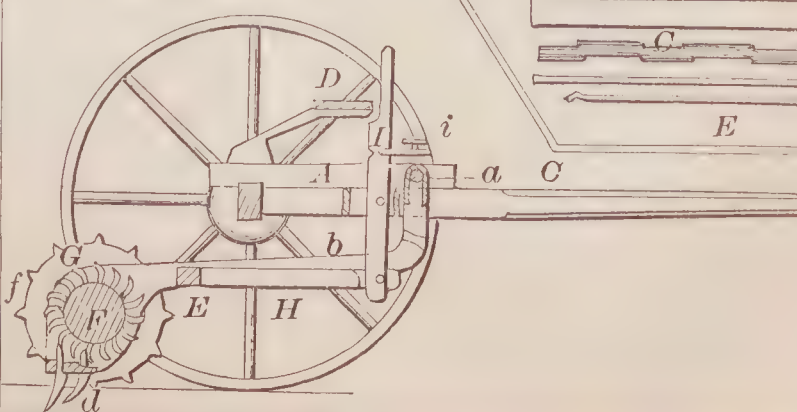
81332—P. S. Beidler—*Sewing Machine.*



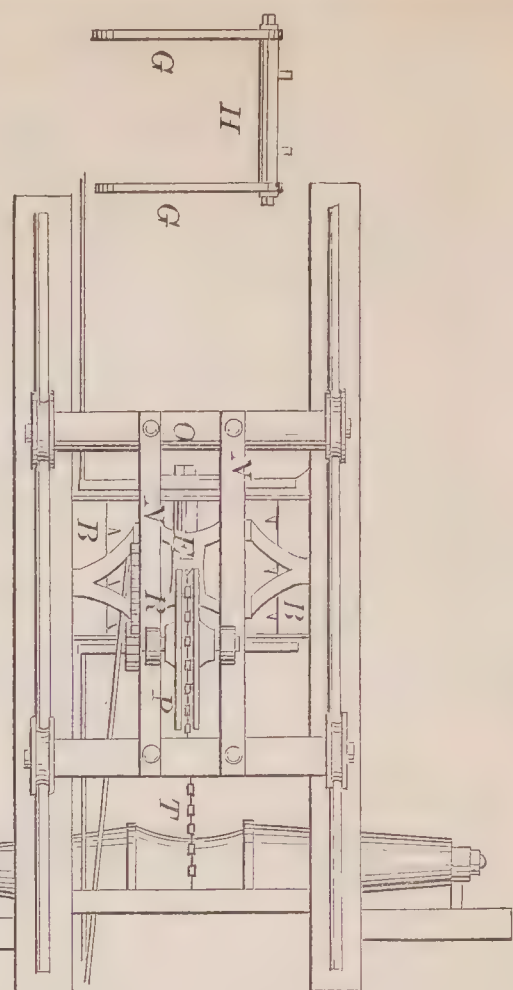
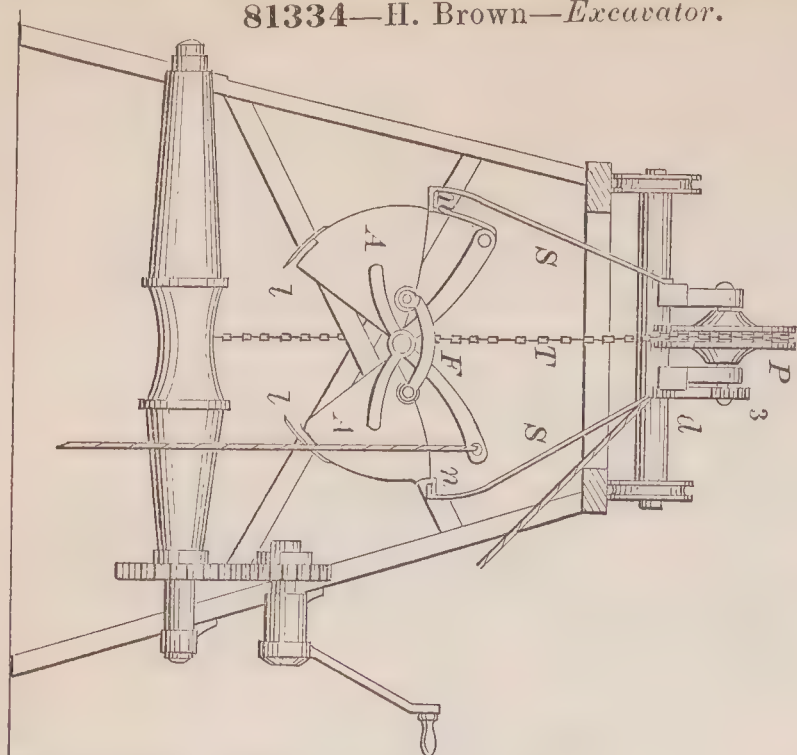
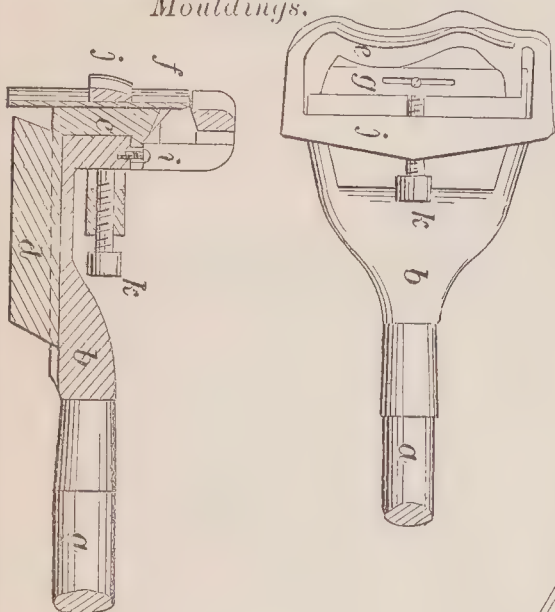
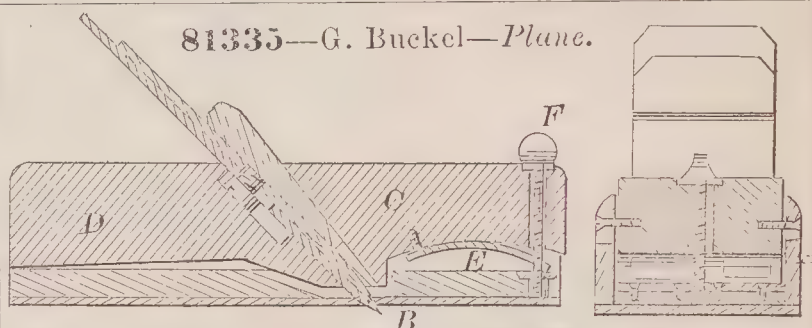
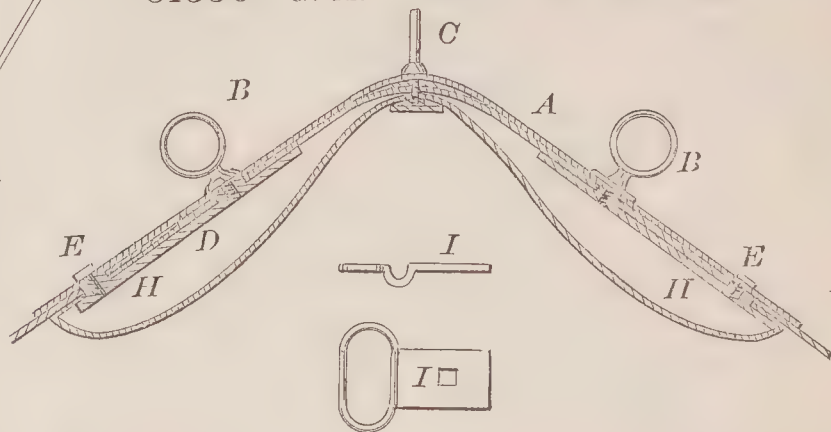
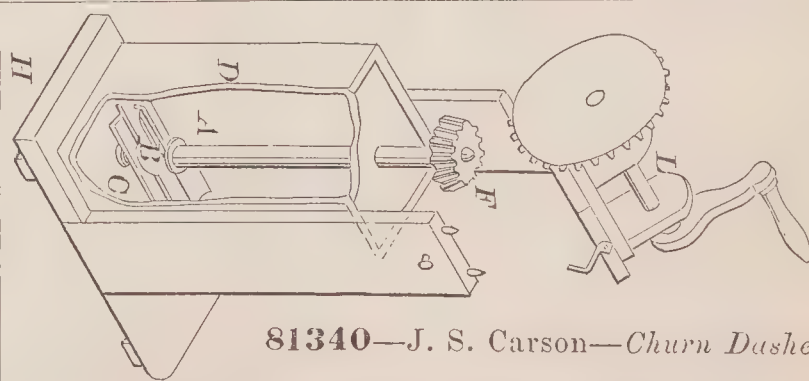
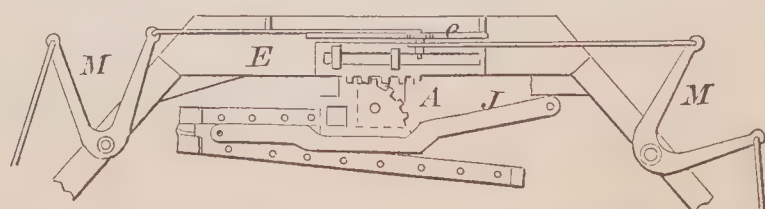
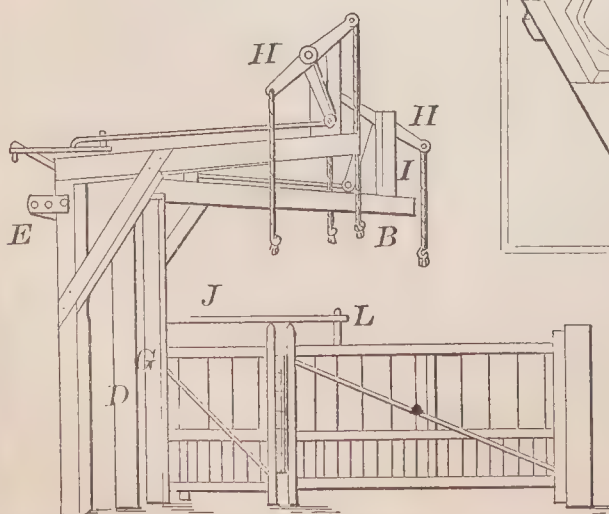
81331—G. M. Beardsley—*Belt Fastener.*



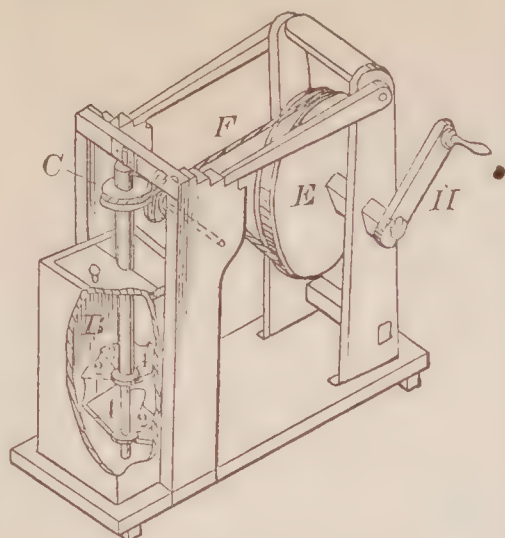
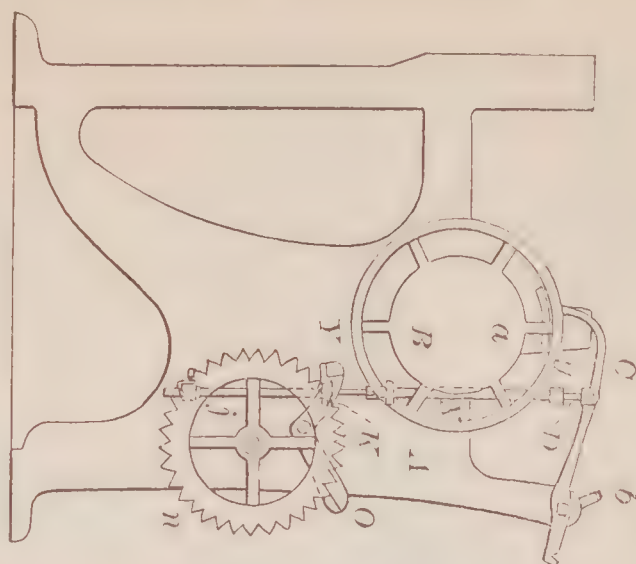
**81333**—C. Berninger—  
*Soil Pulverizer.*



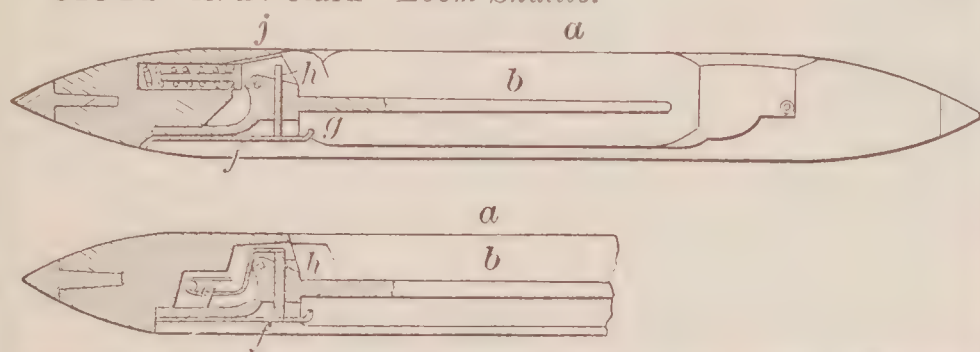


81334—H. Brown—*Excavator.*81338—W. W. Carey—*For Turning Mouldings.*81335—G. Buckel—*Plane.*81336—G. H. Buckius—*Harness Saddle.*81339—E. M. Carrington—*Self-Cementing Band.*81340—J. S. Carson—*Churn Dasher.*81337—A. L. Butler—*Farm Gate.*

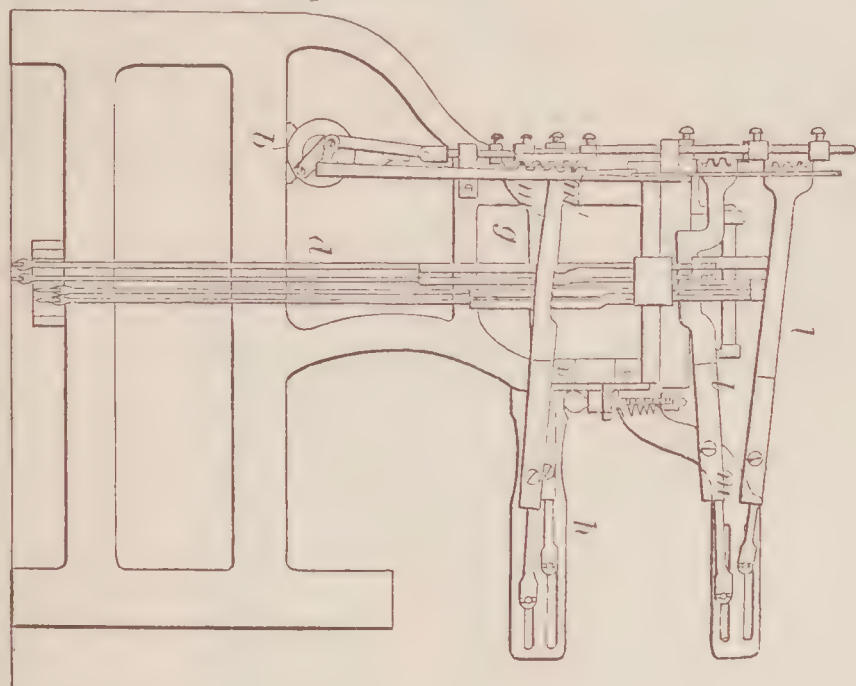
81341—J. S. Carson—*Churn.*

81342—B. F. Carter—*Let-off Mechanism for Looms.*

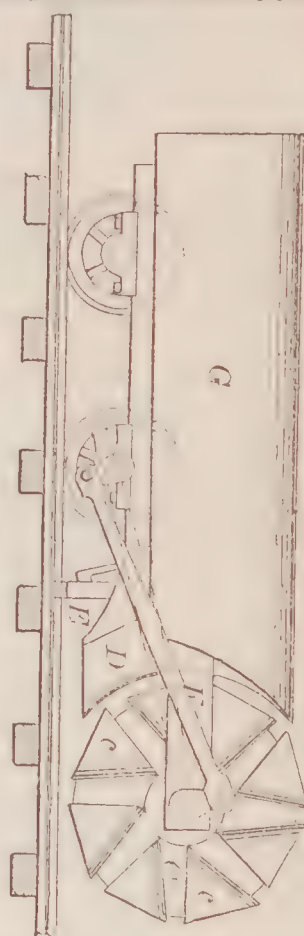
81344—A. D. Clark—*Loom Shuttle.*



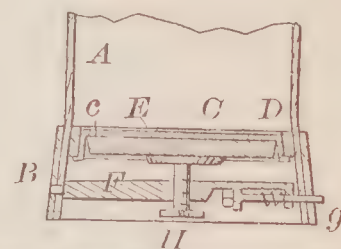
81347—G. Crompton—*Loom.*



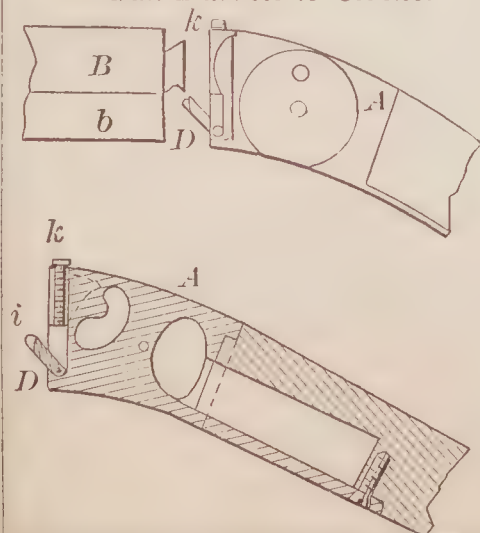
81343—R. D. Chatterton—Snow Clever



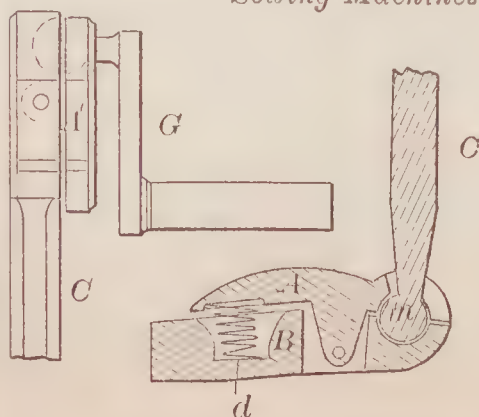
81345—A. P. Cook—  
*Milk Can.*



81348—N. R. Davis—*Attaching  
Gun Barrels to Stocks.*

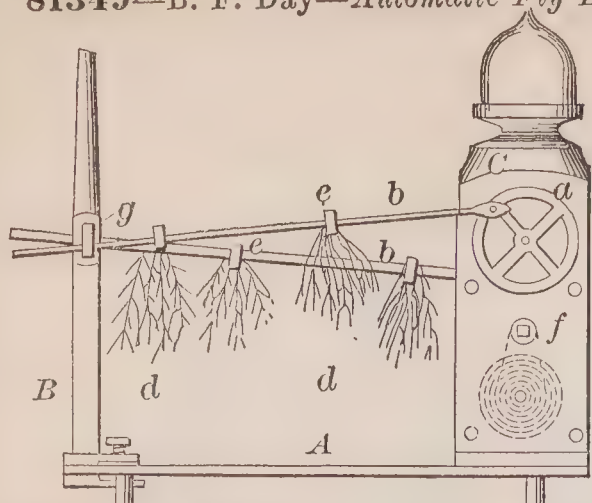


81346—J. Crandell—*Treadle Attachment for Sewing Machines.*

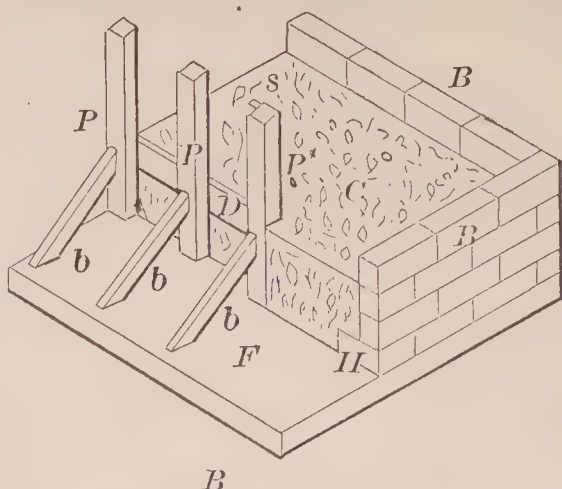




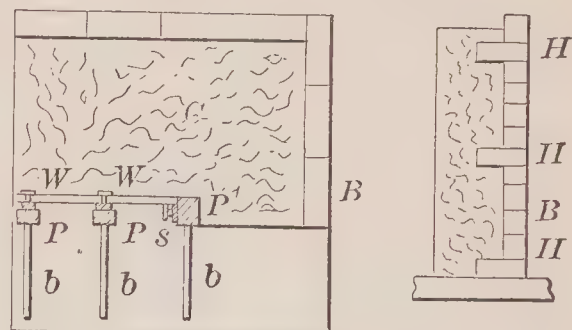
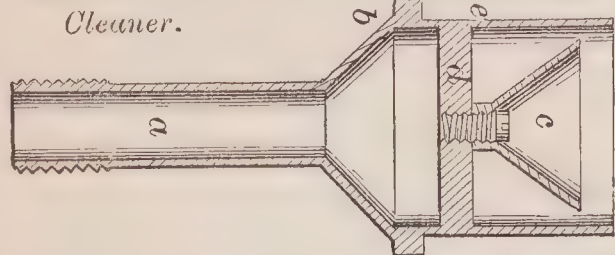
81349—B. F. Day—Automatic Fly Brush.



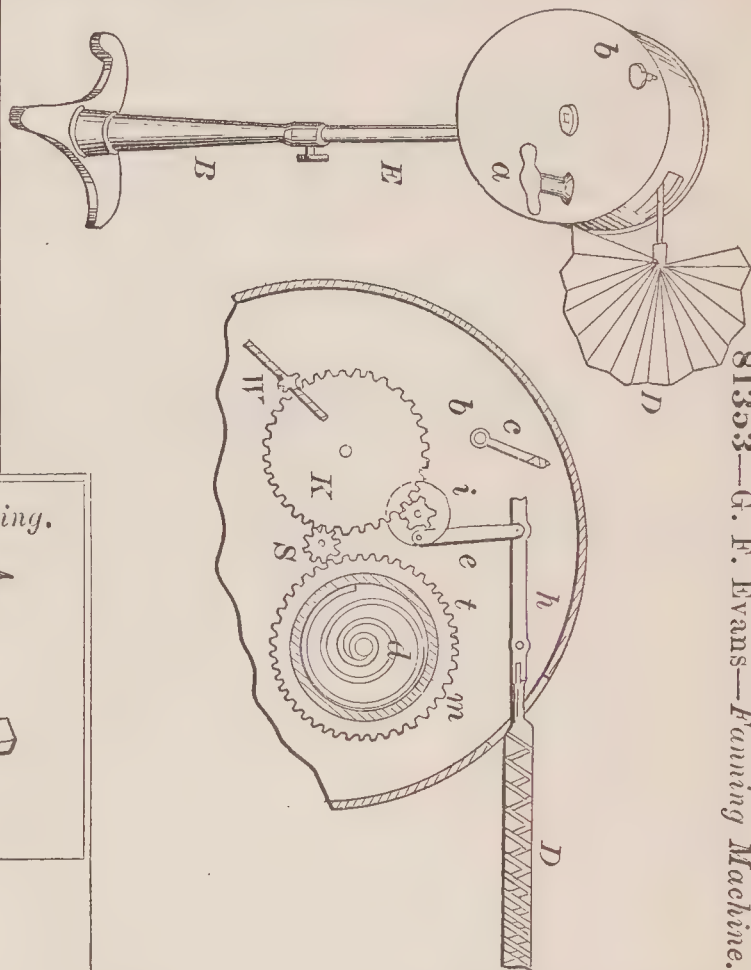
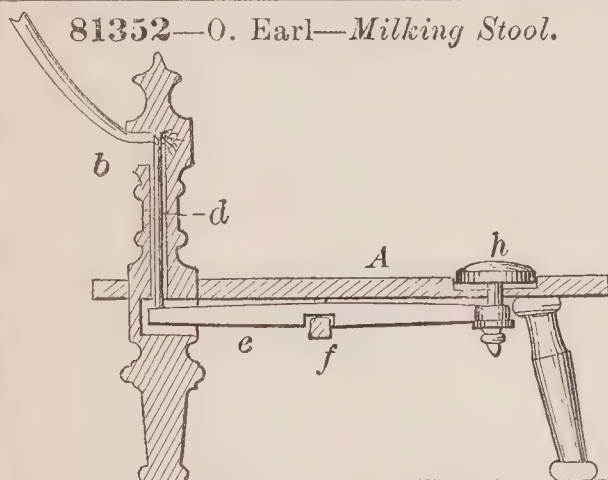
81350—J. M. Deitz—Brick Wall.



81351—G. R. Dobbins—Boiler Flue Cleaner.

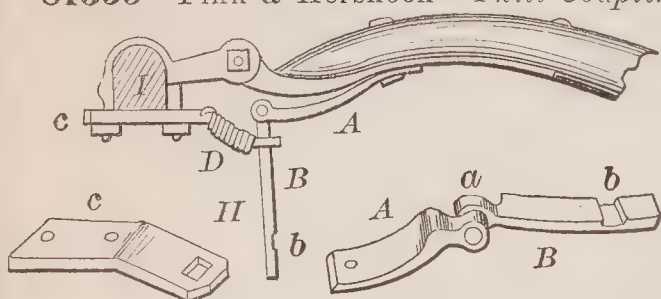


81352—O. Earl—Milking Stool.

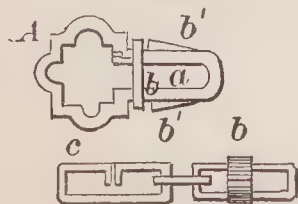


81353—G. F. Evans—Fanning Machine.

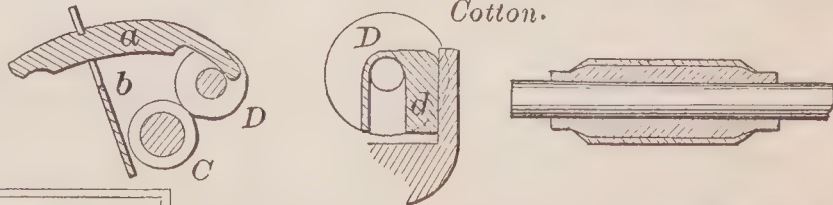
81355—Fink &amp; Herschok—Thill Coupling.



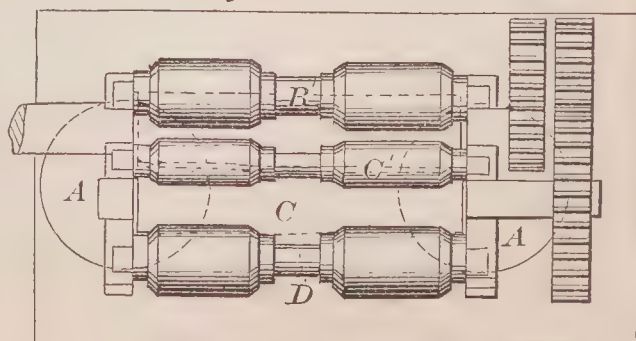
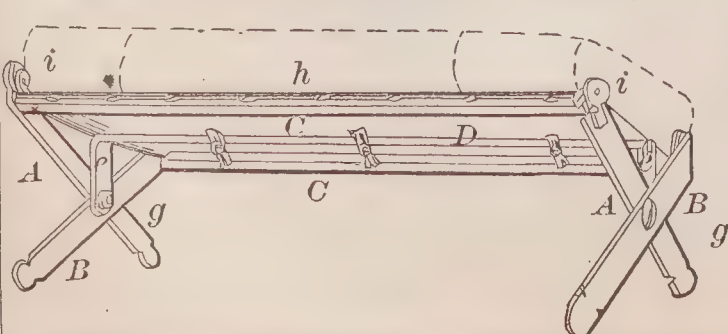
81354—C. Faas—Watch Chain Hook.



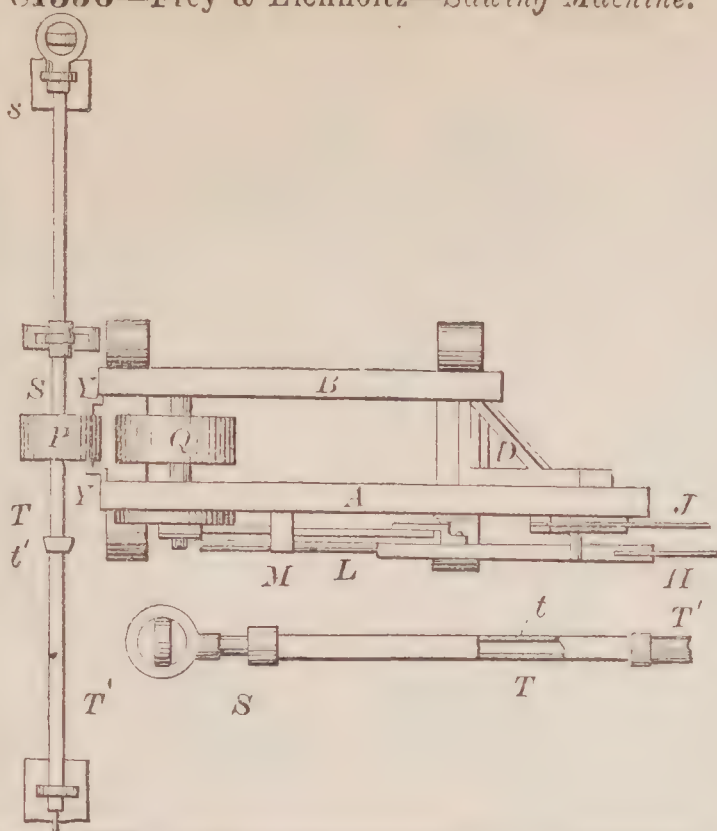
81357—J. B. Fuller—For Drawing and Spinning Cotton.



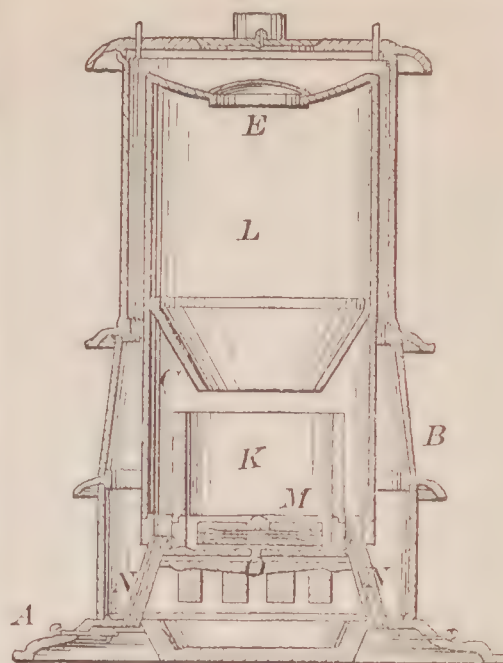
81358—E. K. Garretson—Bed Bottom.



81356—Frey & Eichholtz—*Sawing Machine.*



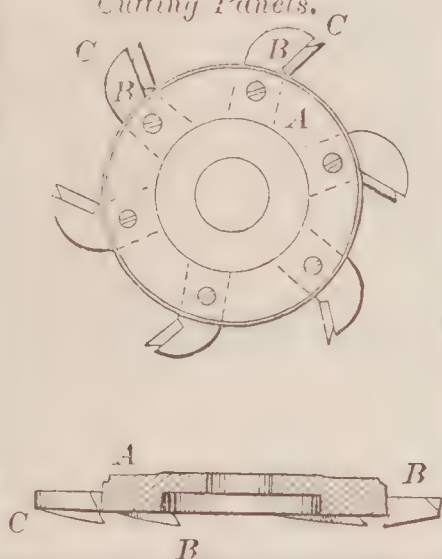
81360—I. II. Glidersleeve—*Store.*



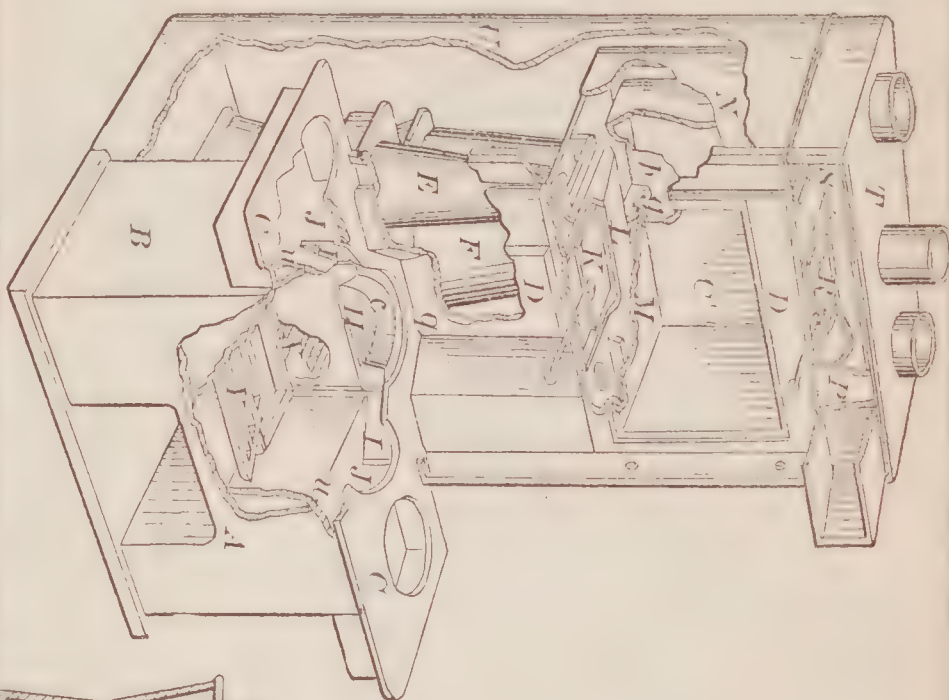
81359—W. A. Gensch—*Lamp Wick.*



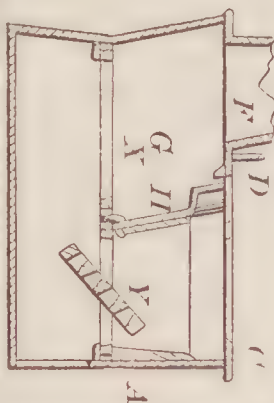
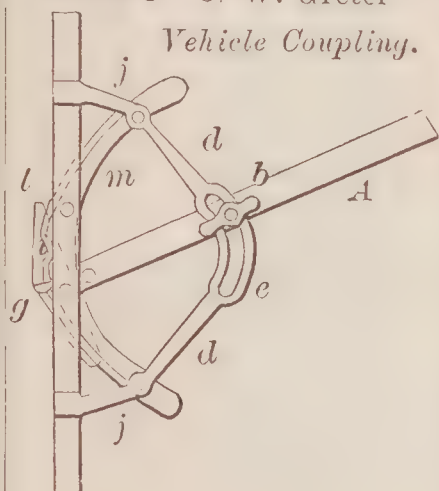
81361—F. D. Green—*For Cutting Panels.*



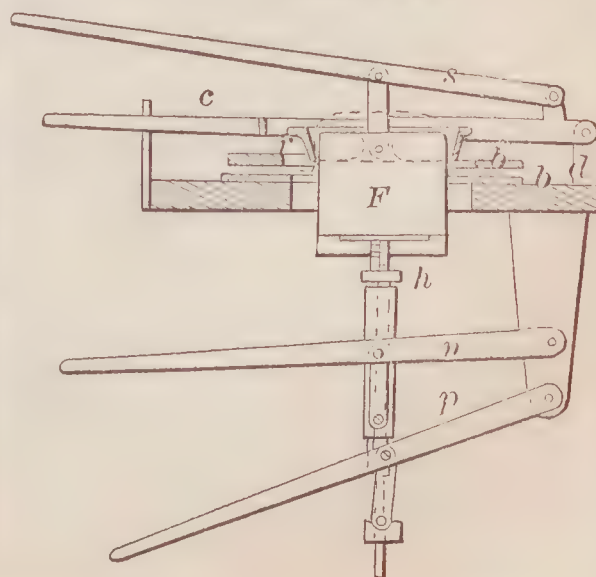
81362—W. A. Greene—*Heater Range.*



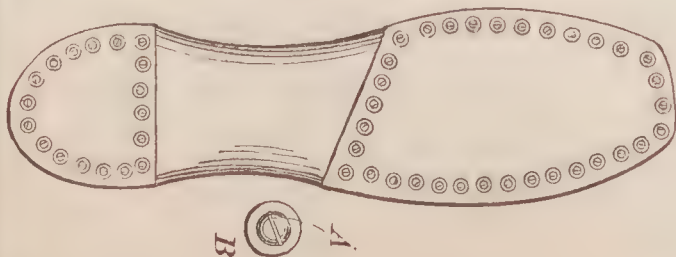
81363—C. W. Greter—  
Vehicle Coupling.



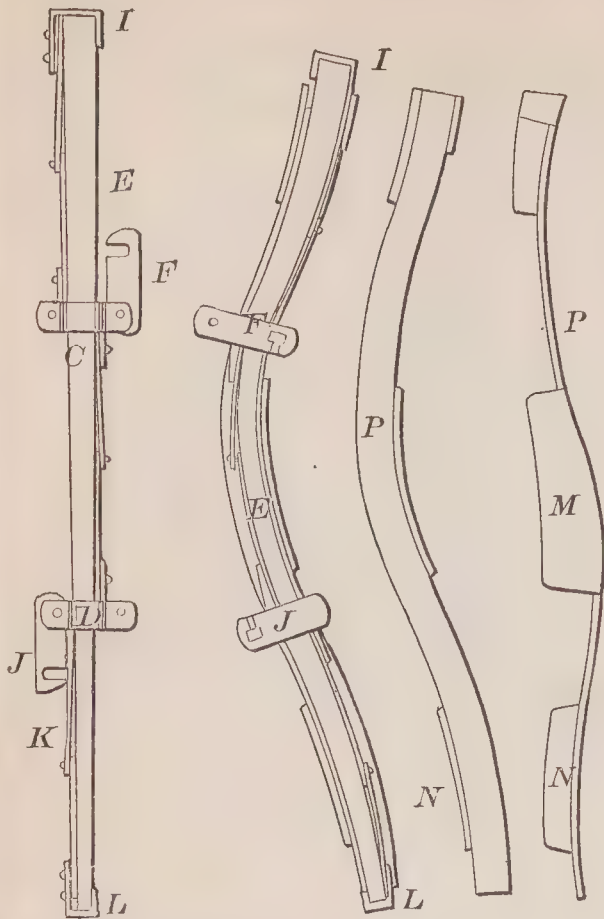
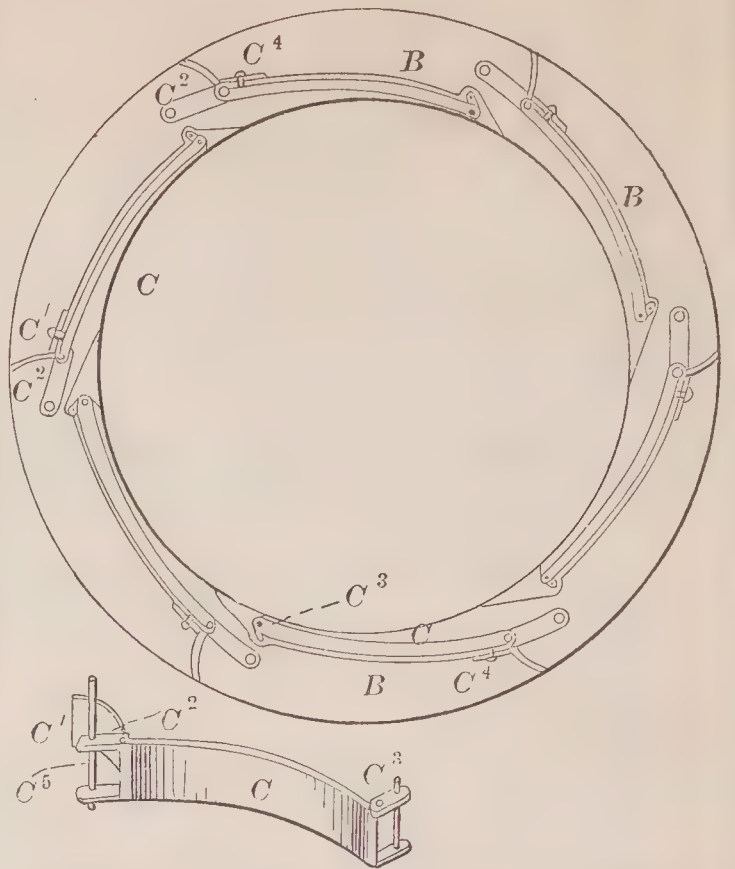
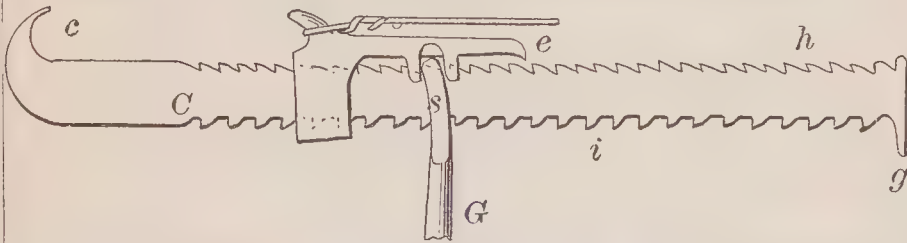
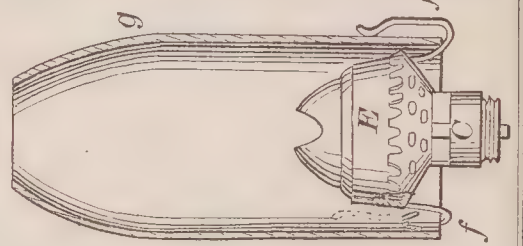
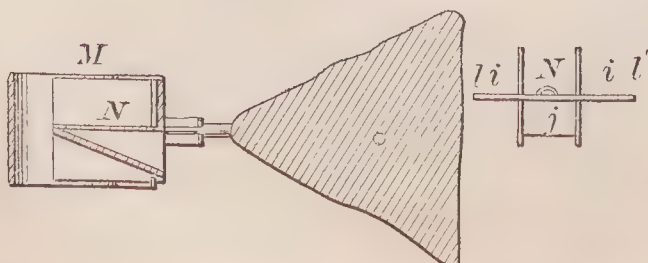
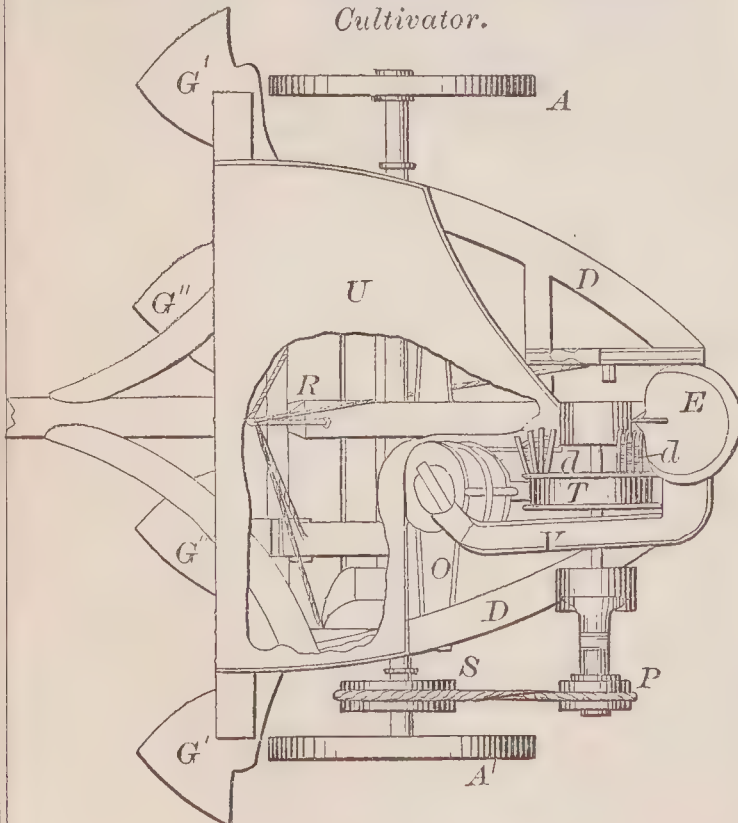
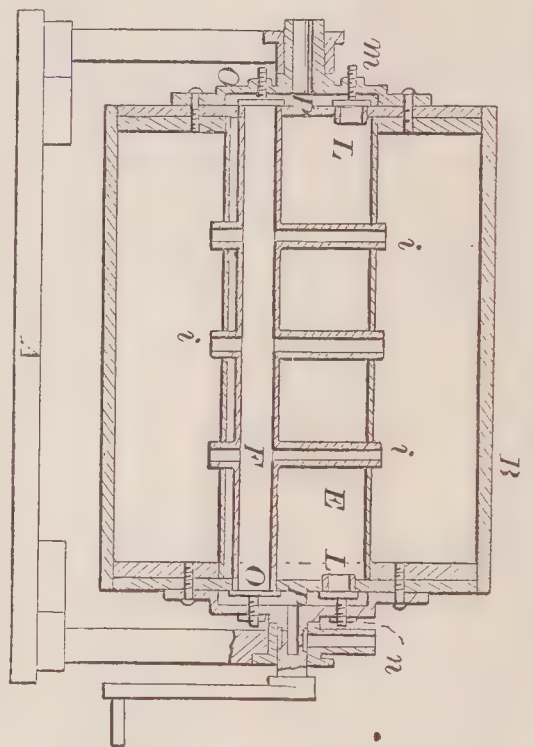
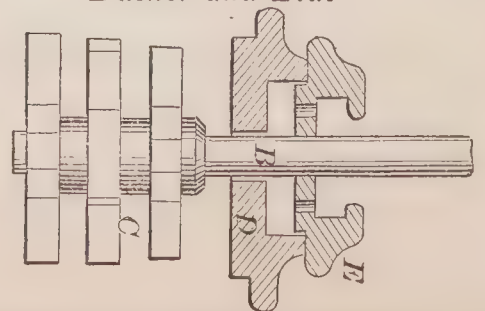
81364—Griswold, Pelisse & Hook—  
*For Blocking Hats.*



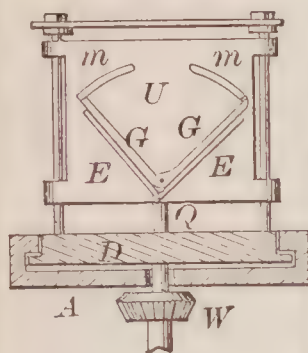
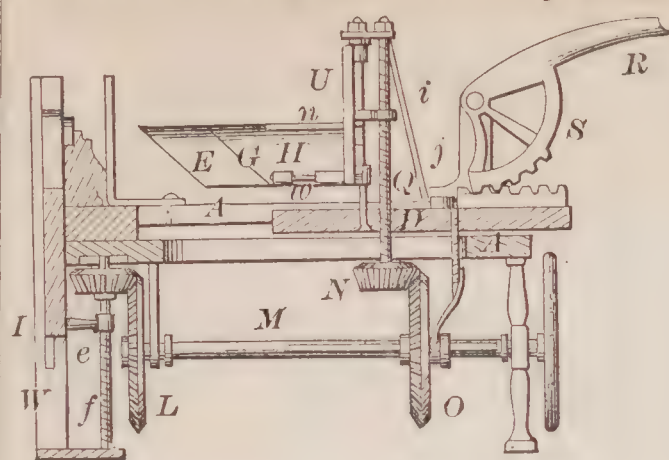
81366—F. M. Hawks—*Attaching Soles to Boots and Shoes.*



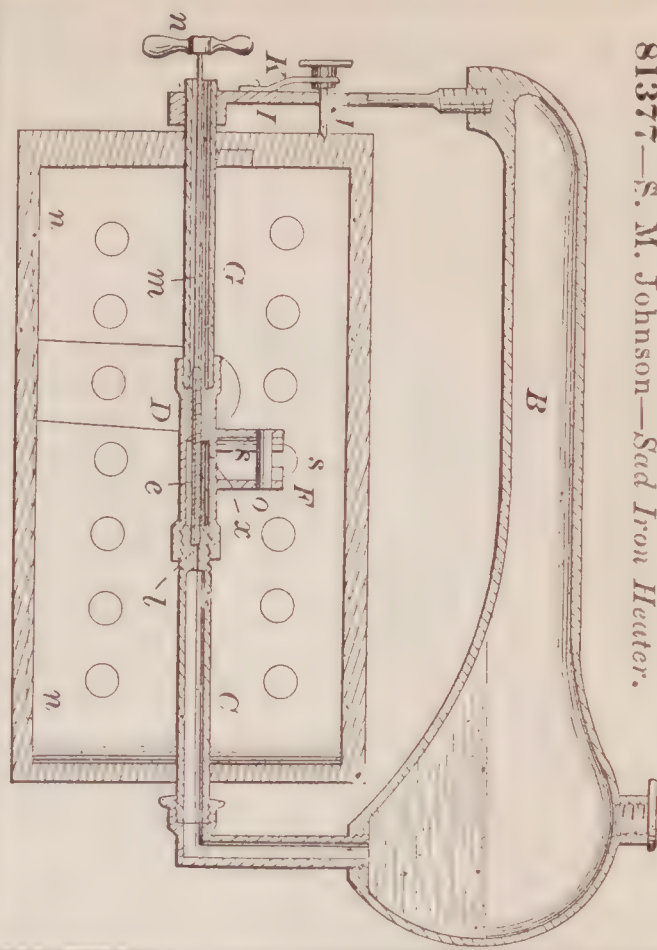
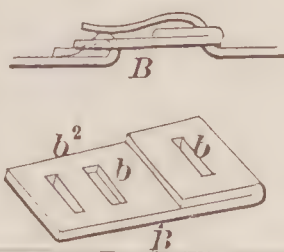


81365—J. S. Hall—*For Bending Wood.*81368—J. L. Helmer—*Water Wheel Gate.*81367—W. B. Hayden—*Wire Stretcher for Fences.*81370—J. E. Hendricks—*Lamp.*81371—C. F. Hoffman—*Potato Planter and Cultivator.*81369—C. E. Hendrick—*Feather Renovator.*81372—S. P. Hopkins—*Churn Dasher and Lid.*

81373—F. A. Howard—*Mitering Machine.*

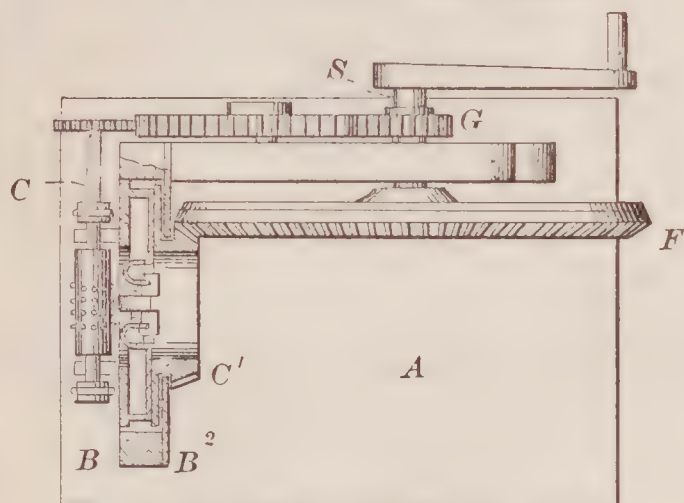


81374—W. M. Irvine—*Bale Fastening.*

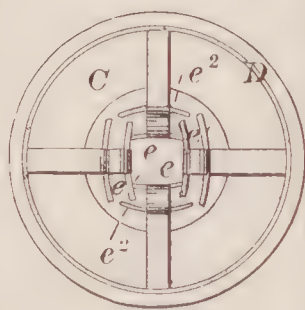
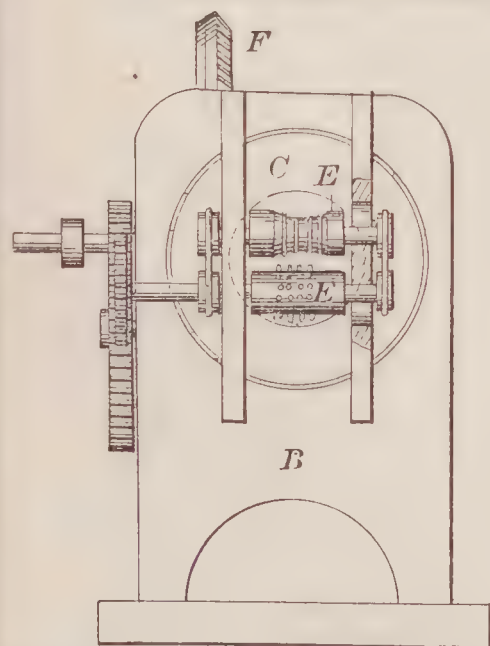
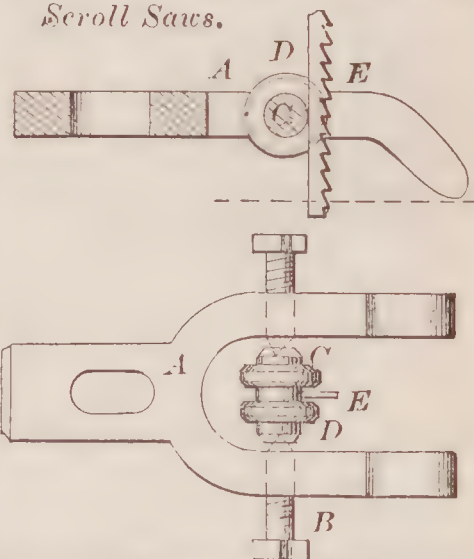


81377—S. M. Johnson—*Sad Iron Heater.*

81375—G. F. Johnson—*Corn Sheller.*

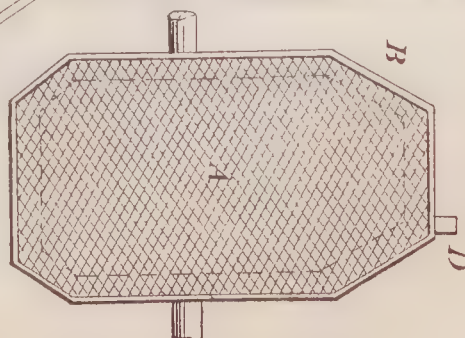
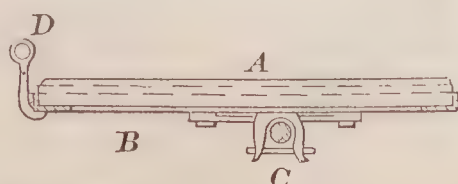


81376—L. A. Johnson—*Guide for Scroll Saws.*



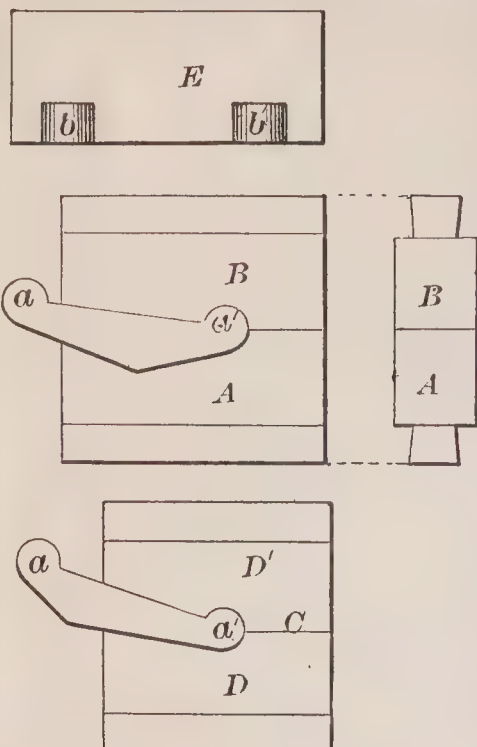
81378—J. L. Joyce—*Button Boot.*

81379—C. Kihn—*Sewing Machine Treadle*

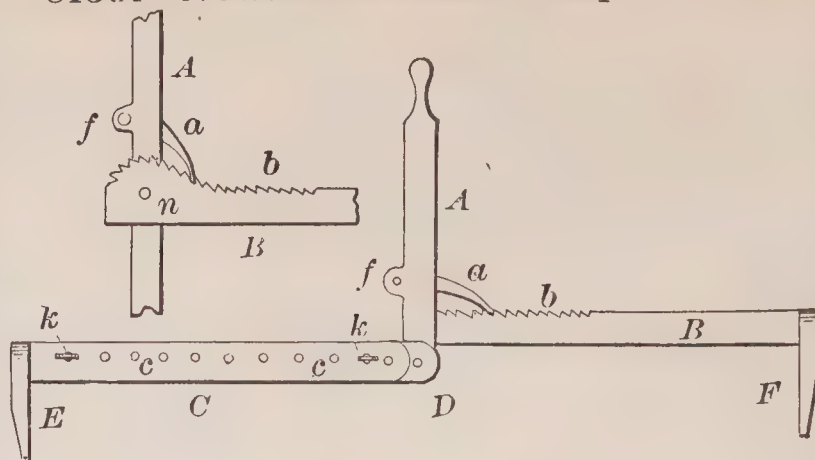




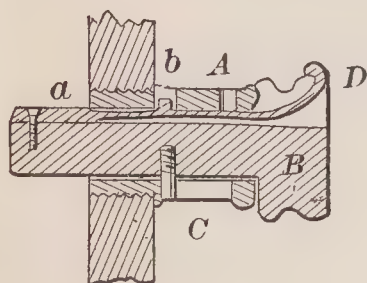
81380—J. Kritch—*Die for Clevis Blanks.*



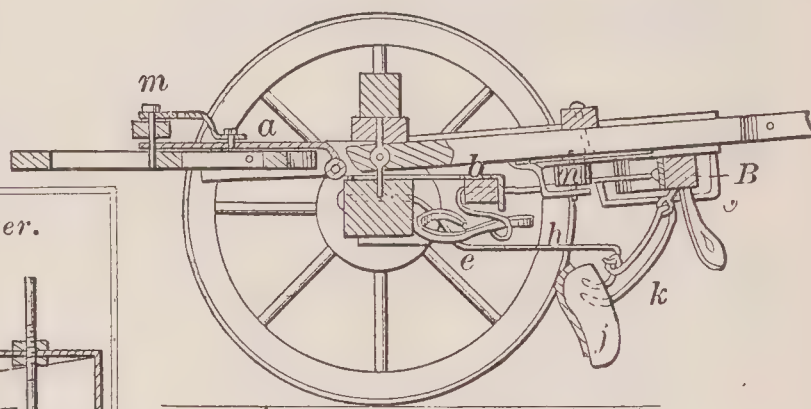
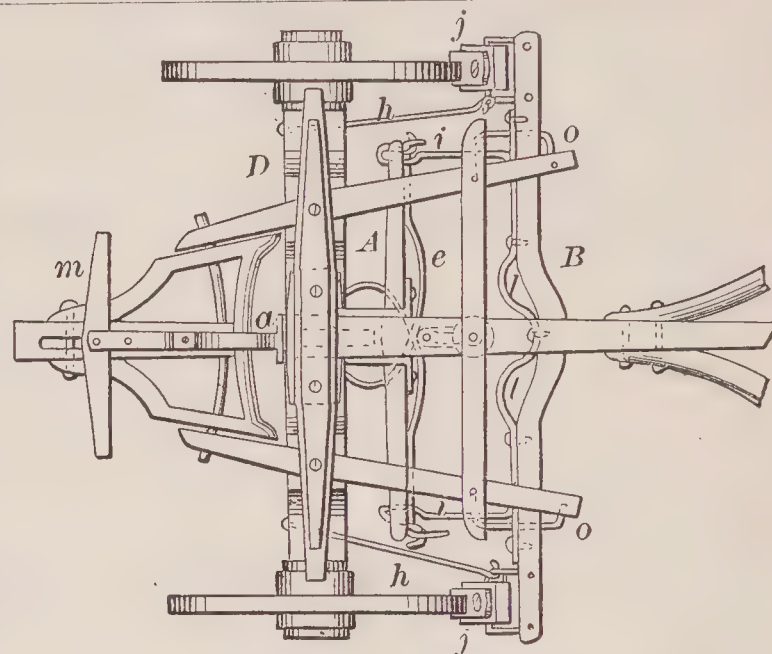
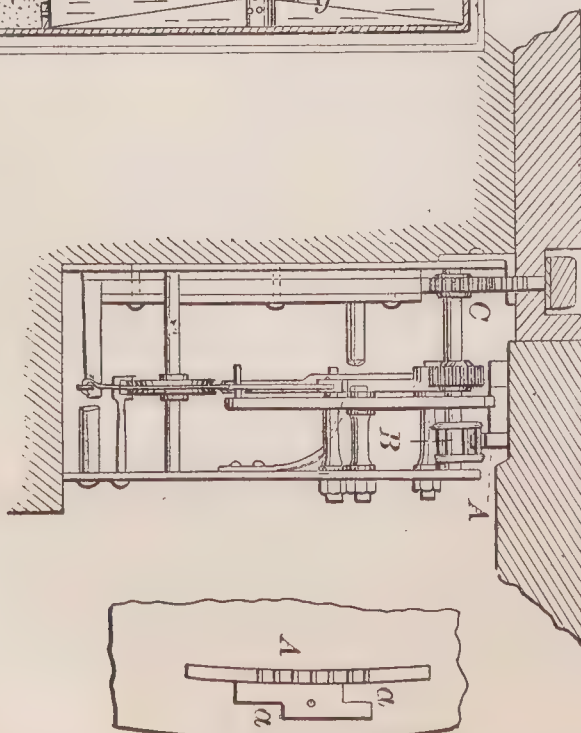
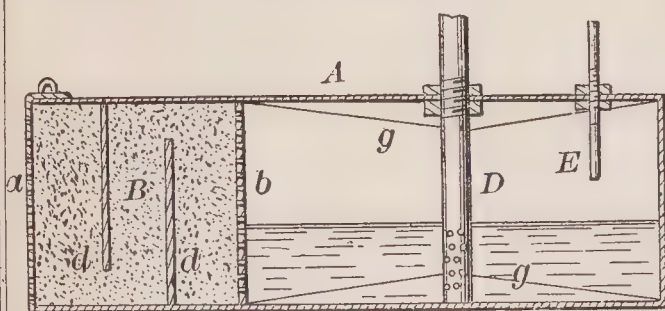
81381—J. Kuneman—*Joiners' Clamp.*



81384—W. J. Linton—*For Locking Loose Pulleys.*

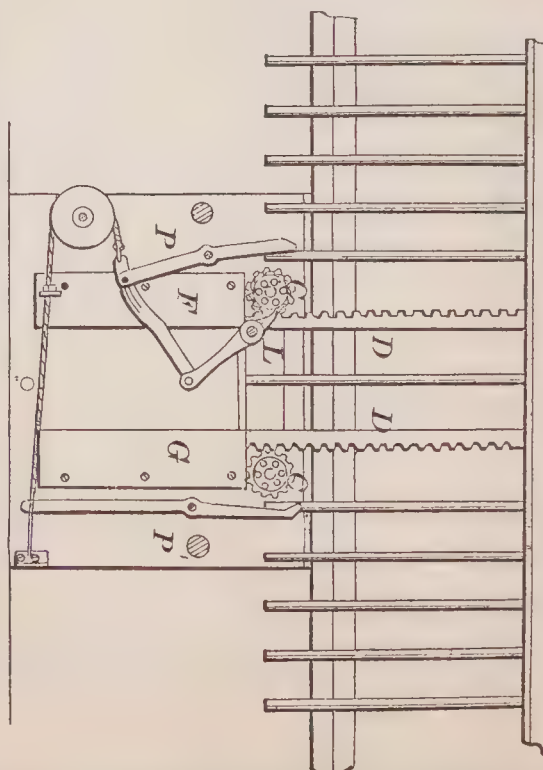


81386—Long & Lownsbery—*Filter.*

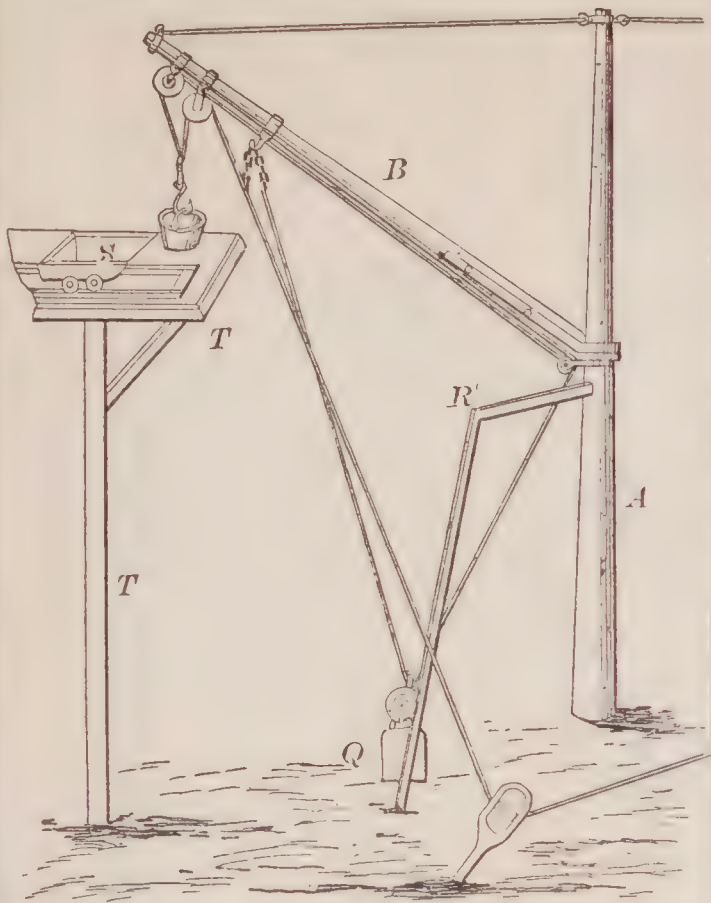


81382—F. D. Ladenberger—*Wagon Brake.*

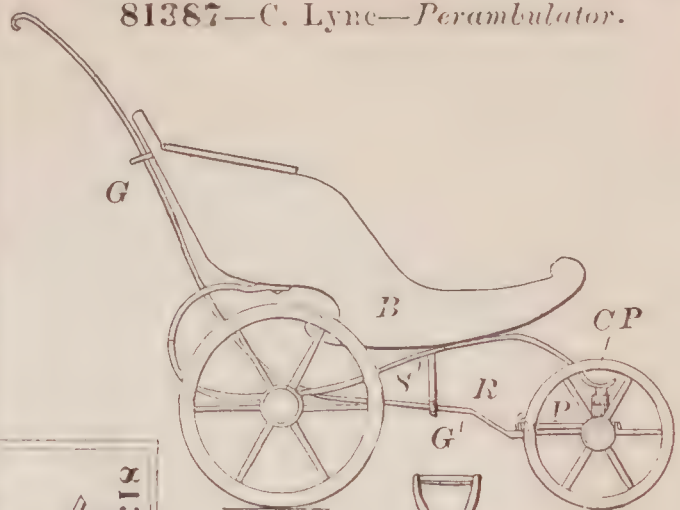
81383—J. Lehmann—*Bridge Guard.*



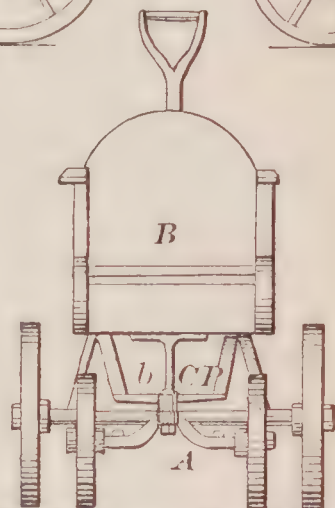
81385—C. S. Lockwood—*Derrick.*



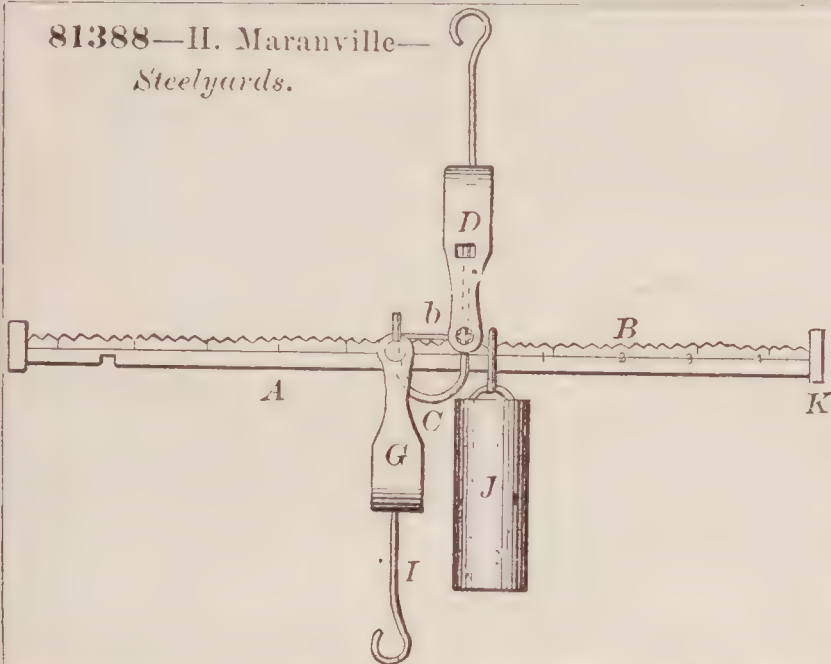
81387—C. Lyne—*Perambulator.*



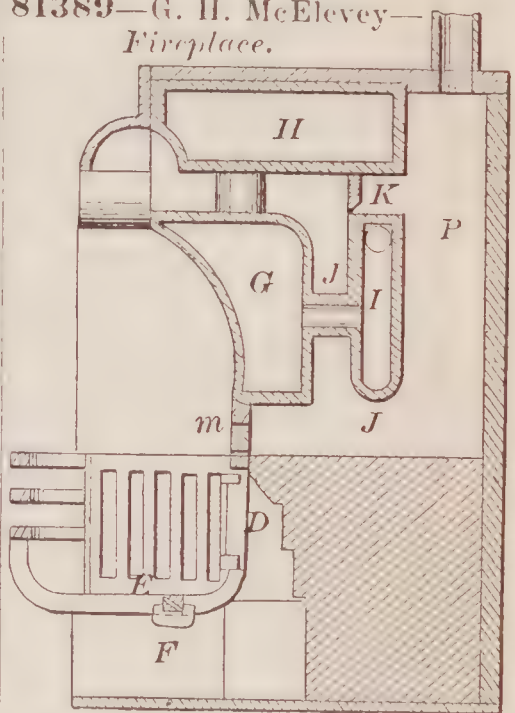
81390—W. J. McLean—*Rail Ear for Rails.*



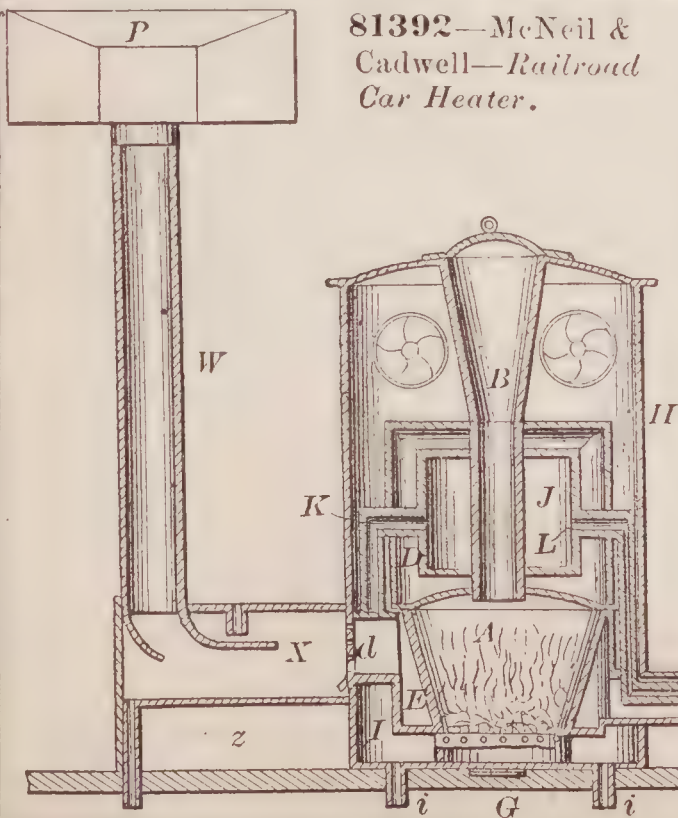
81388—H. Maranville—*Steelyards.*



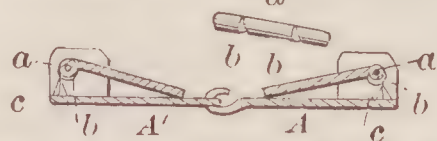
81389—G. H. McElevey—*Fireplace.*



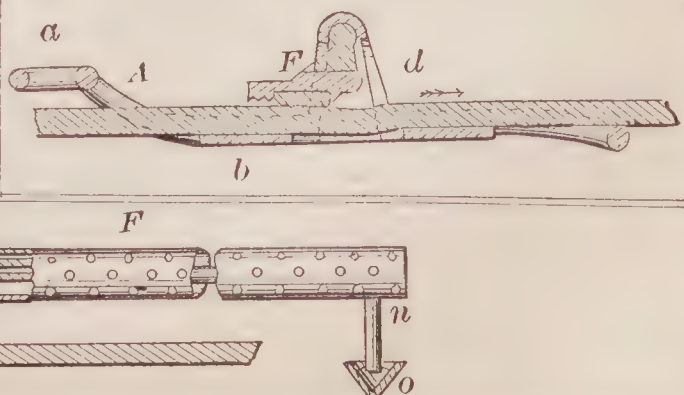
81392—McNeil & Cadwell—*Railroad Car Heater.*



81391—T. McMullen—*Coupling Belt.*

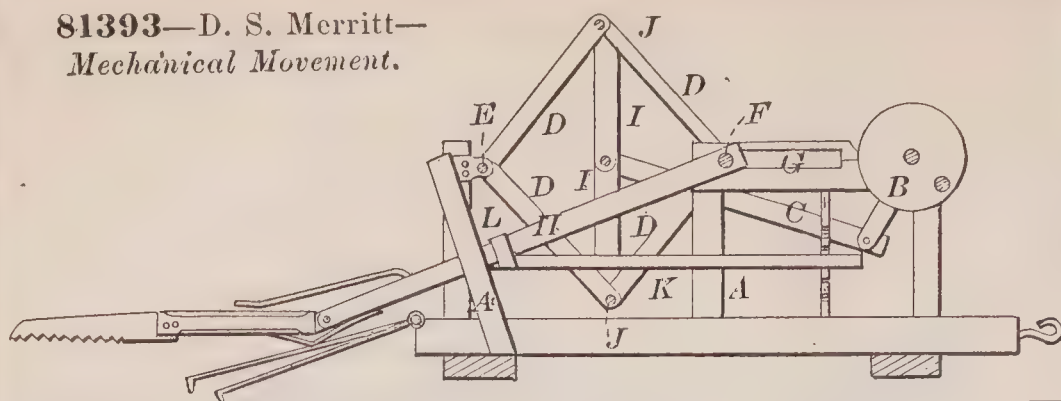


81394—C. H. Miller—*Trace Buckle.*

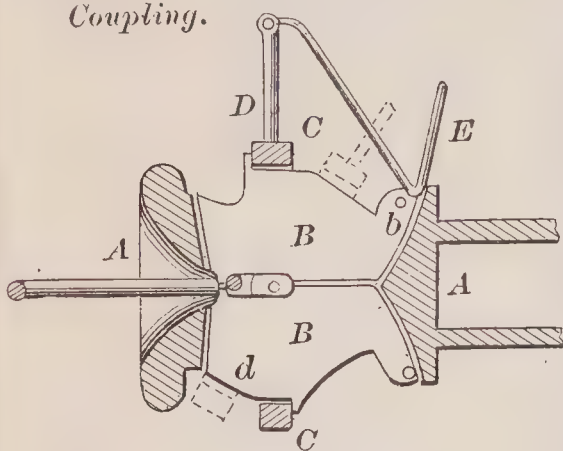




**81393**—D. S. Merritt—  
*Mechanical Movement.*



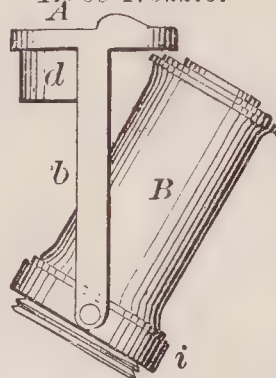
**81397**—L. Monzert—*Car Coupling.*



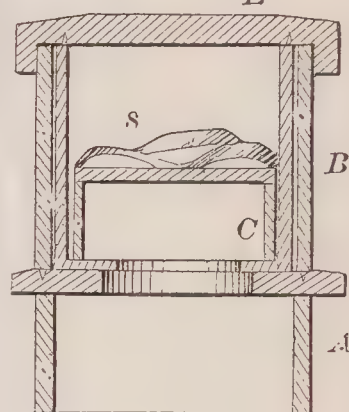
**81399**—C. A. Moore—*Knife and Fork Handle.*



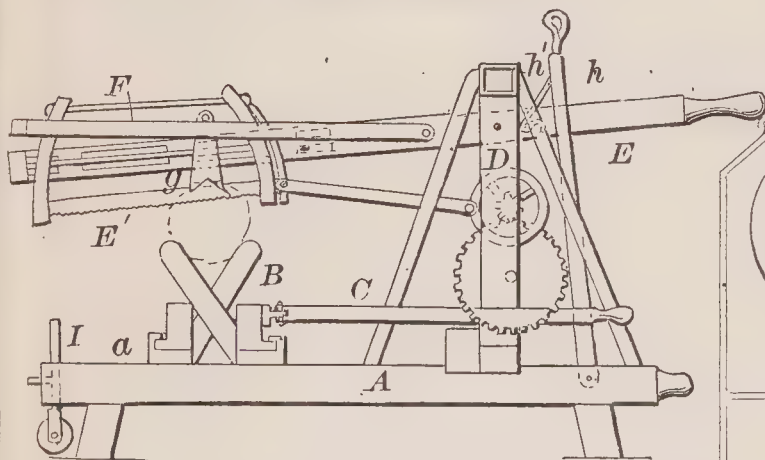
**81396**—J. B. Mitchell—*Hose Nozzle.*



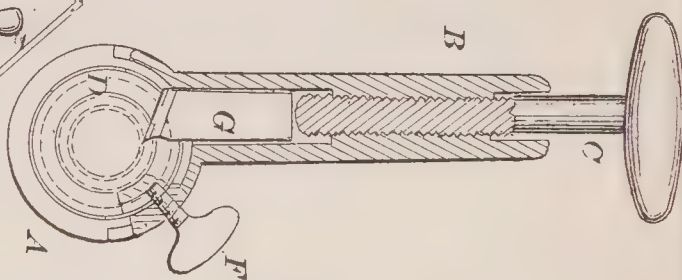
**81398**—Moon & Turner—*Honey Box in Beehive.*



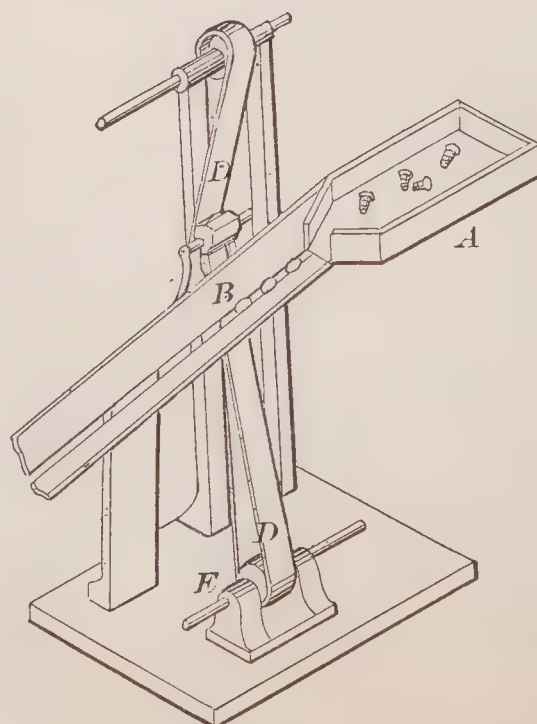
**81400**—M. P. Noel—*Sawing Machine.*



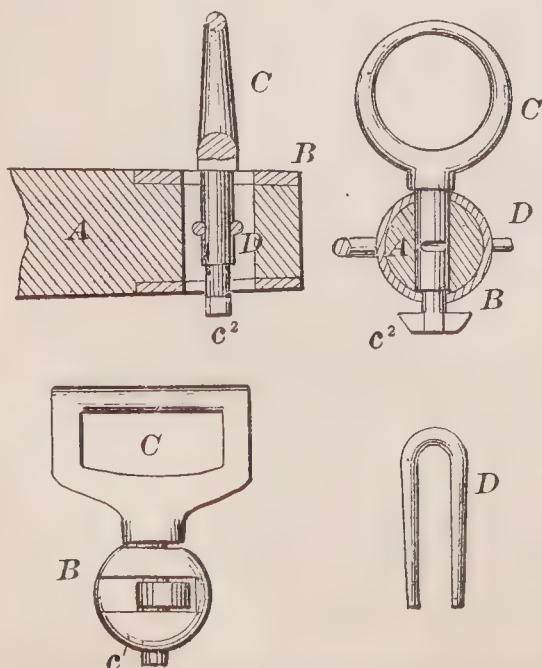
**81402**—J. Peace—*Pipe Cutter.*



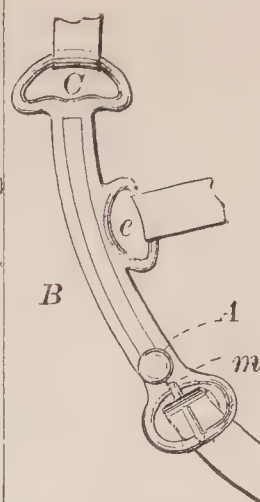
**81404**—E. S. Pierce—*For Feeding Screw Blanks.*



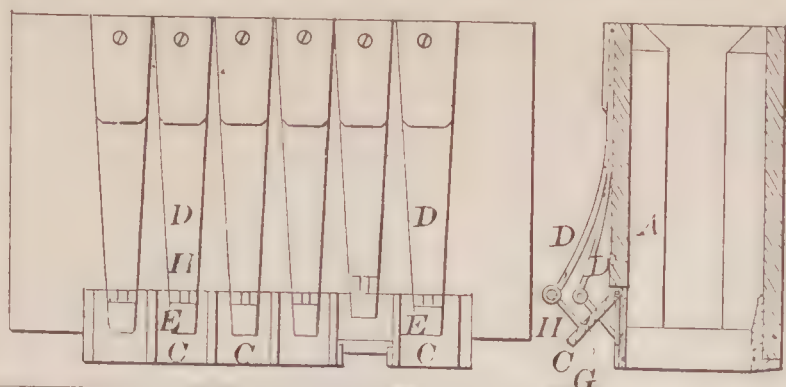
**81403**—T. Peck—*Trace Fastener.*



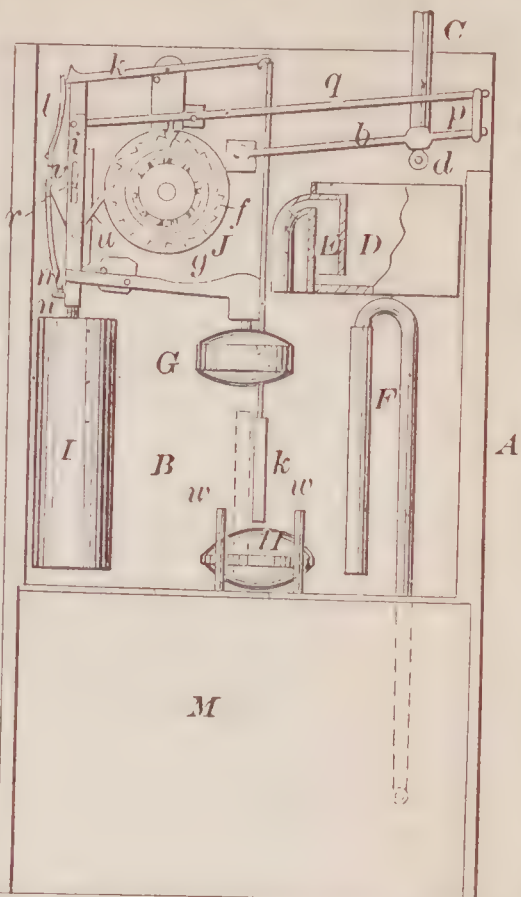
**81395**—C. H. Miller—*Bridle Bit.*



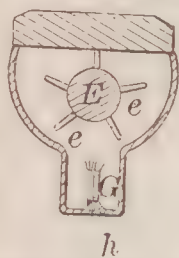
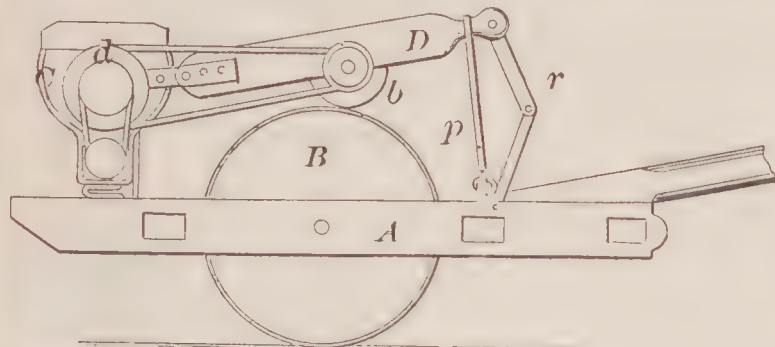
81405—B. Porter—*Brick Mould Safety Guard.*



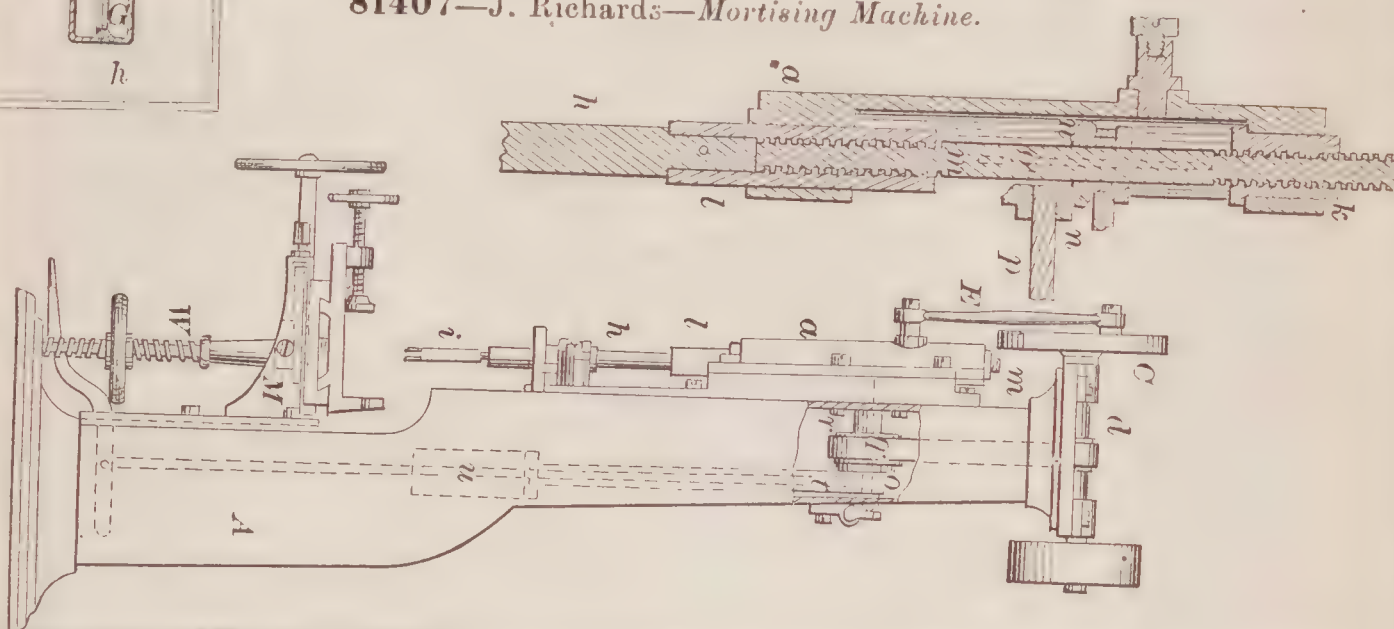
81408—C. H. Riggs—*Liquid Meter.*



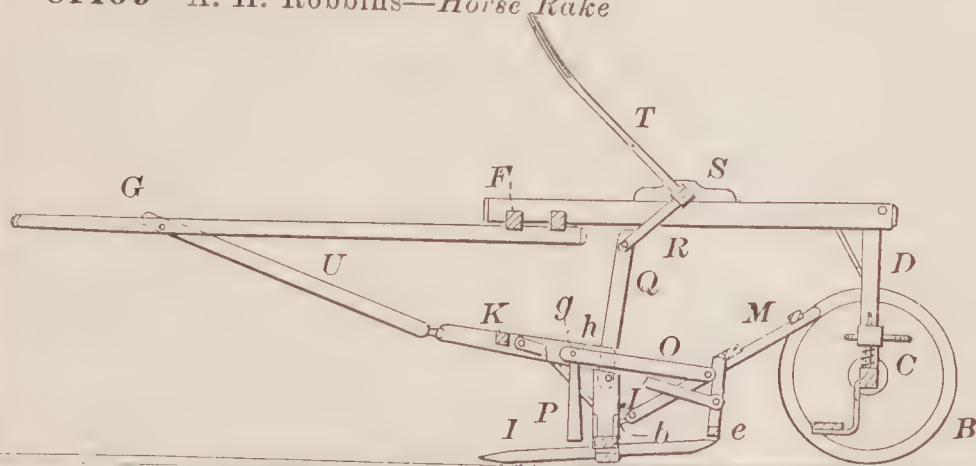
81410—H. Rodes—*Plaster Sower.*



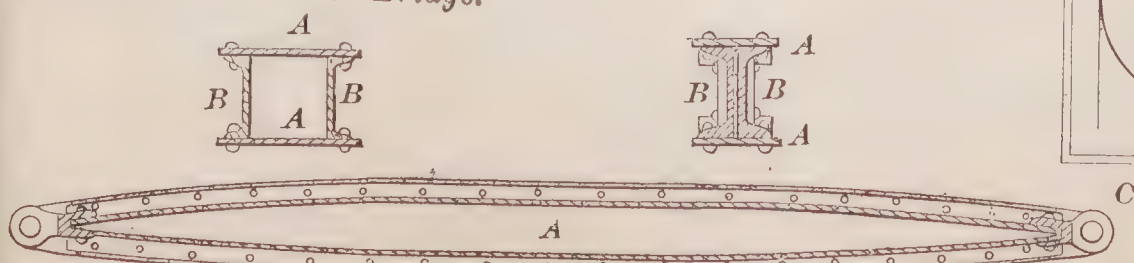
81407—J. Richards—*Mortising Machine.*



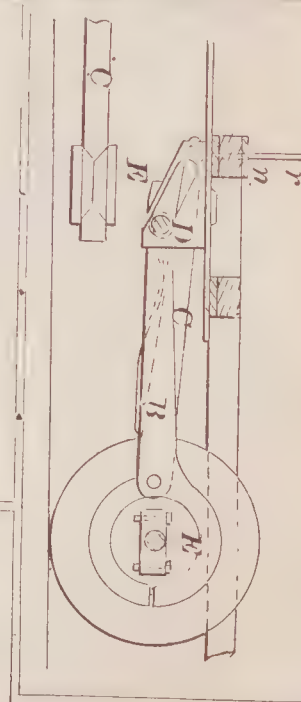
81409—A. H. Robbins—*Horse Rake.*



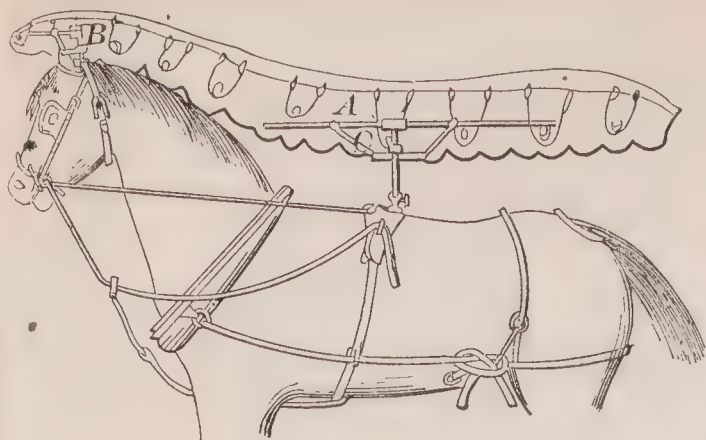
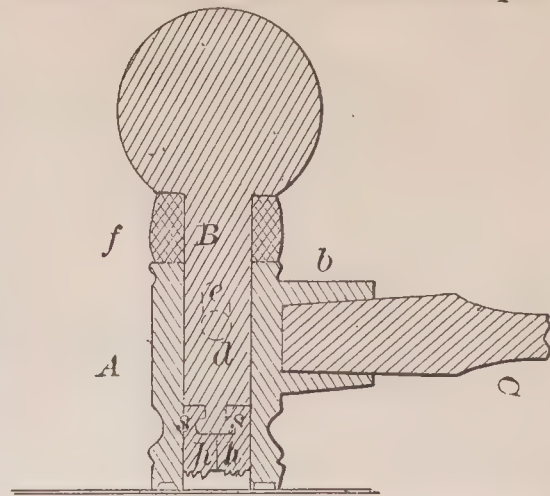
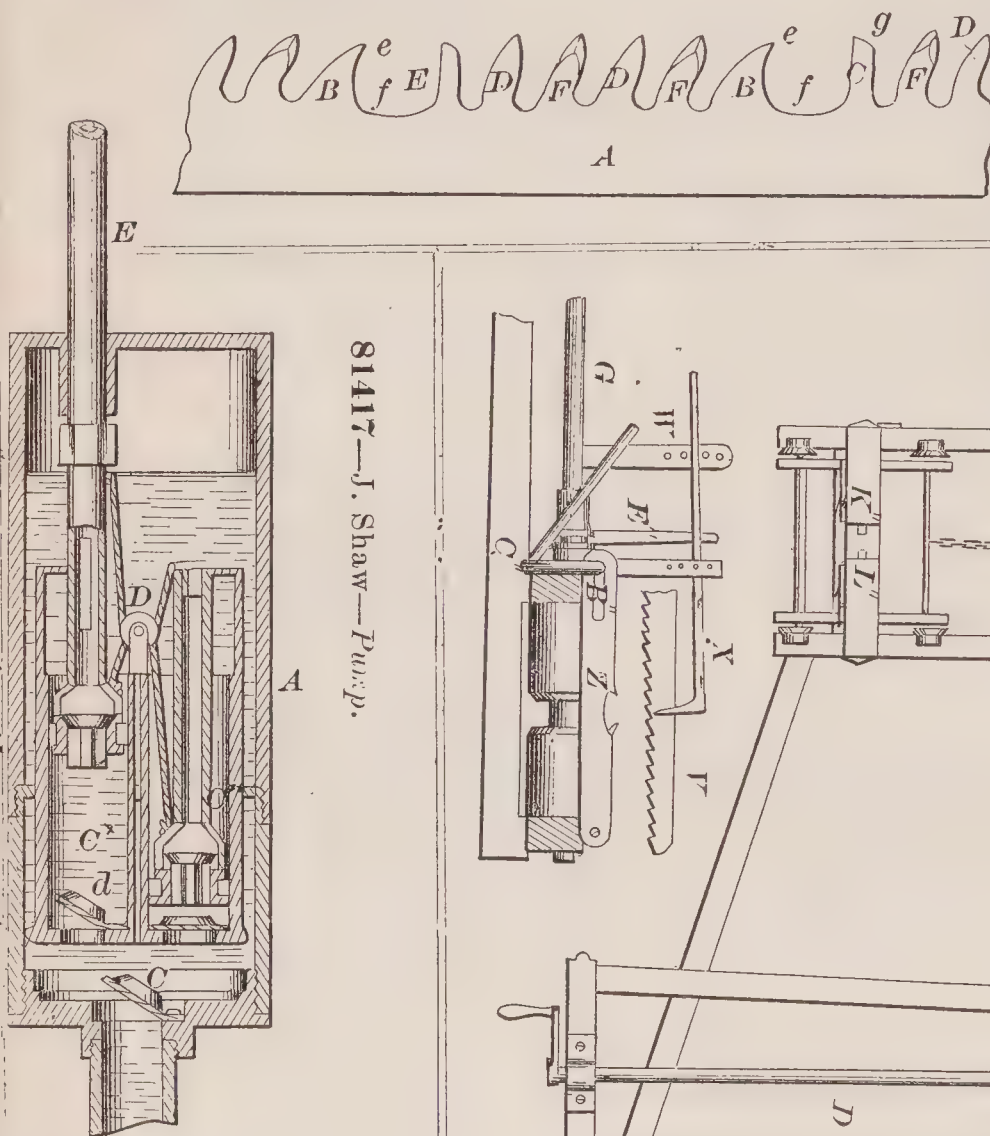
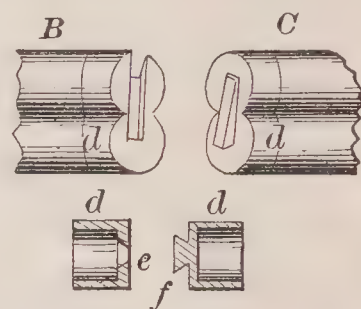
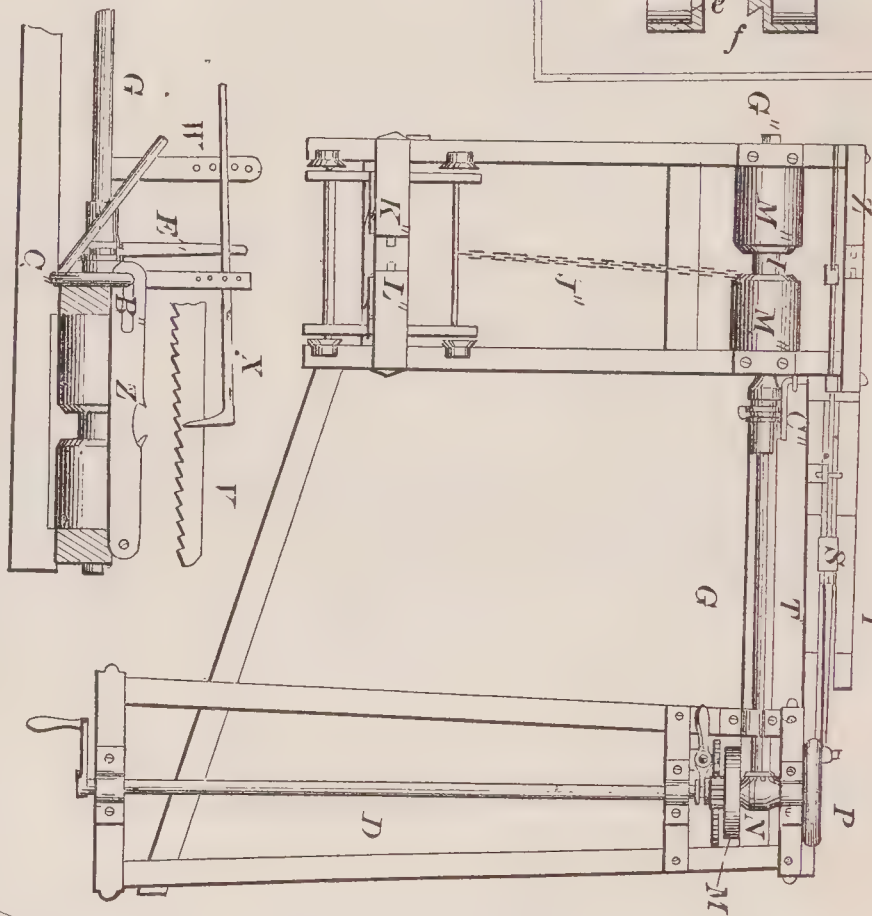
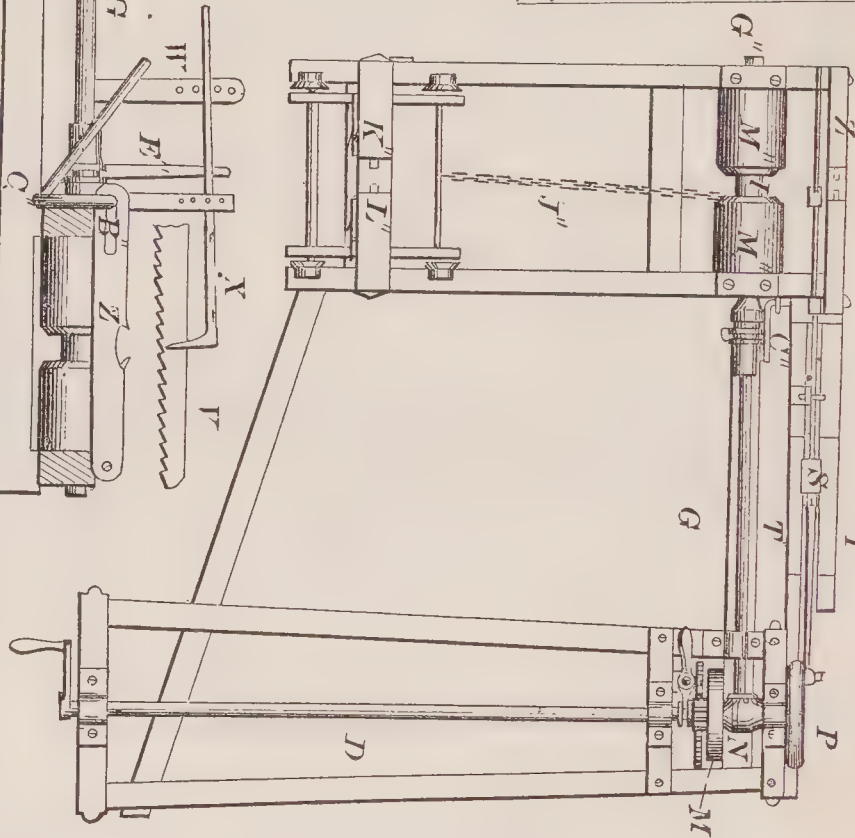
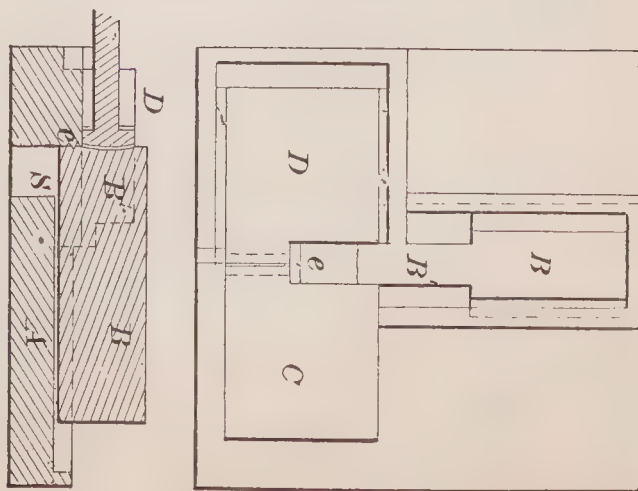
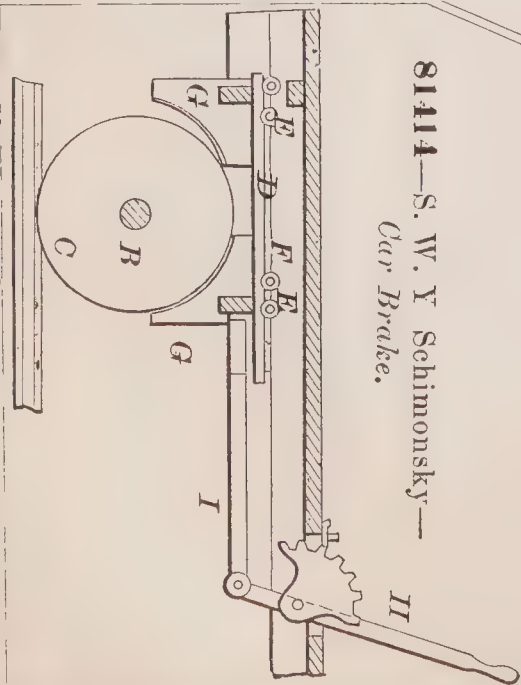
81406—A. J. Post—*Bridge.*



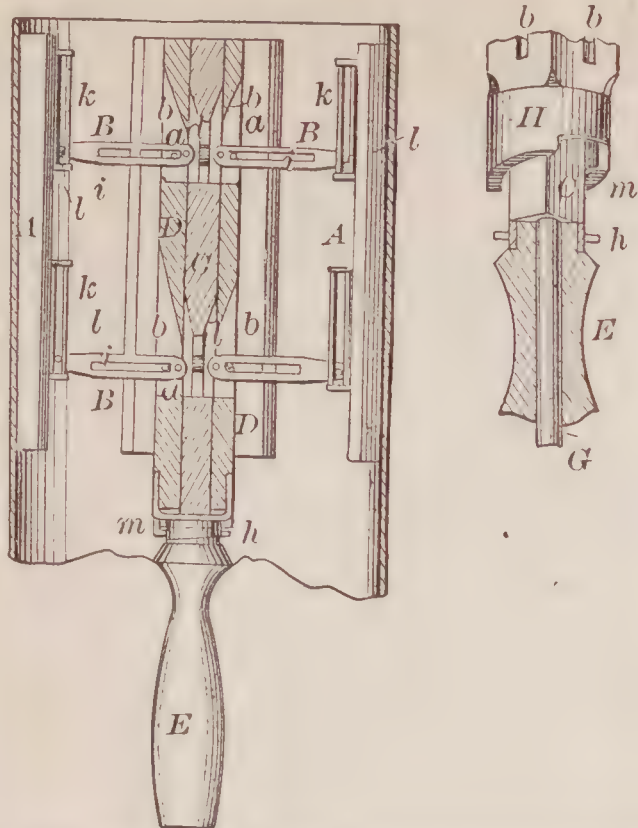
81411—F. Root—*Car Brake.*



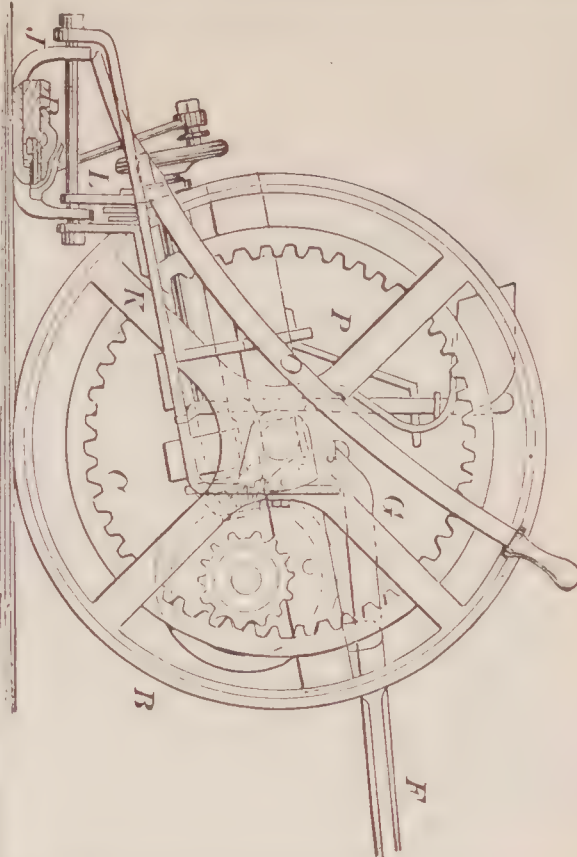


81412—S. Ruth—*Sun Shade for Horses.*81415—A. Selkirk—*Hand Stamp.*81413—D. Sattler—*Saw.*81416—Sharp & Shannon—*Horse Collar Fastening.*81417—J. Shaw—*Pump.*81418—P. L. Shepler—*Sawing Machine.*81419—W. Shields—*Die for Bolts.*81414—S. W. Y. Schimonsky—*Car Brake.*

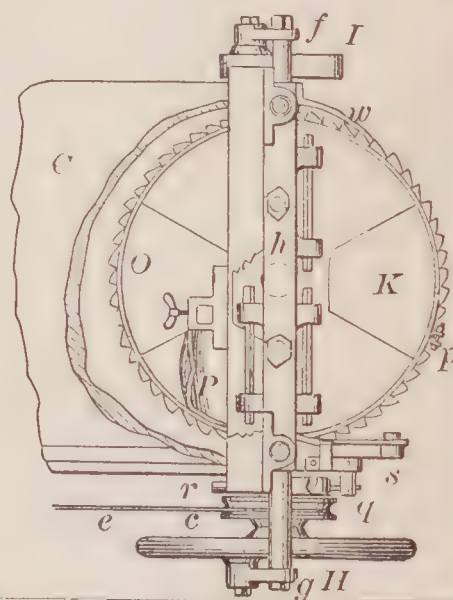
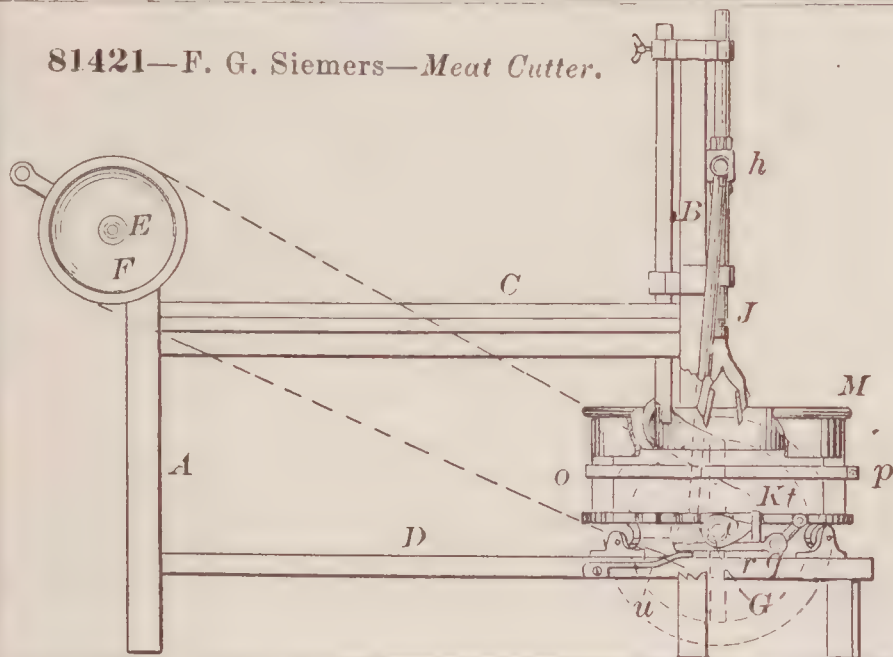
81420—M. M. Shur—*For Soldering Cans.*



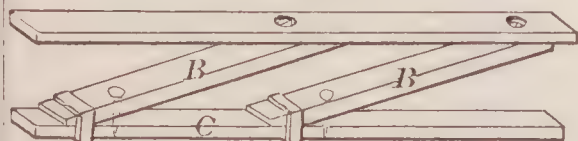
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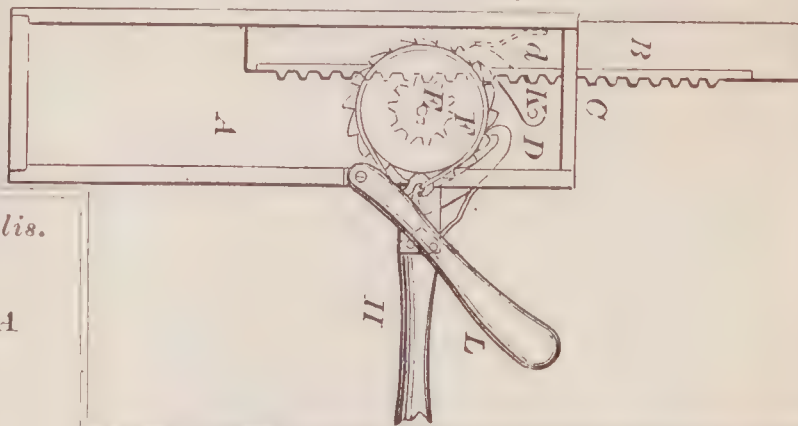
81421—F. G. Siemers—*Meat Cutter.*



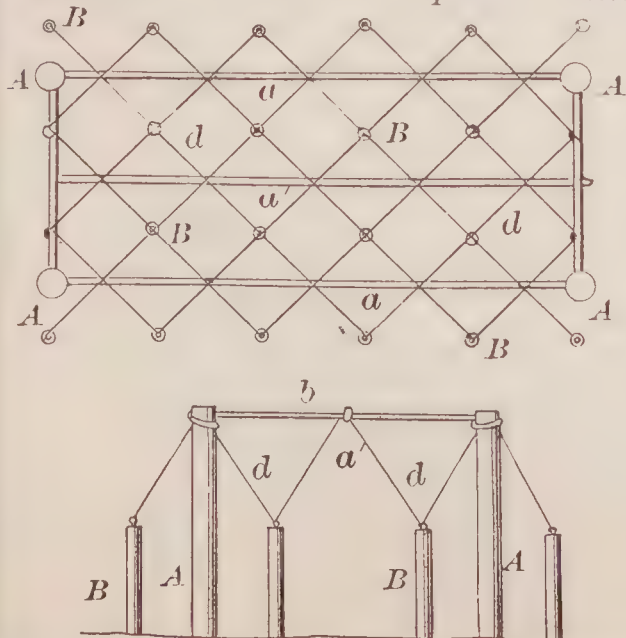
81422—P. Sisson—*Spring Bed Bottom.*



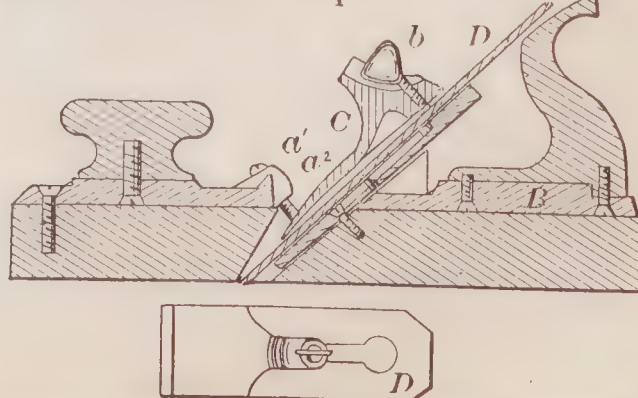
81424—C. A. Smith—*Lifting Jack.*



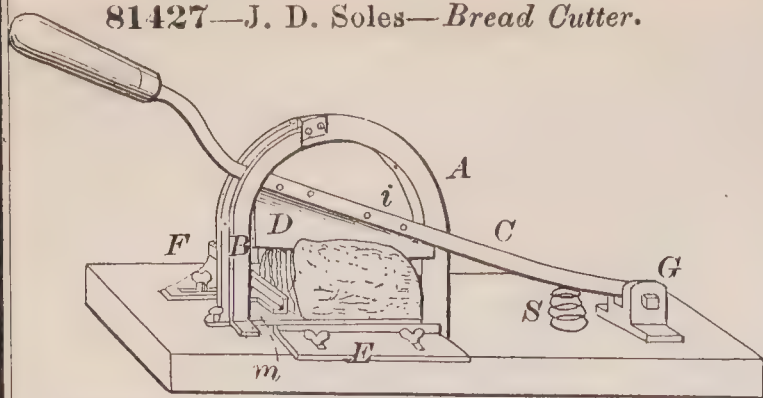
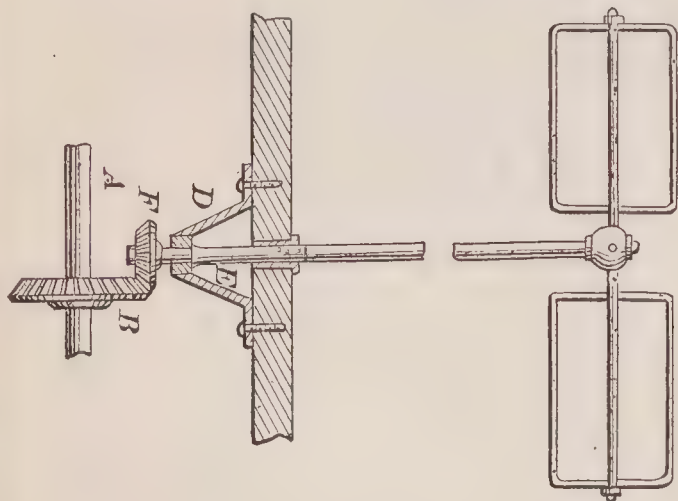
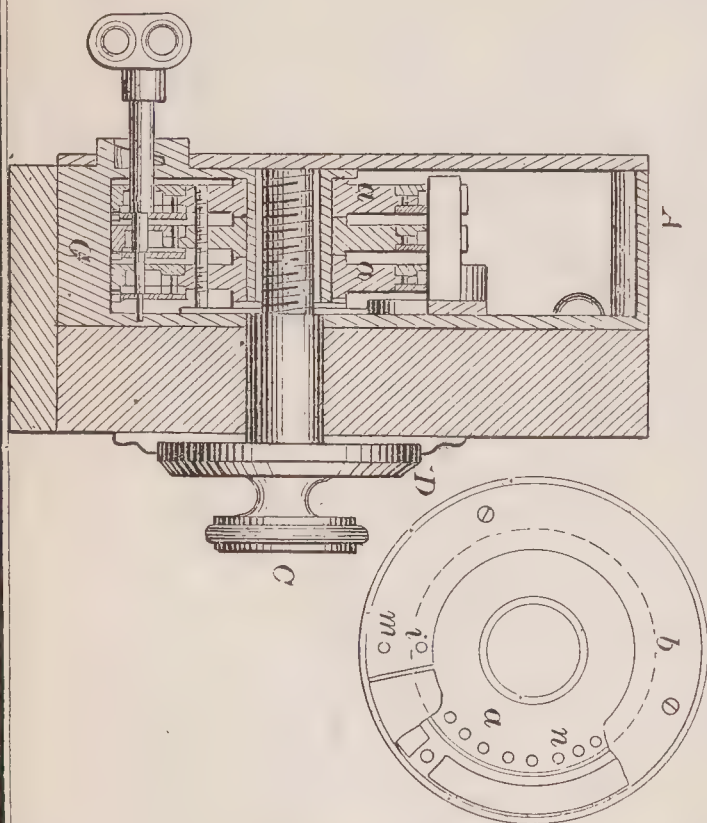
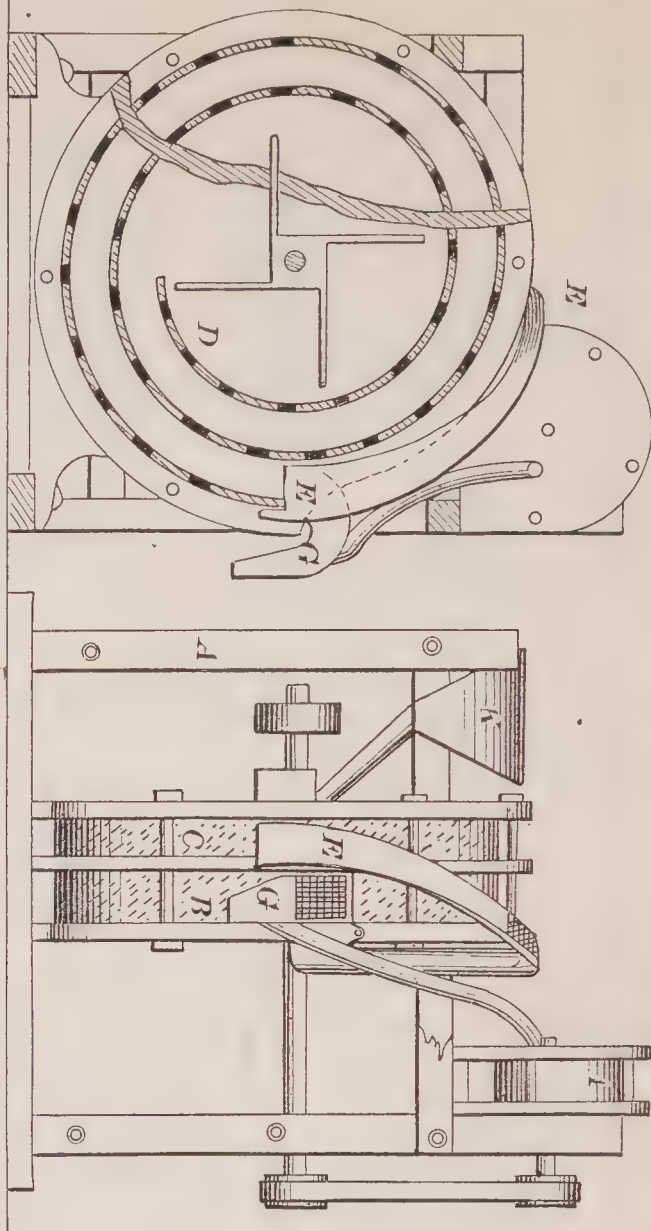
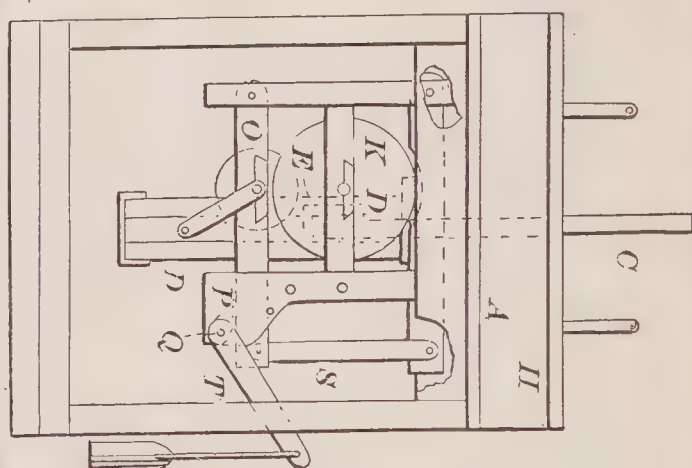
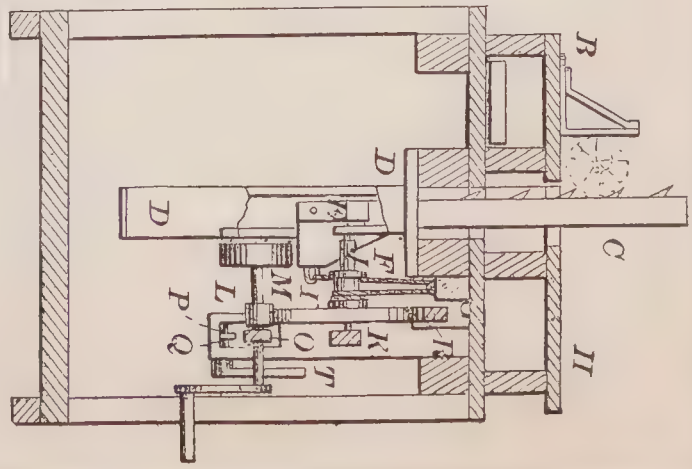
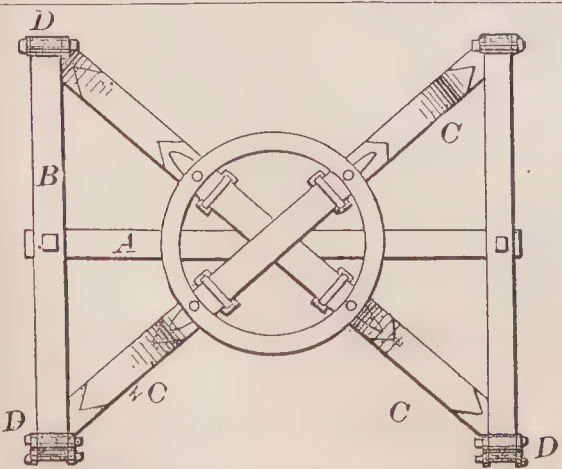
81426—Y. W. Smith—*Hop Vine Trellis.*



81425—Smith & Carpenter—*Plane.*

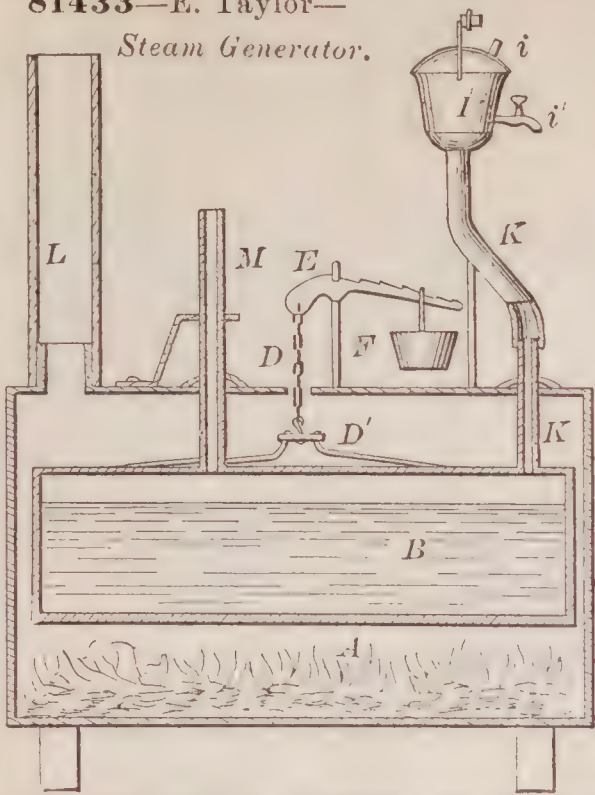




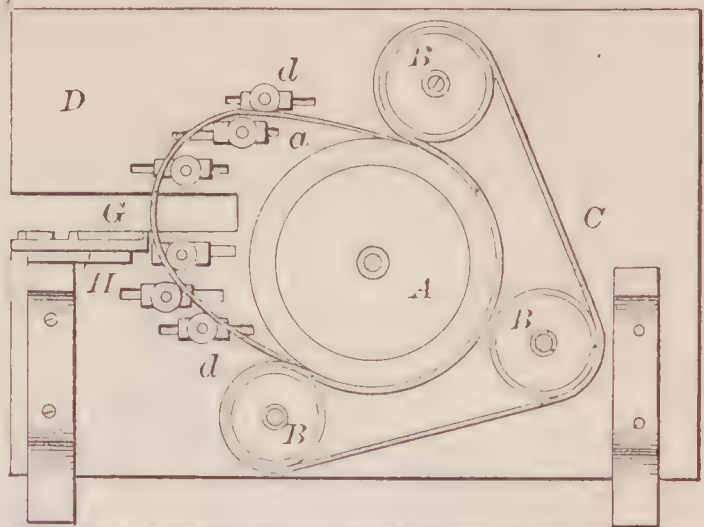
81427—J. D. Soles—*Bread Cutter.*81429—J. H. Stone—*Sewing Machine Fan.*81430—T. J. Sullivan—*Permutation Lock.*81428—H. Stanley—*Smut Machine.*81432—E. Tarrant—*For Turning Logs in Saw Mills.*81431—C. D. Sutton—*Vehicle Spring.*



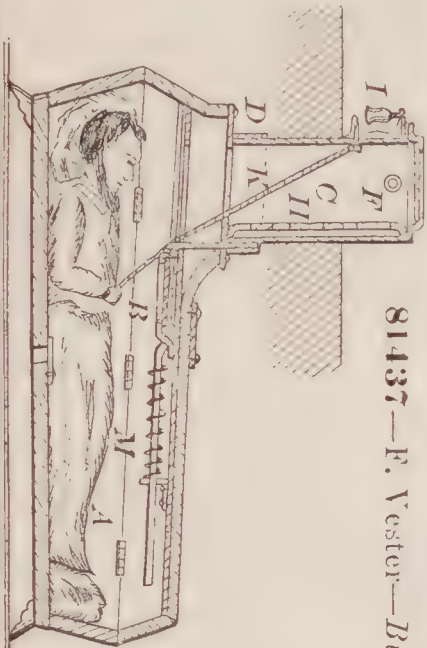
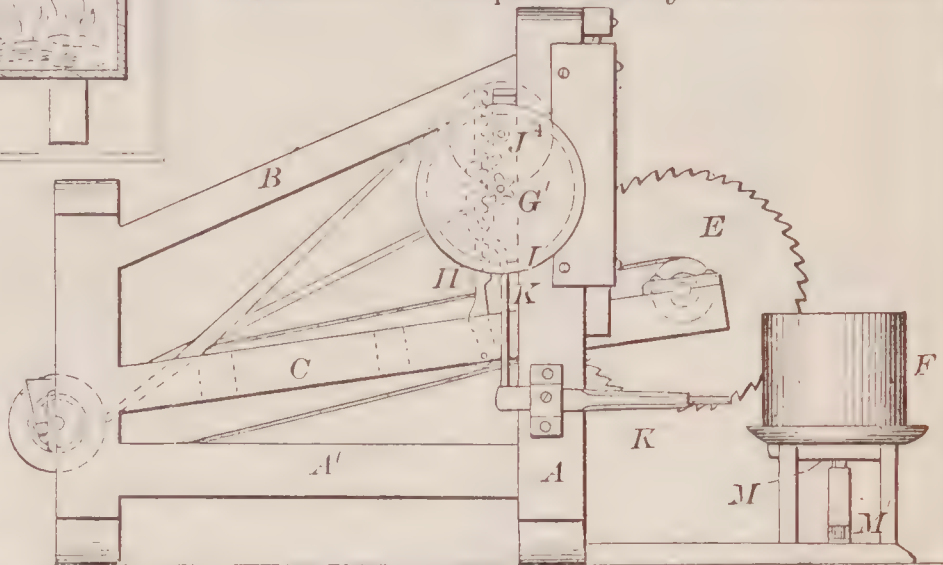
81433—E. Taylor—  
*Steam Generator.*



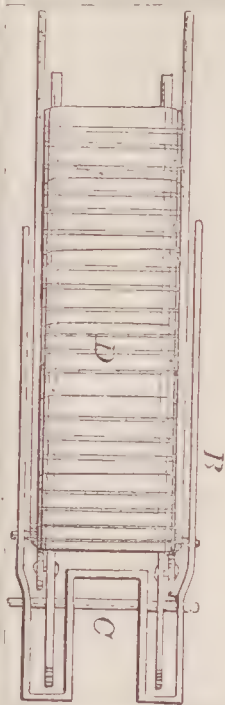
81434—G. Thompson—*Belt Saw.*



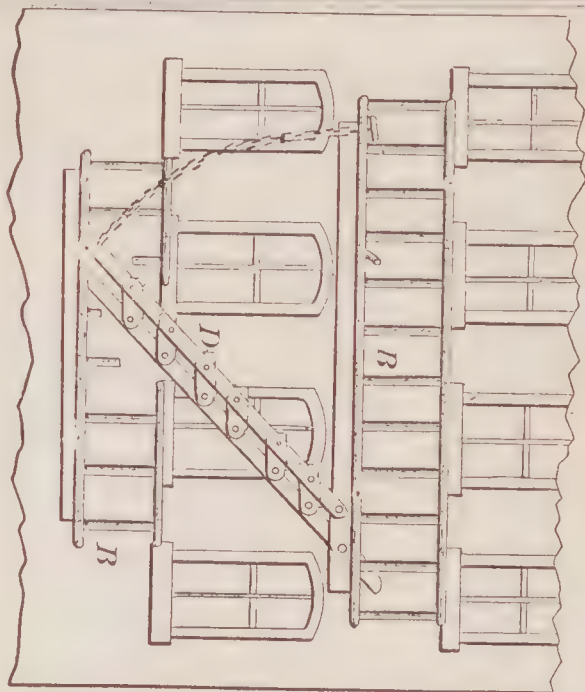
81435—T. Thompson—*Shingle Bolt Machine.*



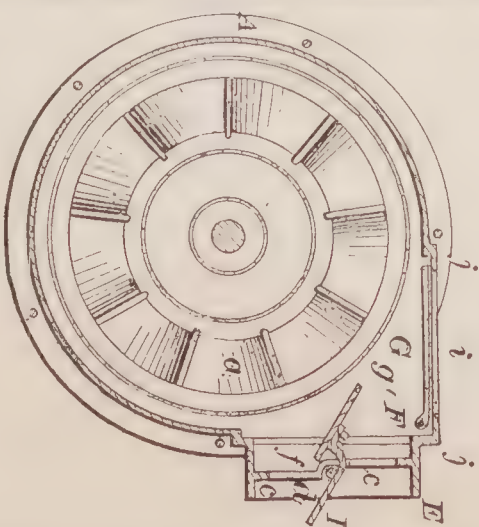
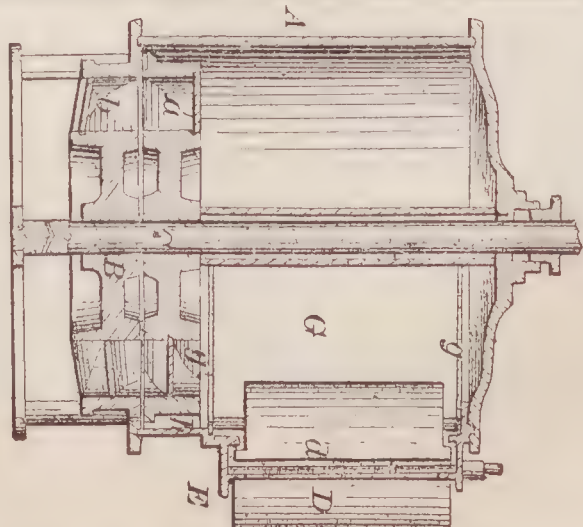
81437—F. Vester—*Burial Case.*



81436—T. Thompson, Jr.—*Fire Escape.*

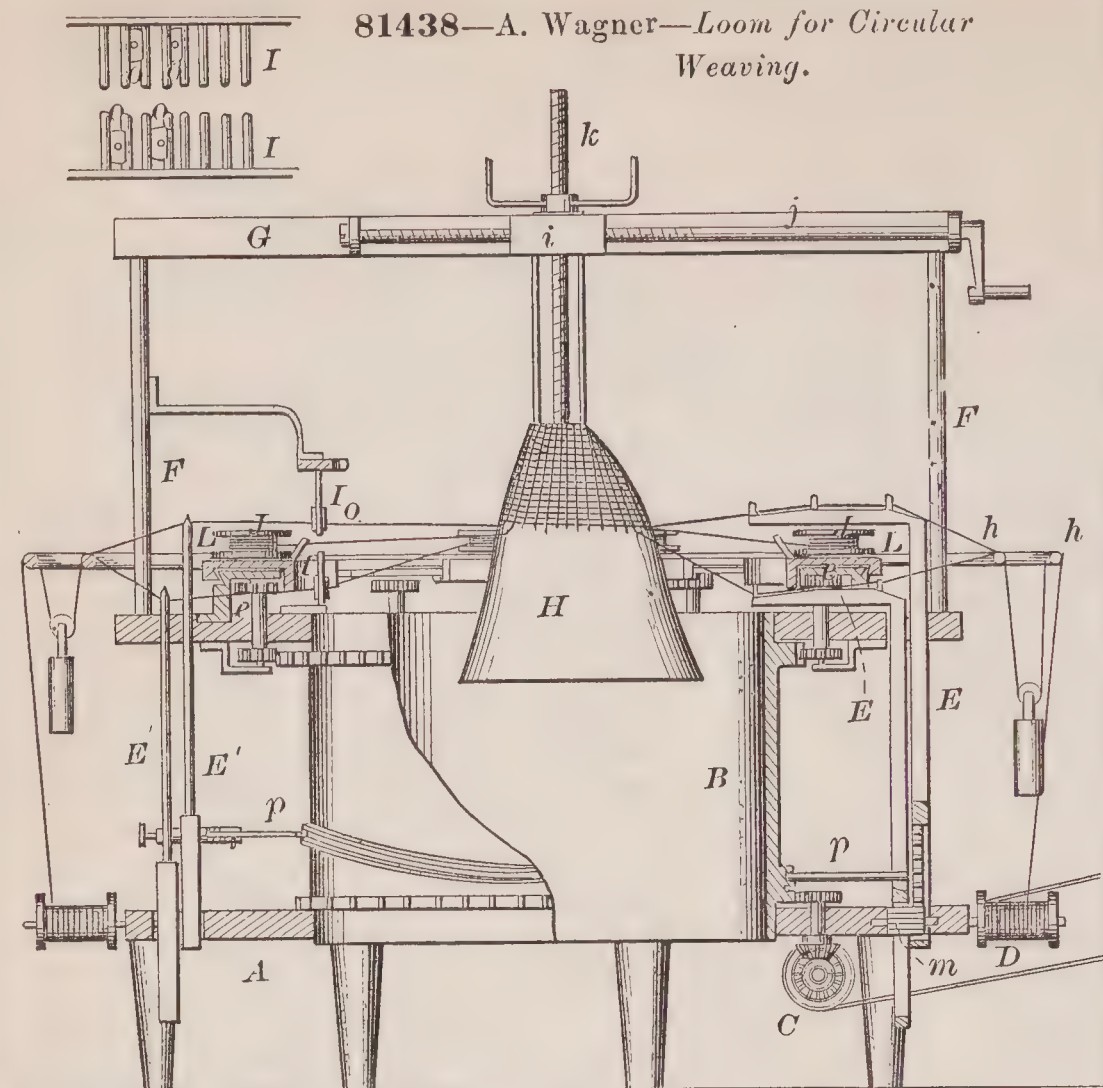


81439—P. H. Wait—*Water  
Wheel Curb.*

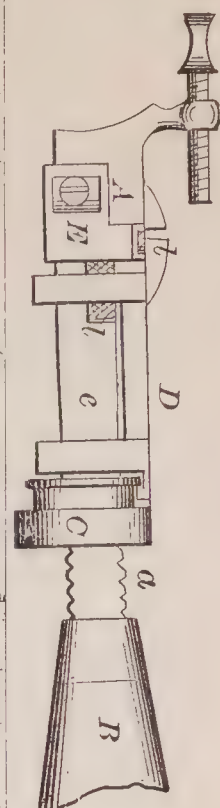




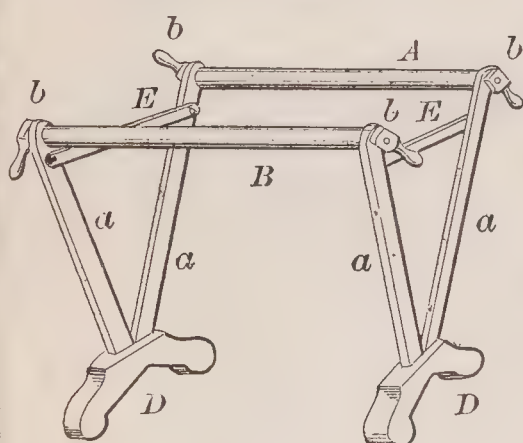
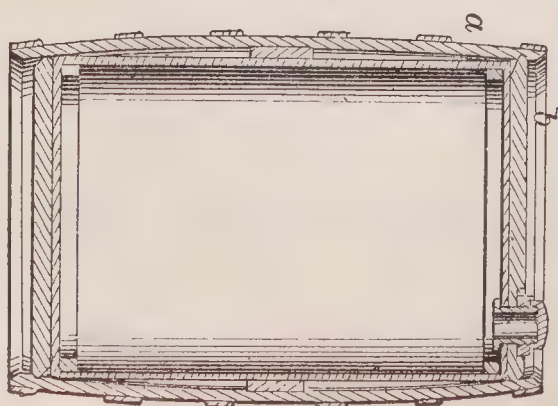
81438—A. Wagner—*Loom for Circular Weaving.*



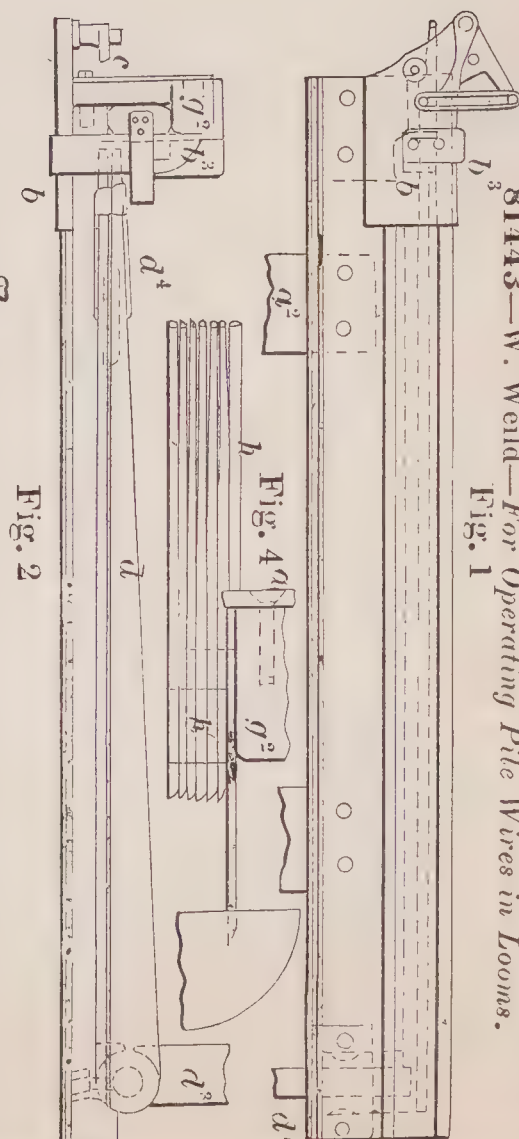
81442—W. B. Weaver—Saw Set.



81440—D. F. Wallace—  
*Quilting Frame.*

81441—E. Waters—*For Holding Petroleum.*

81443—W. Weid—*For Operating Pile Wires in Looms.*  
Fig. 1



21. Fi.

Fig 3

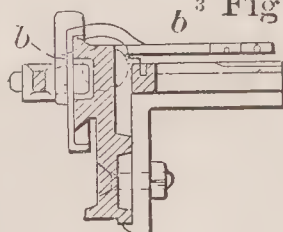
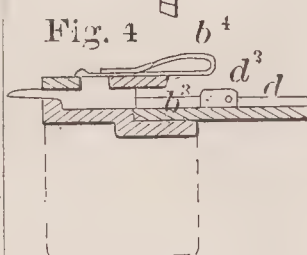
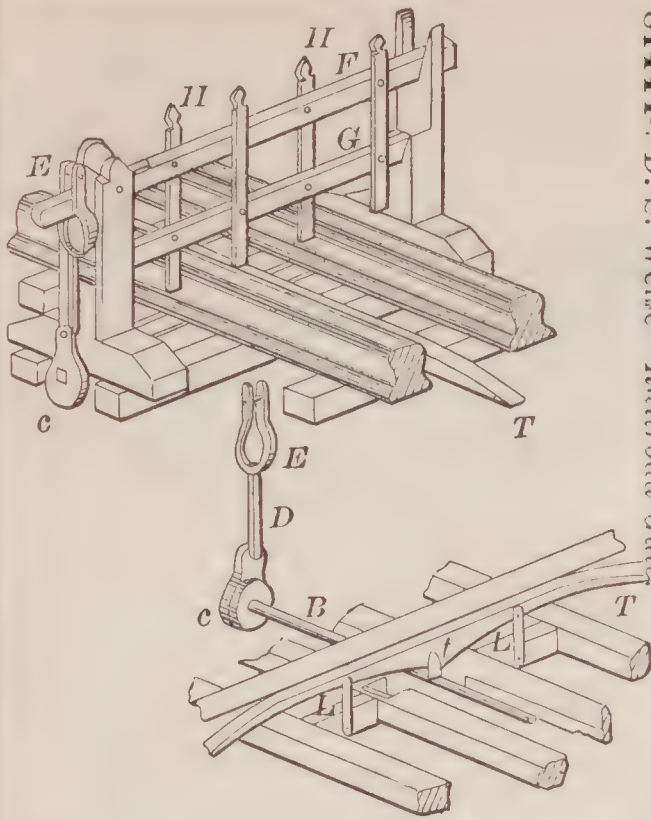


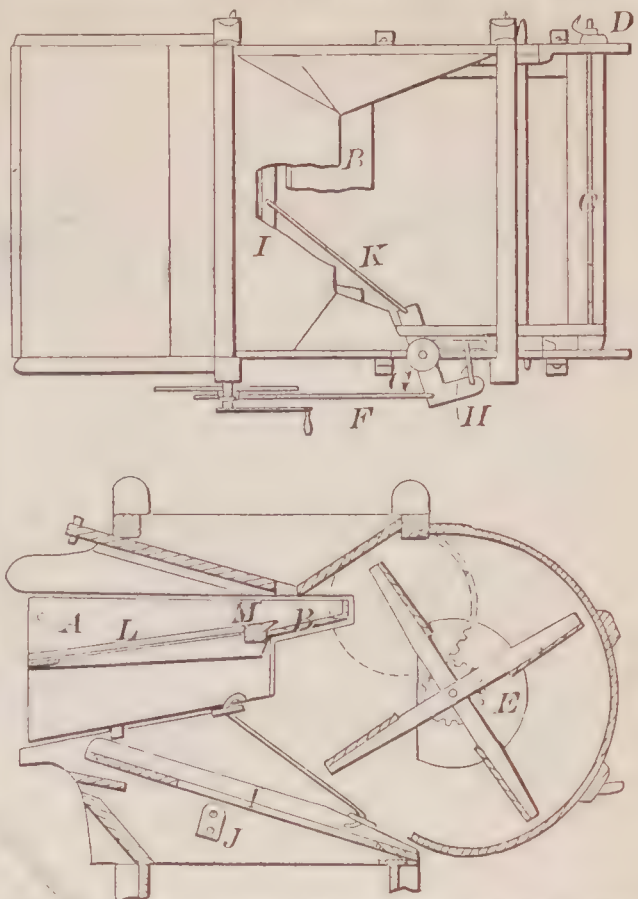
Fig. 4



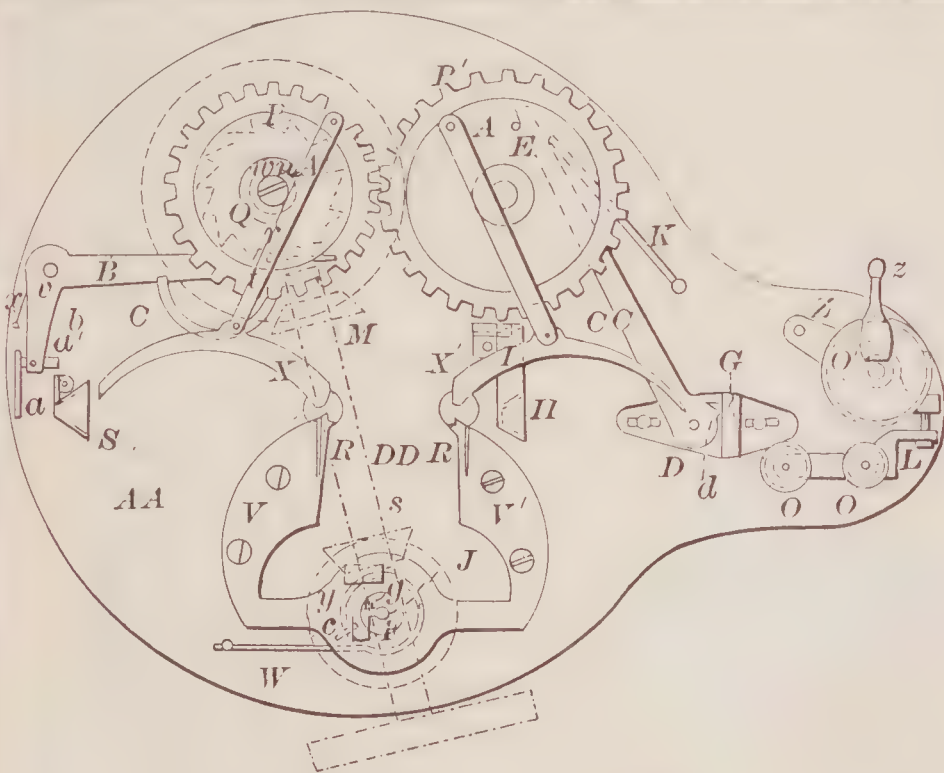
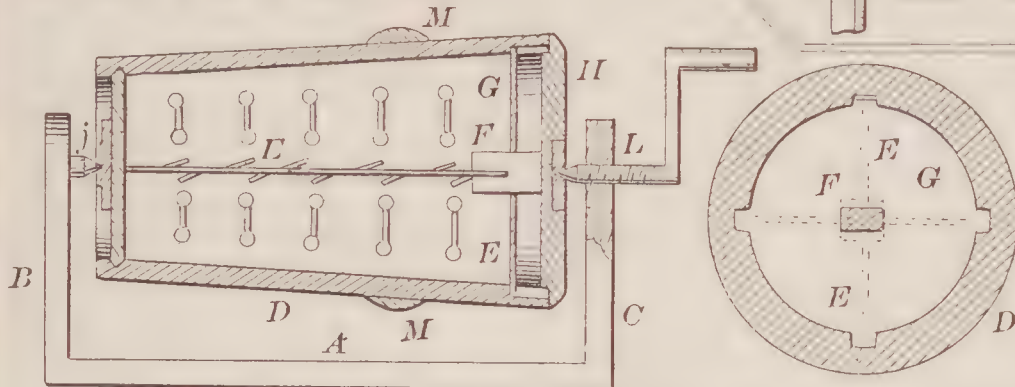


81441—D. S. Weise—*Railroad Gate.*

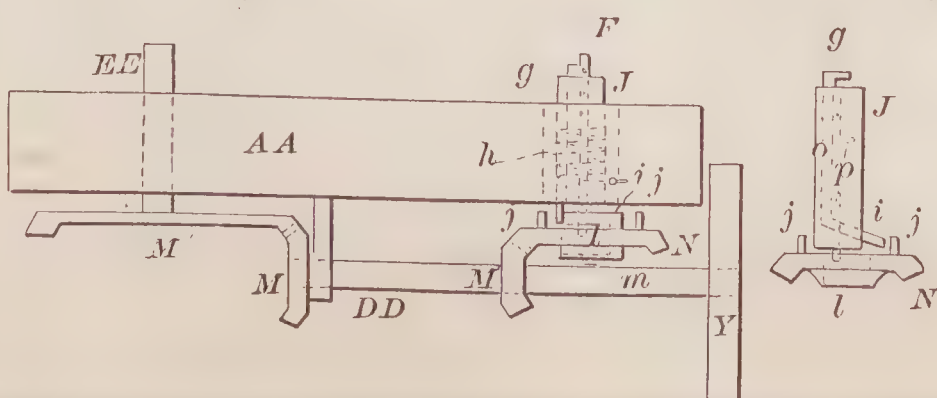
81448—M. D. Williams—*Grain Separator.*



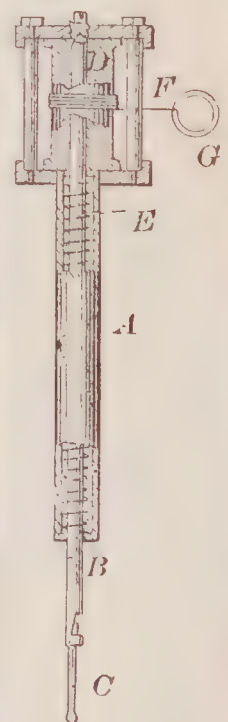
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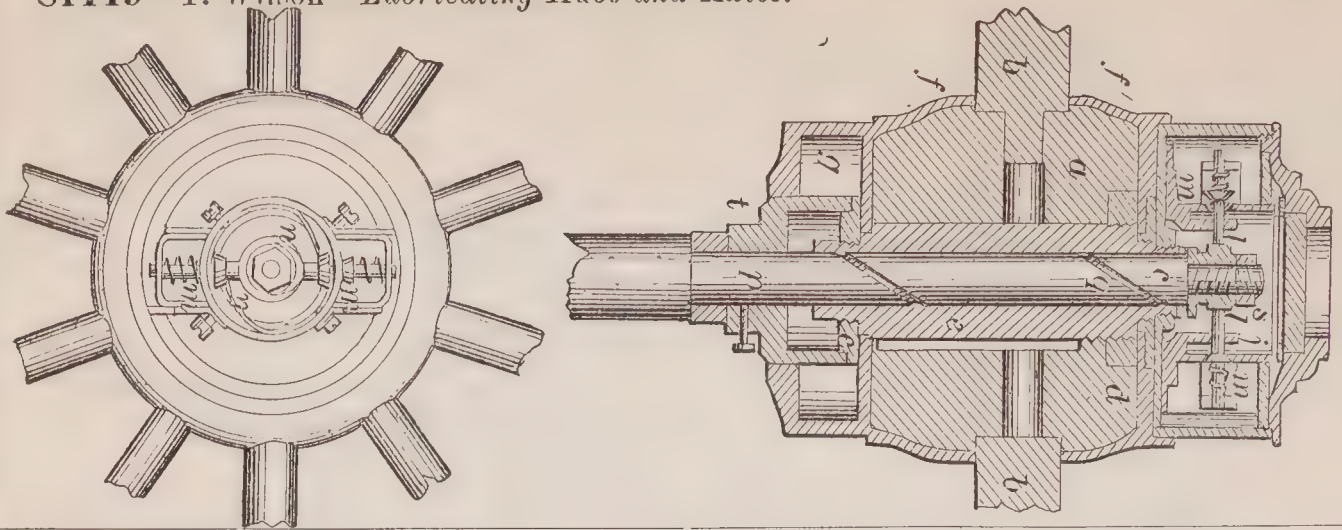
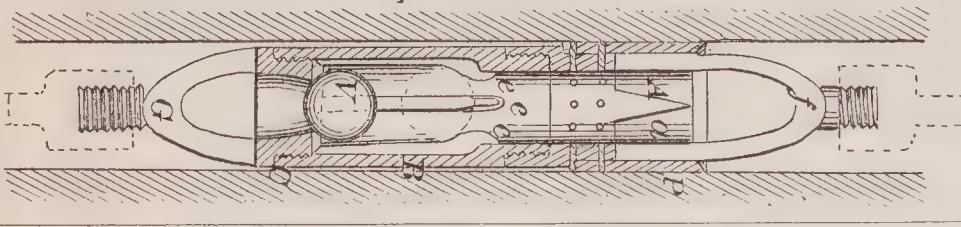
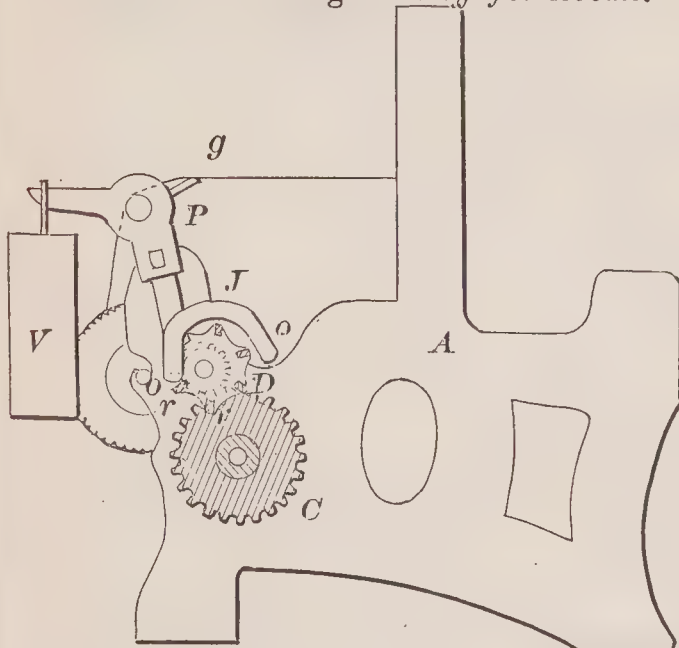
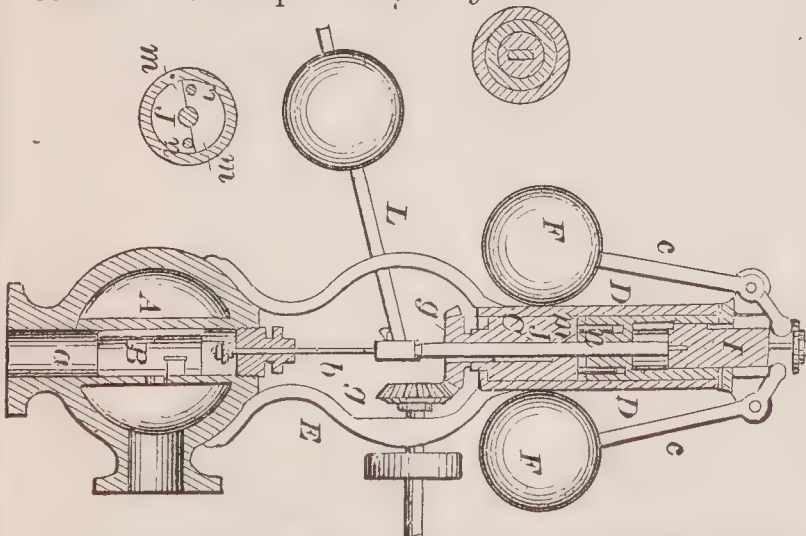
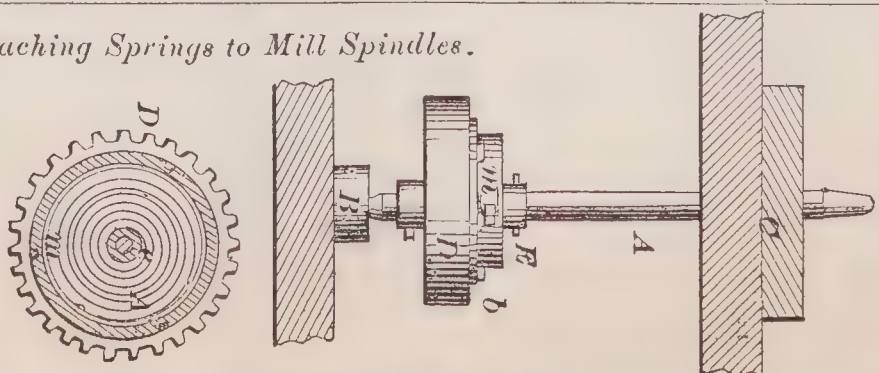
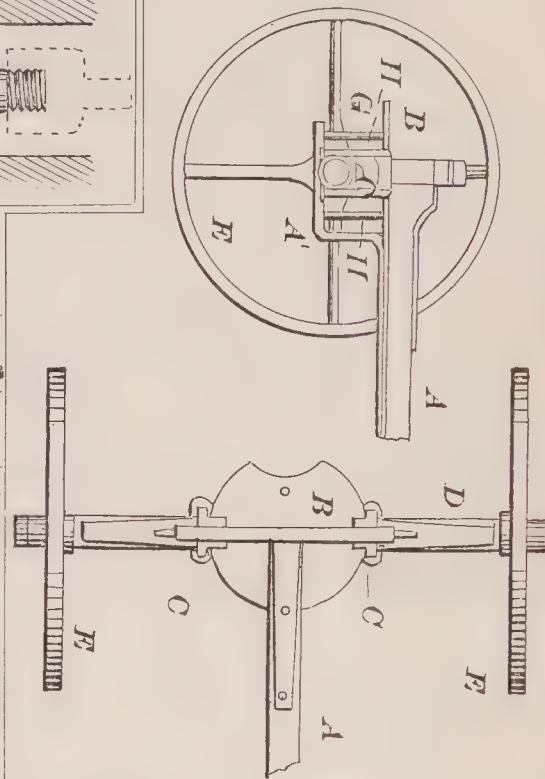
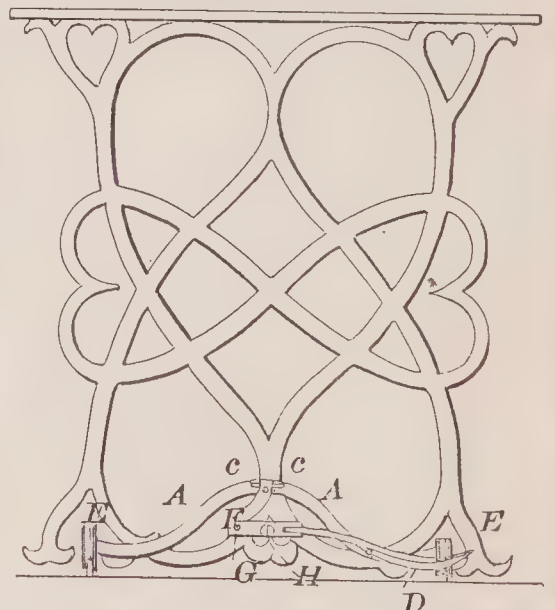
81447—H. C. Wilder—*Rail Making Machine.*



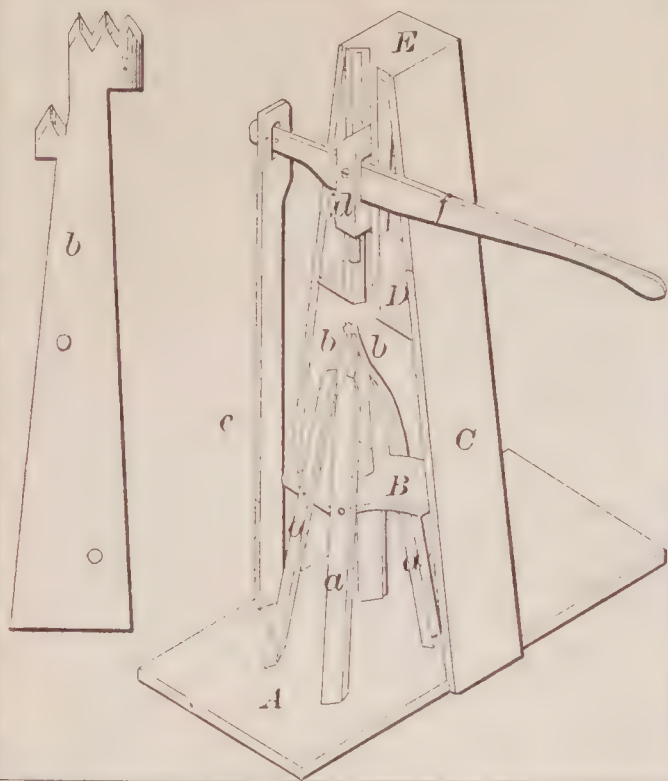
81450—A. Wirsching—*Watchmakers' Drill.*



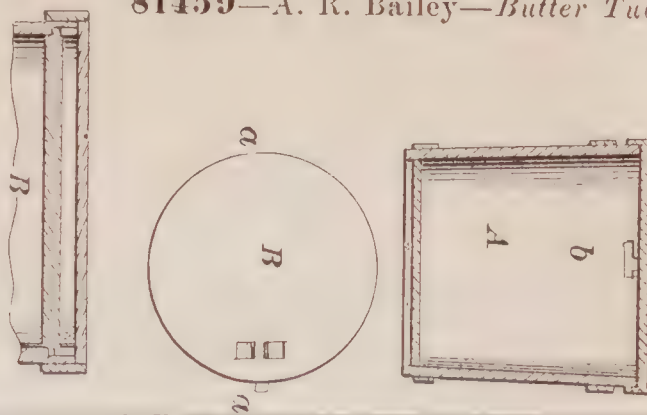


81449—T. Wilson—*Lubricating Hubs and Axles.*81451—J. Wood—*Pump Piston.*81453—C. H. Young—*Let-off for Looms.*81455—T. Alsop—*Steam Engine Governor.*81456—T. Alsop—*Attaching Springs to Mill Spindles.*81452—E. Yeiser—*Carriage Fifth Wheel.*81454—L. O. Allen—*Sewing Machine Caster.*

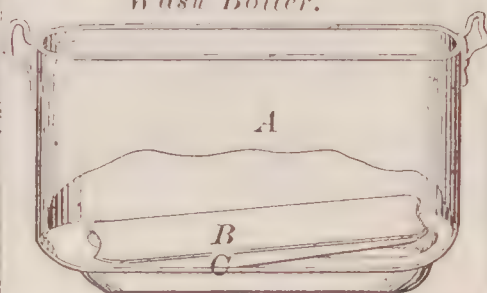
81458—D. Bacon—*Corn Sheller.*



81459—A. R. Bailey—*Butter Tub.*



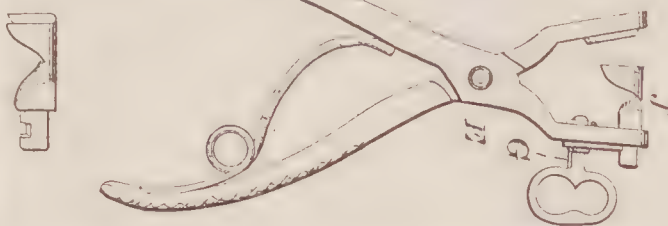
81460—Ball & Phelps—*Wash Boiler.*



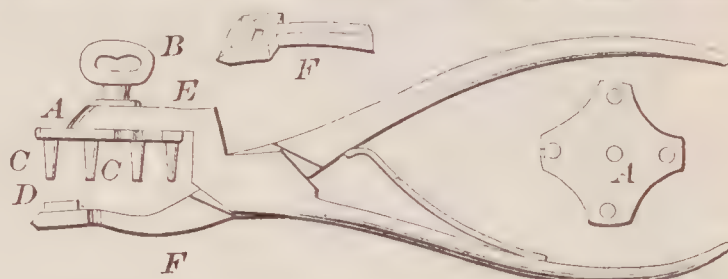
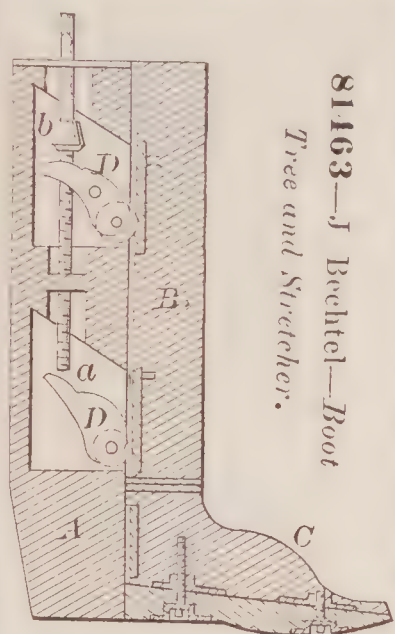
81461—T. Bardon—*Engravers' Plate.*



81464—A. Bedford—*For Cutting Holes in Cloth or Leather.*

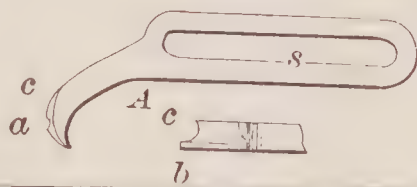


81463—J. Bechtel—*Boot Tree and Stretcher.*

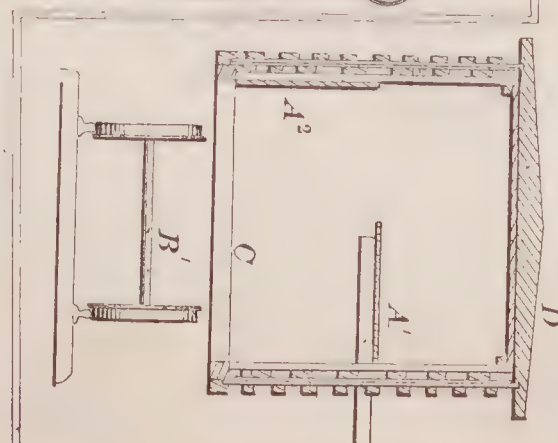
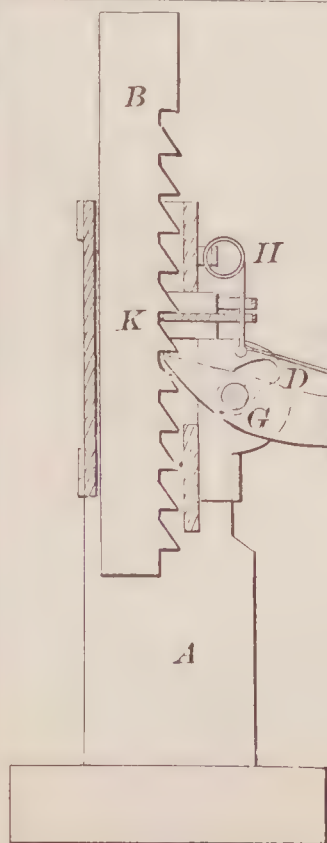


81465—A. Bedford—*Rotary Punch.*

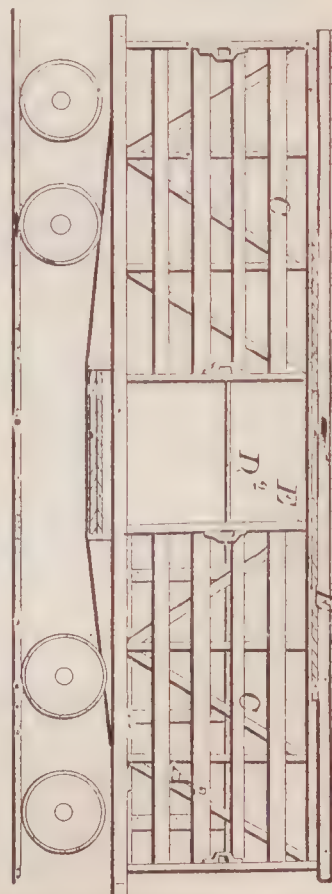
81466—Benedict & Tyler—*Sewing Machine Guide.*



81467—J. Bernheisel, Sr.—*Lever Jack.*

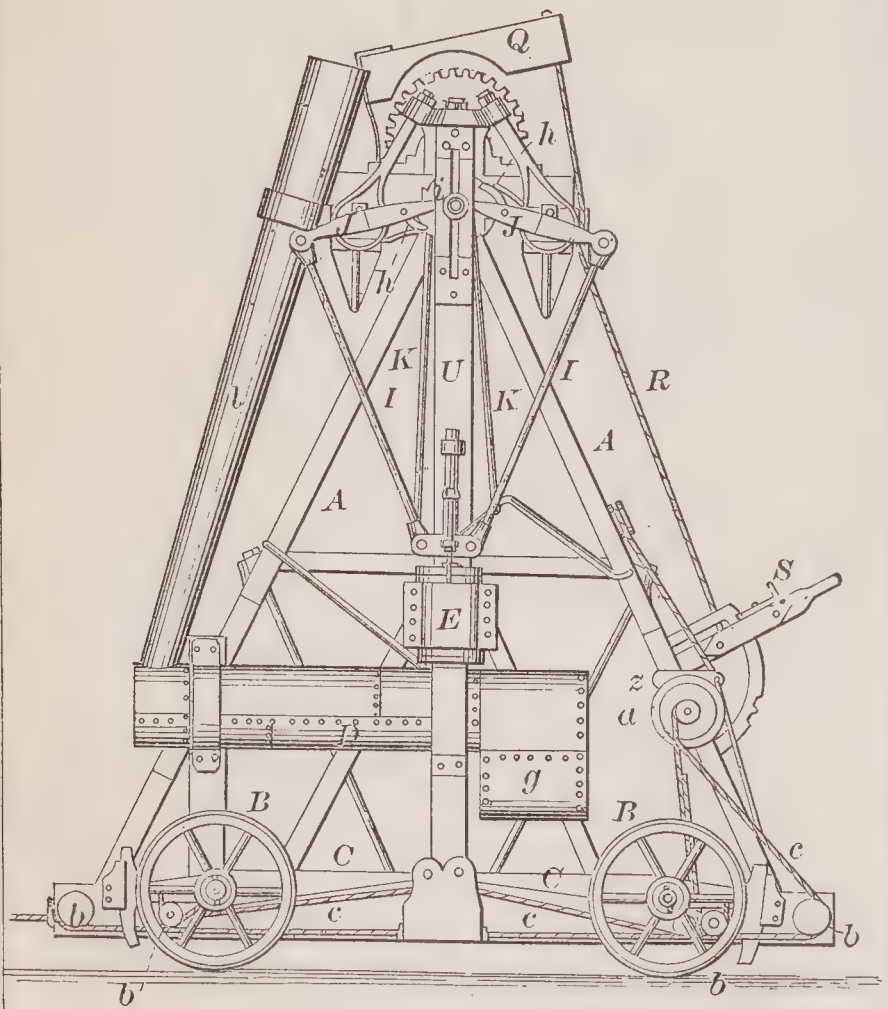
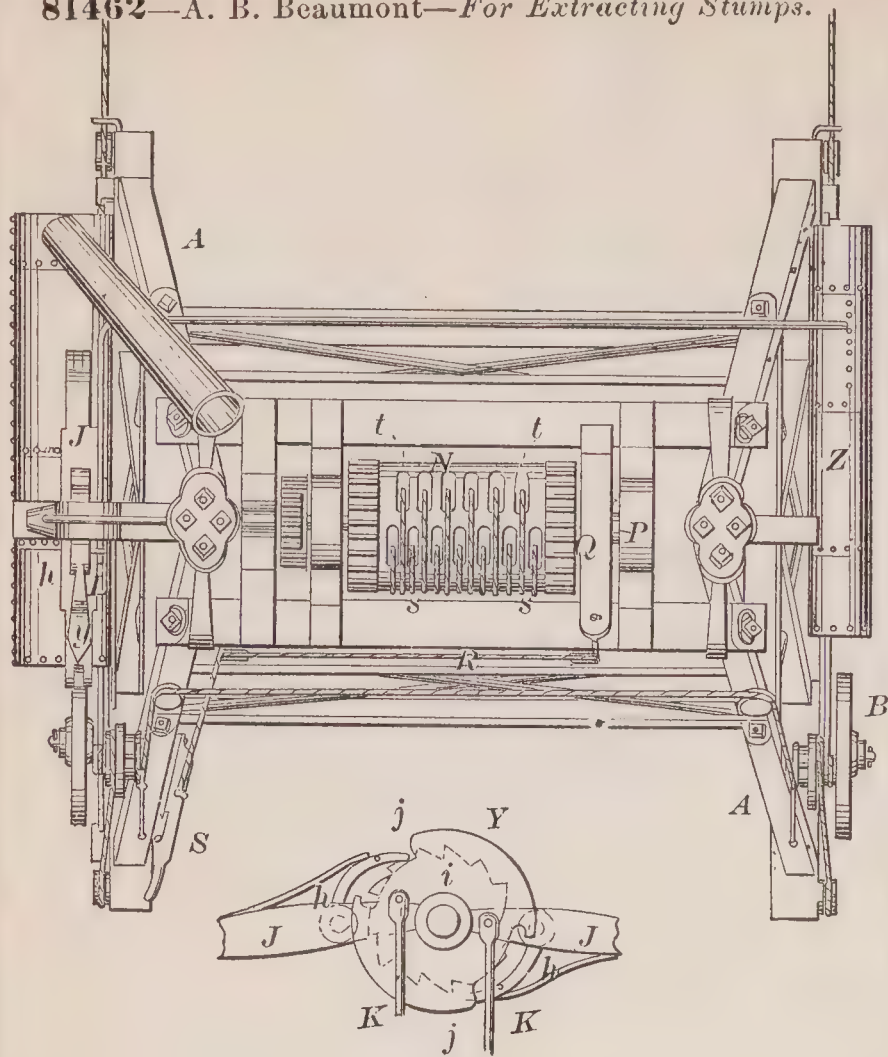


81468—G. B. Blanchard—*Railway Stock Car.*

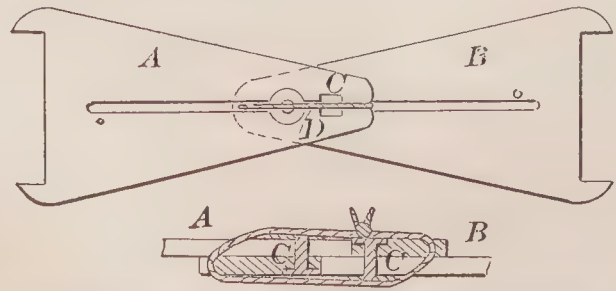




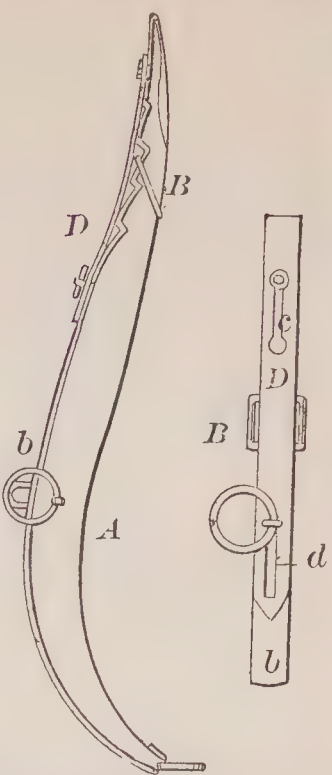
81462—A. B. Beaumont—*For Extracting Stumps.*



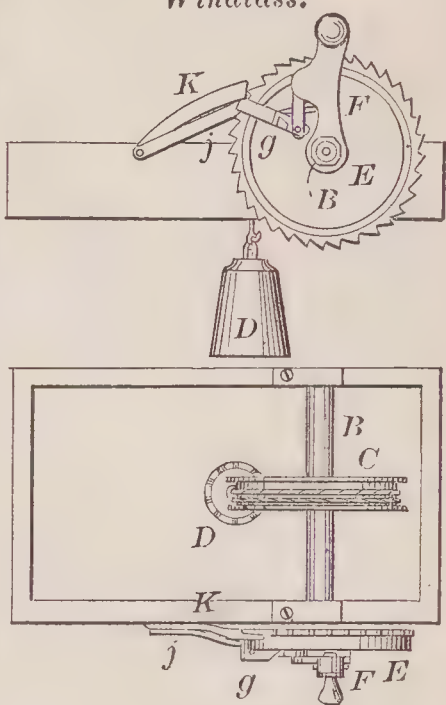
81471—T. F. Brown, Jr.—*Skein Holder.*



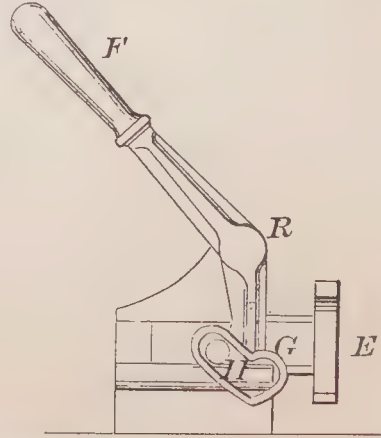
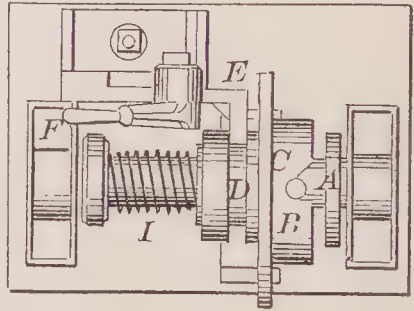
81469—T. G. Brooks—*Hames.*



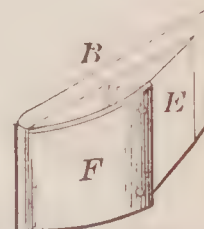
81470—N. B. Brown—*Windlass.*



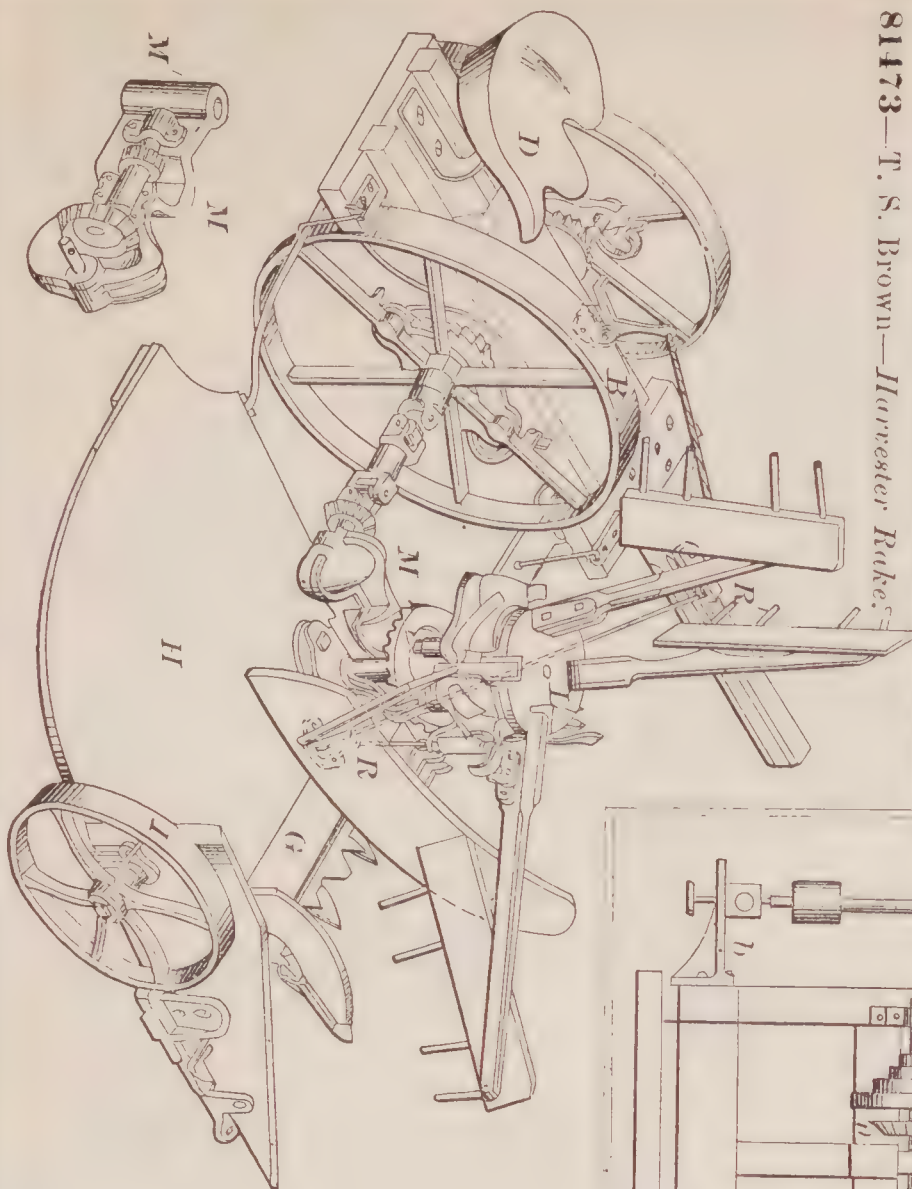
81472—T. S. Brown—*Harvester.*



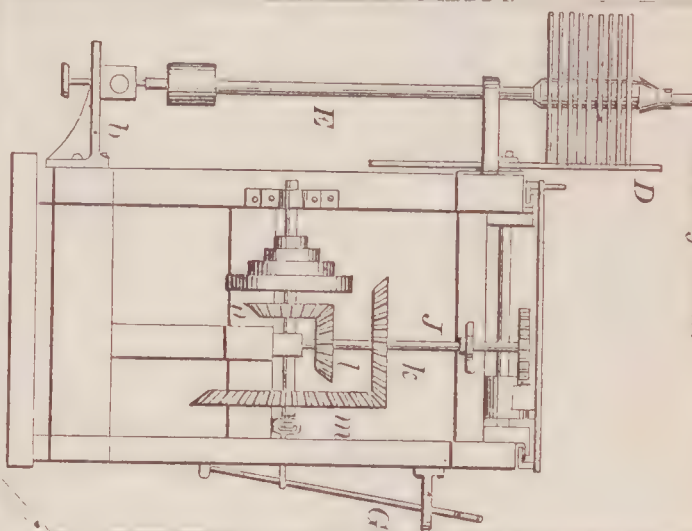
81474—Bryson & Hartsuff—  
Water Wheel Curb.



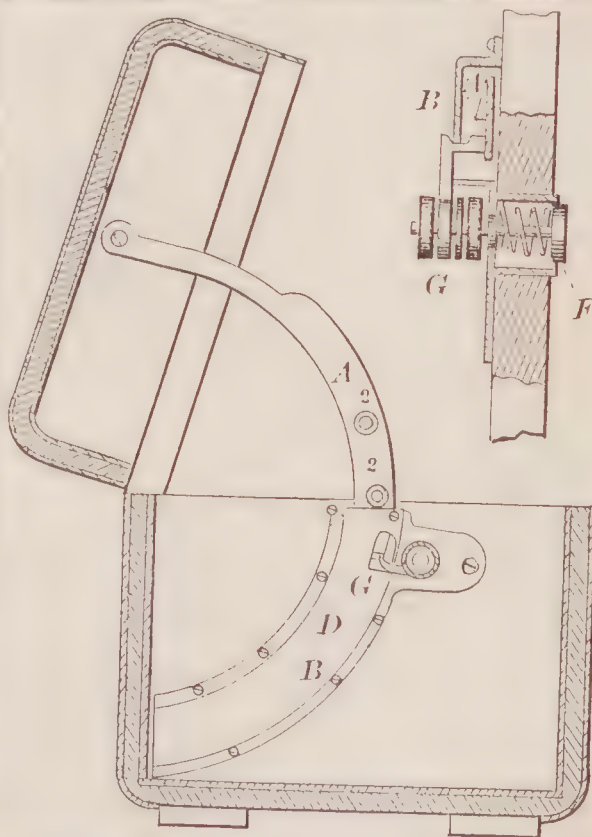
81473—T. S. Brown—Harvester Rake.



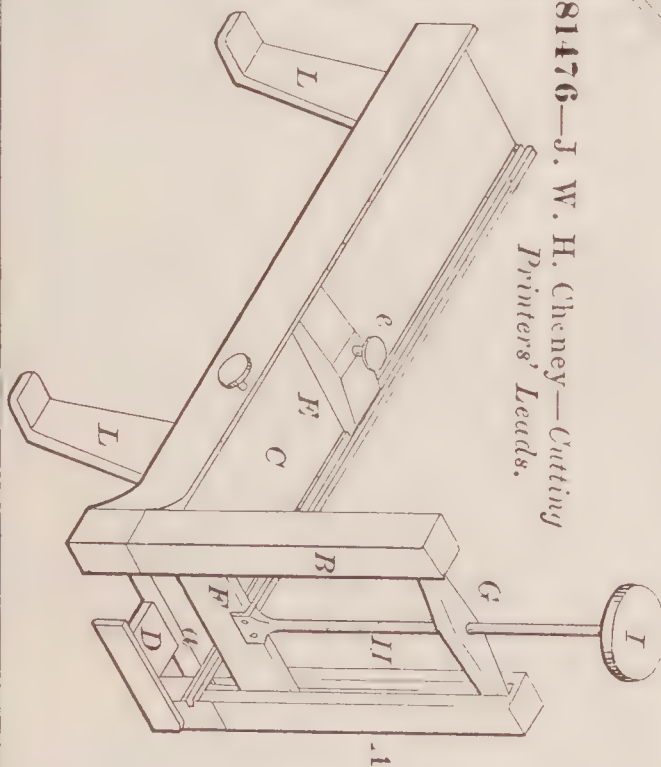
81475—W. G. Bulgin—For  
Sawing Lath.



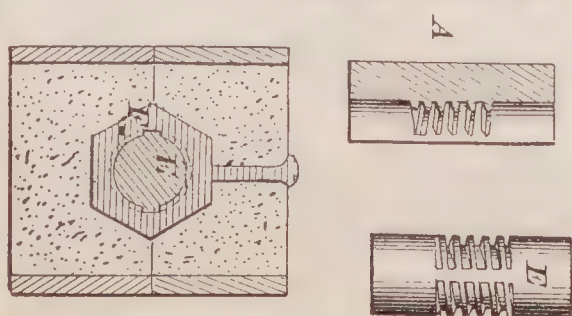
81477—P. Cohen—Trunk Lid Supporter.



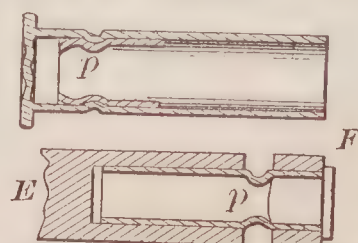
81476—J. W. H. Cheney—Cutting  
Printers' Leads.



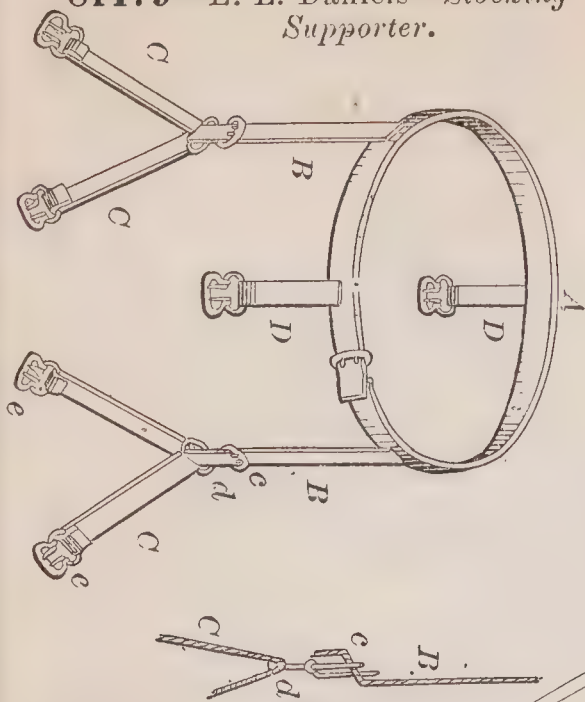
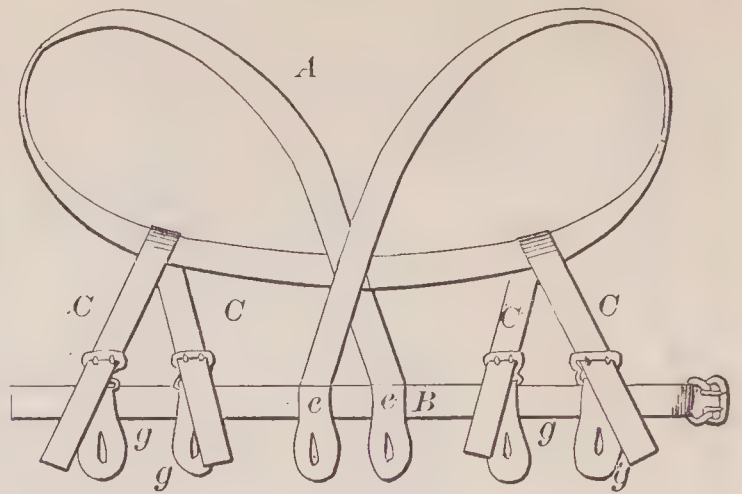
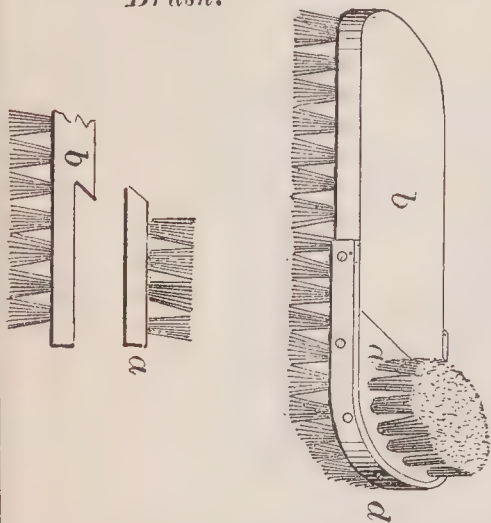
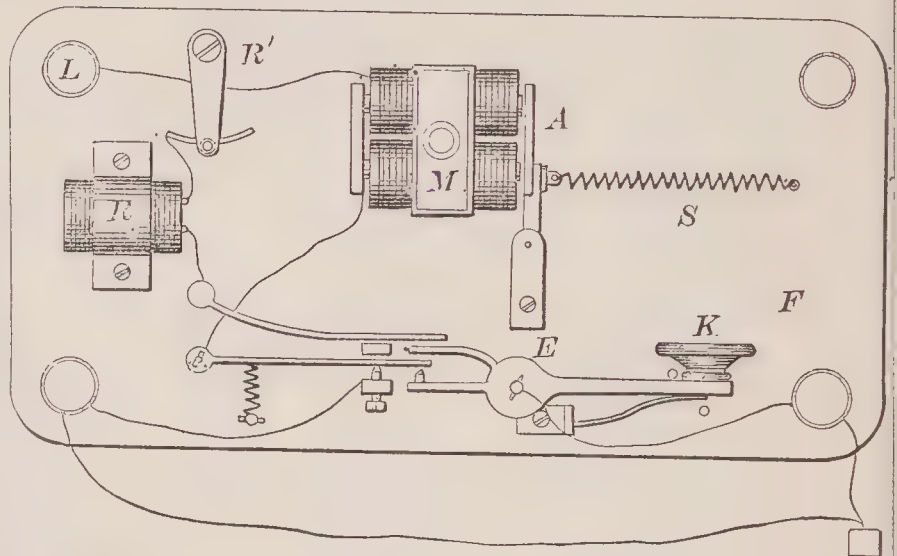
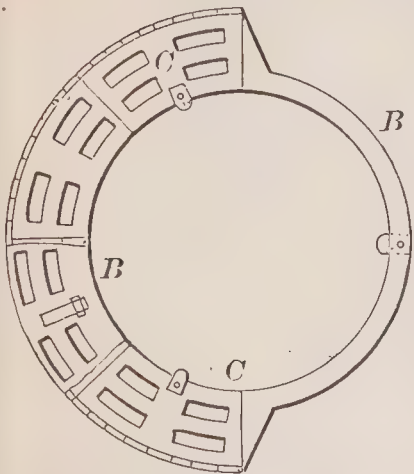
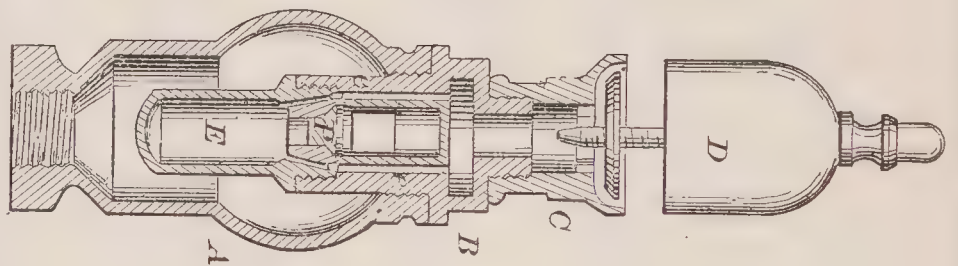
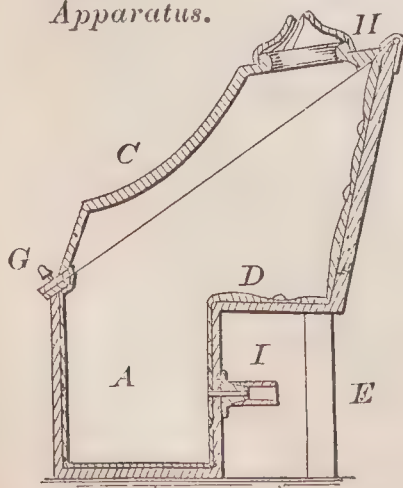
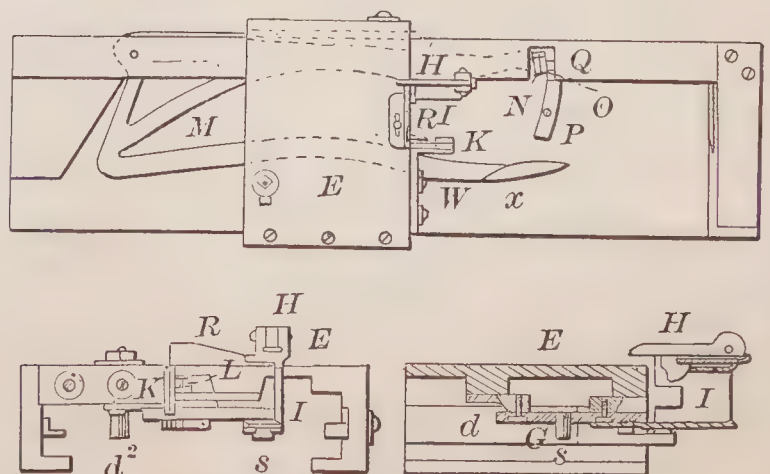
81480—G. P. Darrow—Cast Nut.

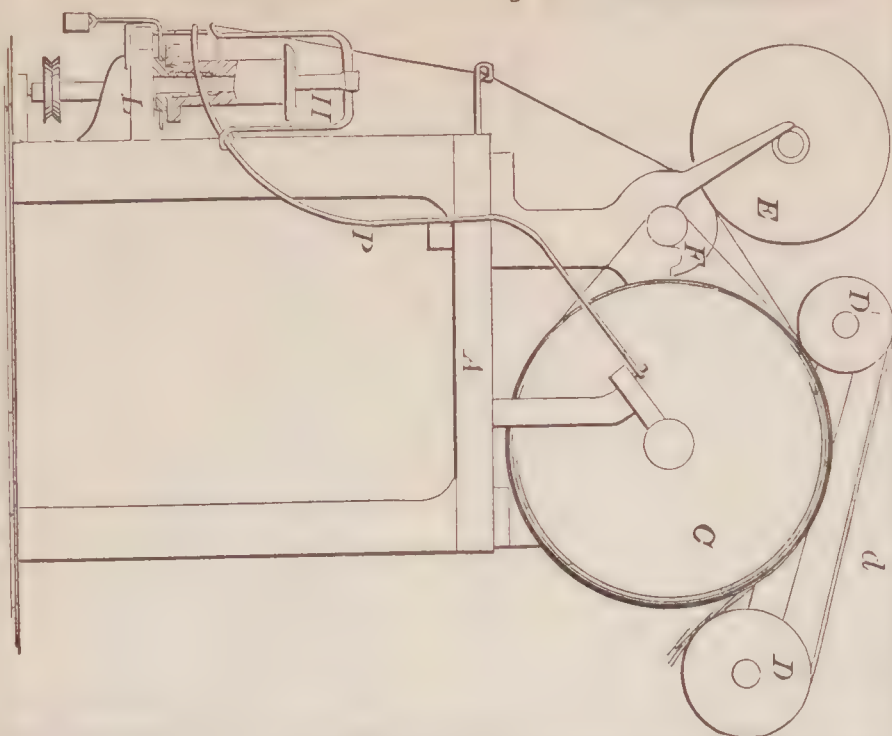


81478—J. F. Cranston—Cartridge Shell.

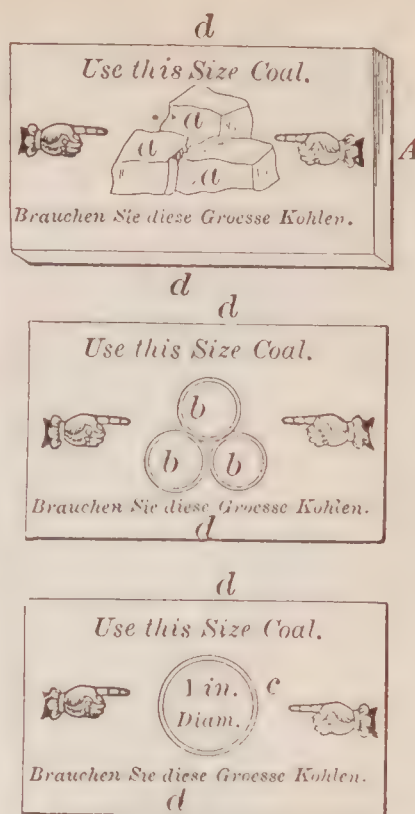




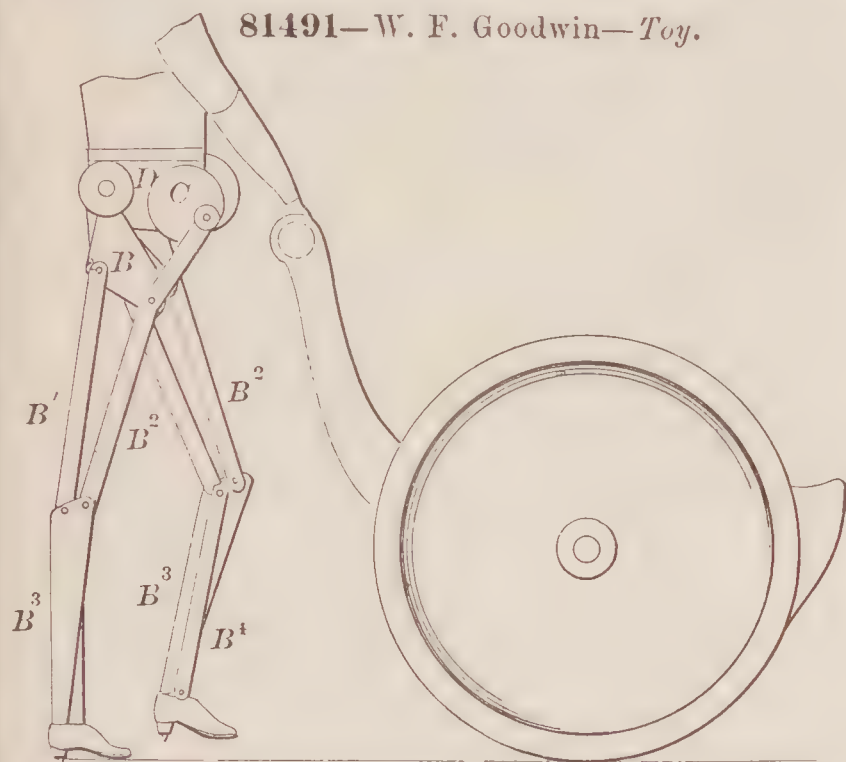
81479—E. L. Daniels—*Stocking Supporter.*81482—A. M. Eaton—*Shoulder Brace and Suspender.*81481—C. D. Day—*Blacking Brush.*81485—M. G. Farmer—*Magnetic Telegraph.*81484—J. Fahrney—*Coal Stove.*81483—Eiswald & Barbour—*Low Water Indicator.*81488—T. Travel—*Vacuum Apparatus.*81487—L. Ferguson—*Loom for Weaving Pile Fabrics.*

81489—J. B. Fuller—*Drawing Fibrous Substances.*

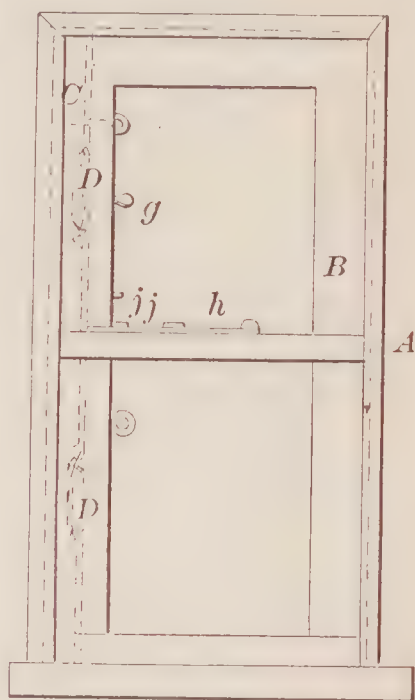
81490—J. Gibson, Jr.—*Fuel Size Indicator.*



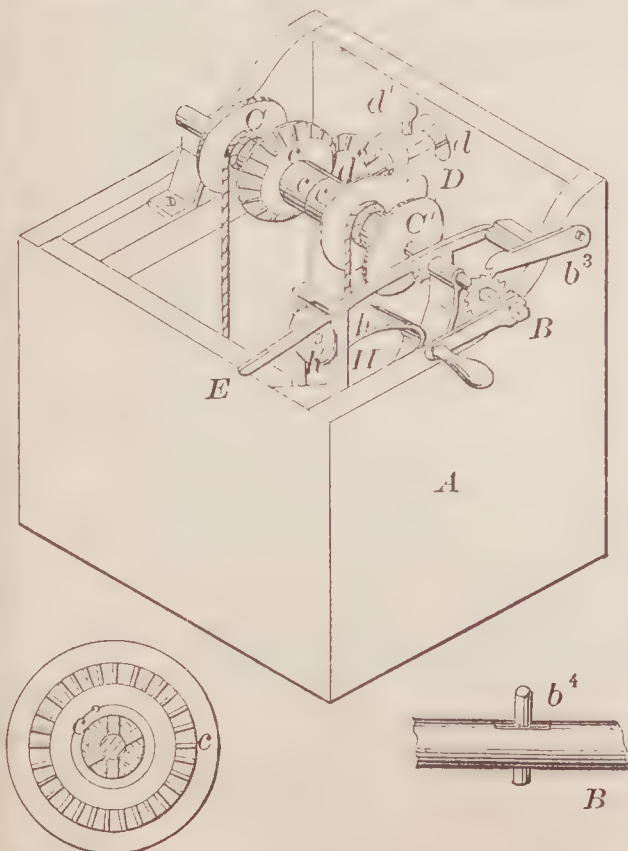
81491—W. F. Goodwin—*Toy.*



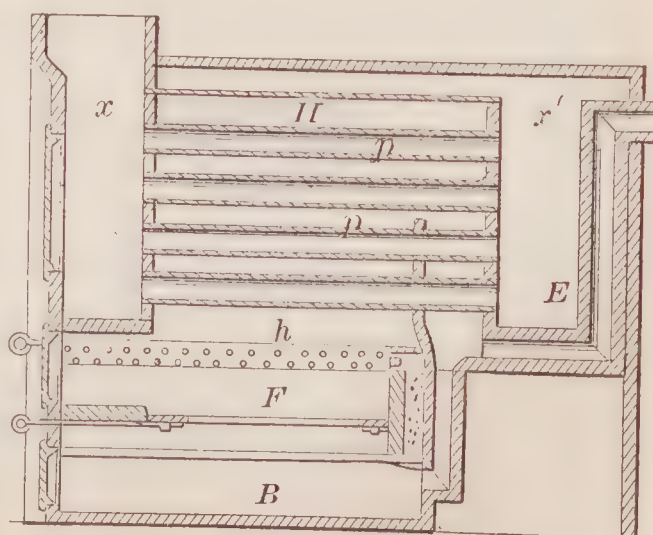
81493—II. Gross—Window Sash.



81-494—J. Gruy—*Water Elevator.*

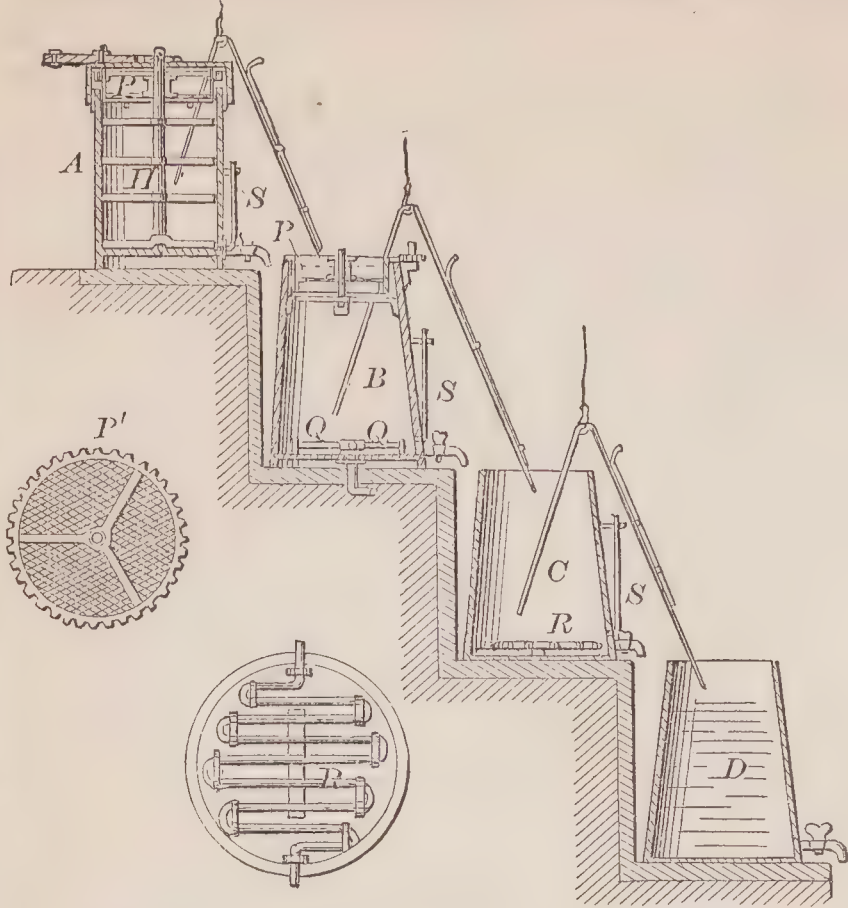


81492—C. B. Gregory—*Hot Air Furnace.*

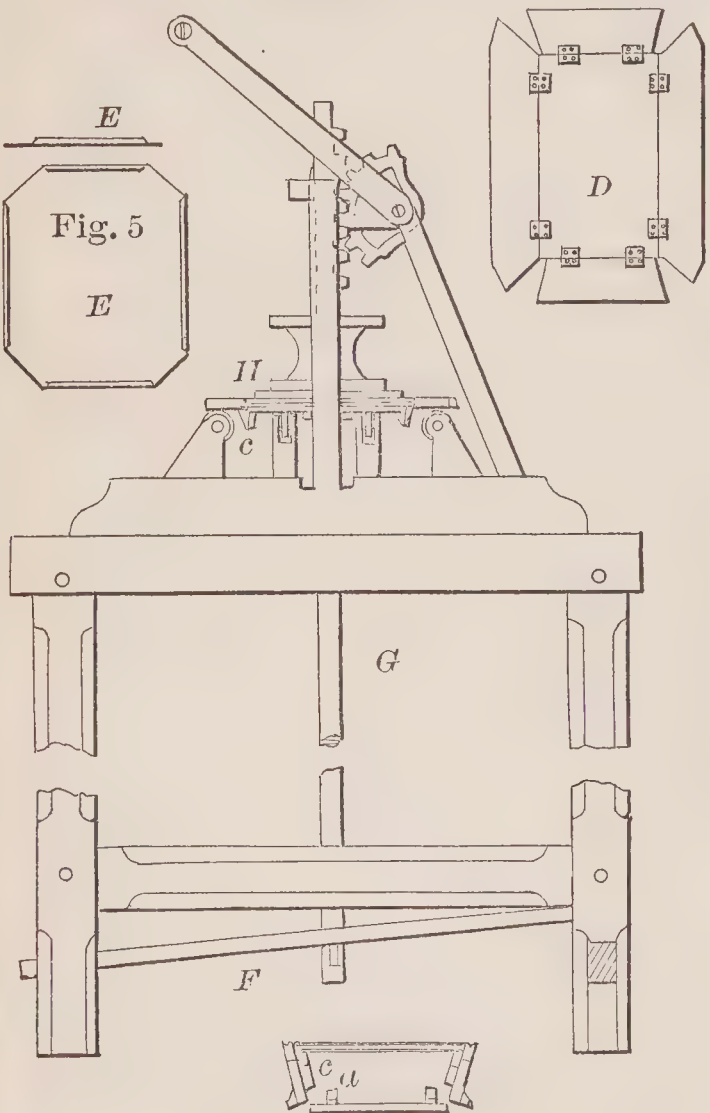
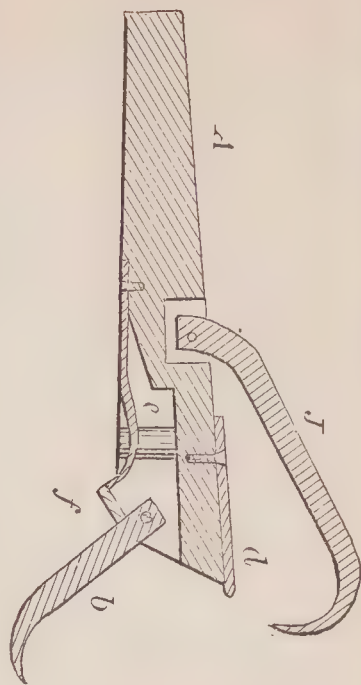




81496—Gwynn & Clark—*For the Purification of Oil.*

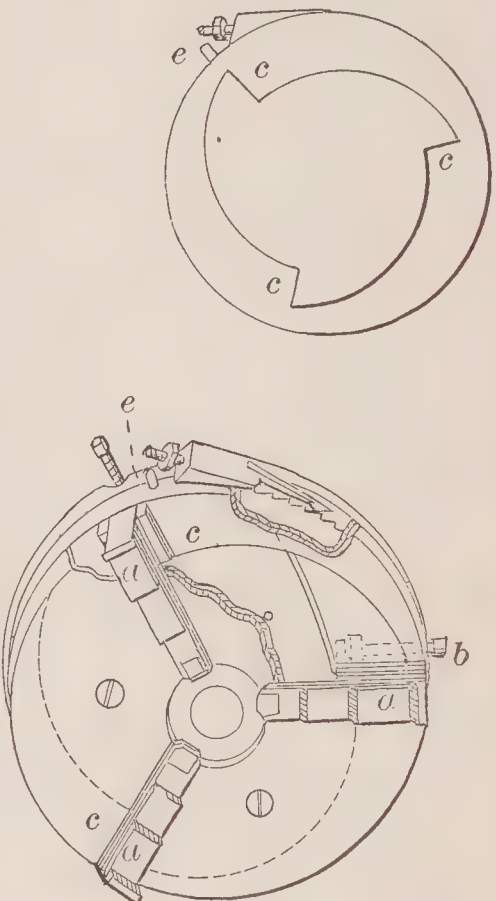


81497—H. H. Hall—*Box Opener.*

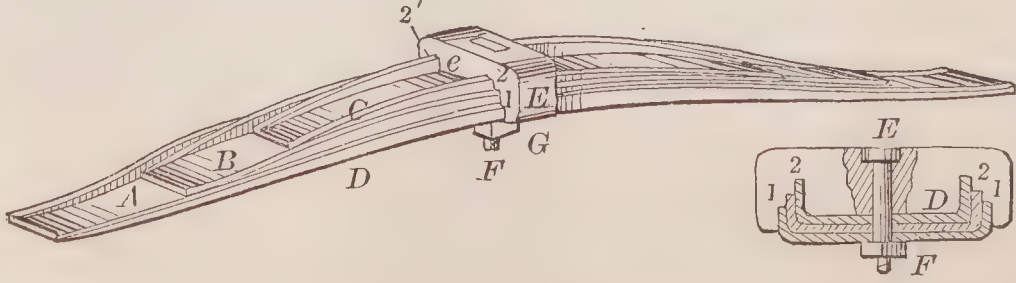


81498—W. Hamilton—*Pan Folding Machine.*

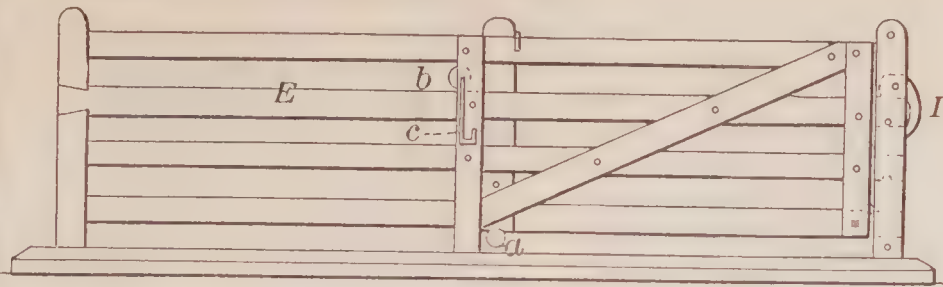
81500—B. Haviland—*Chuck.*



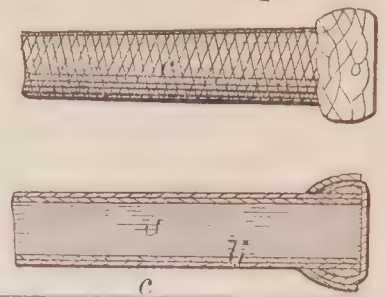
81499—Harris & Elliot—*Car Spring.*



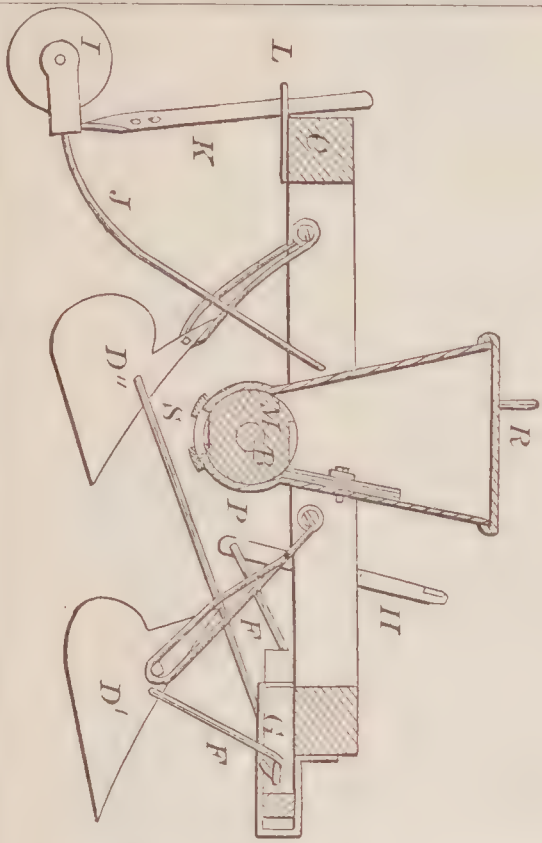
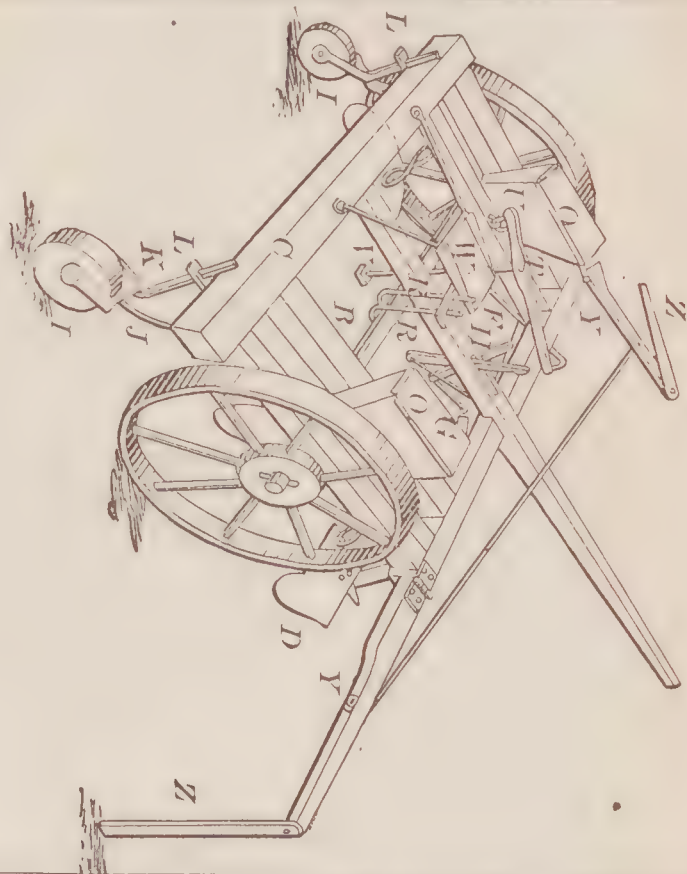
81501—H. A. Henderson—*Gate.*



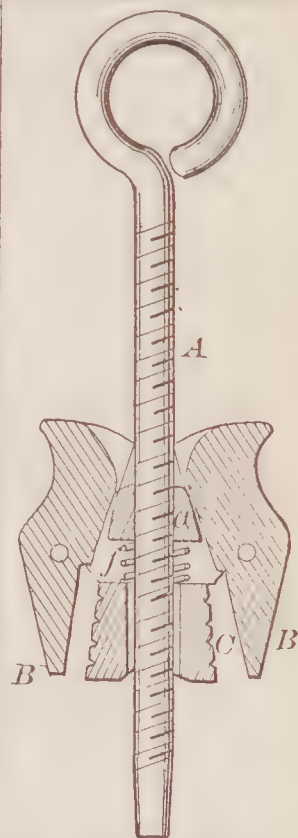
81507—L. Hull—*India Rubber Whip.*



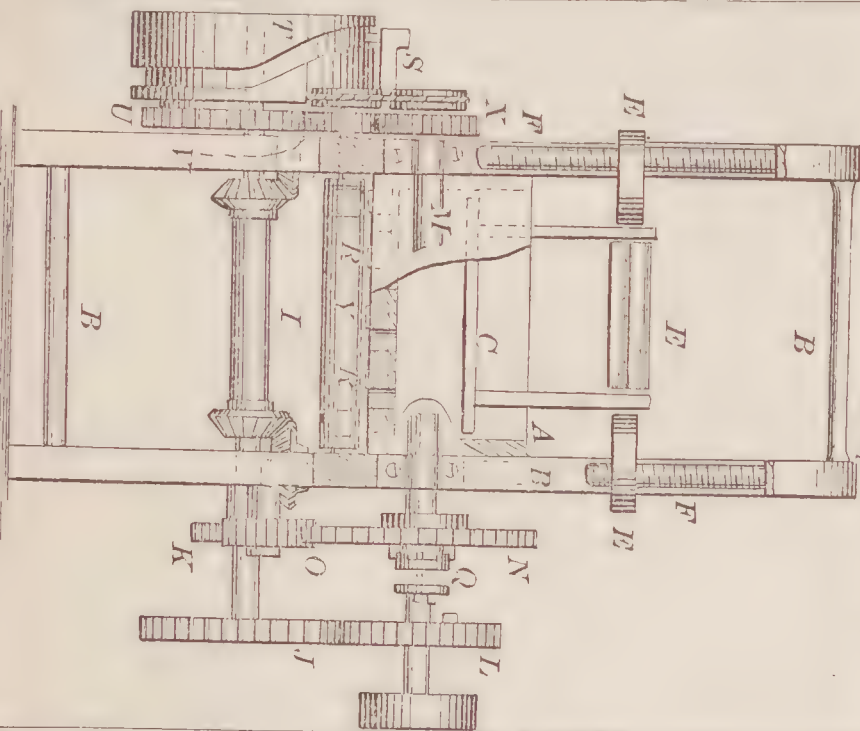
81502—Herrington & Richards—*Corn Planter.*



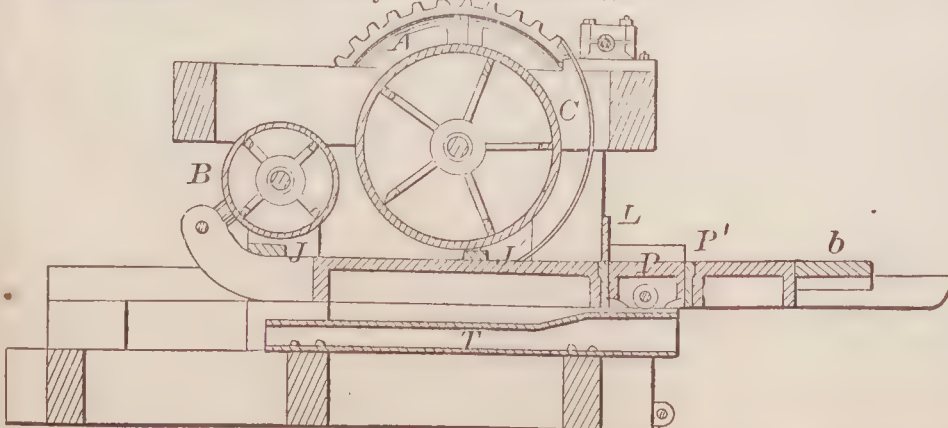
81503—L. Hill—*Crimping Clamp.*



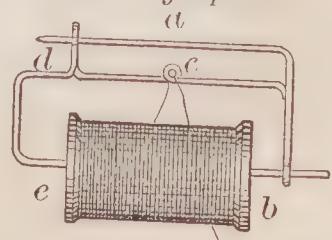
81505—D. M. Holmes—*For Making Ginger Snaps.*



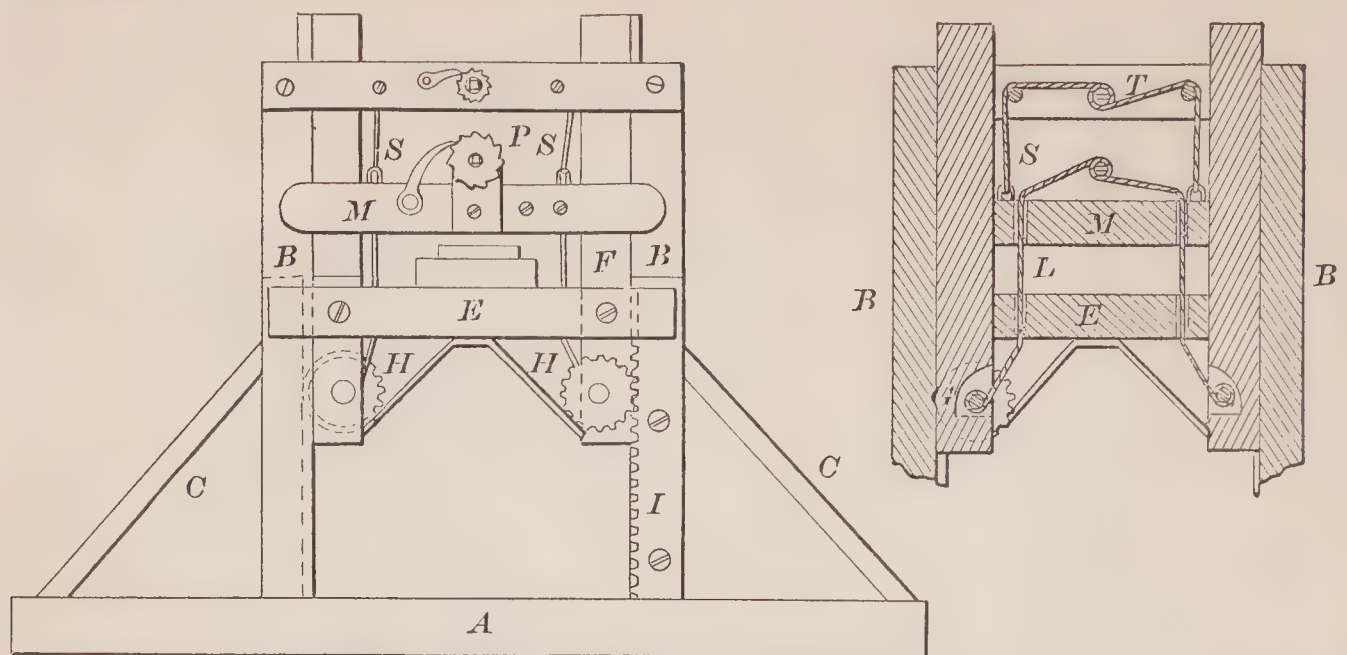
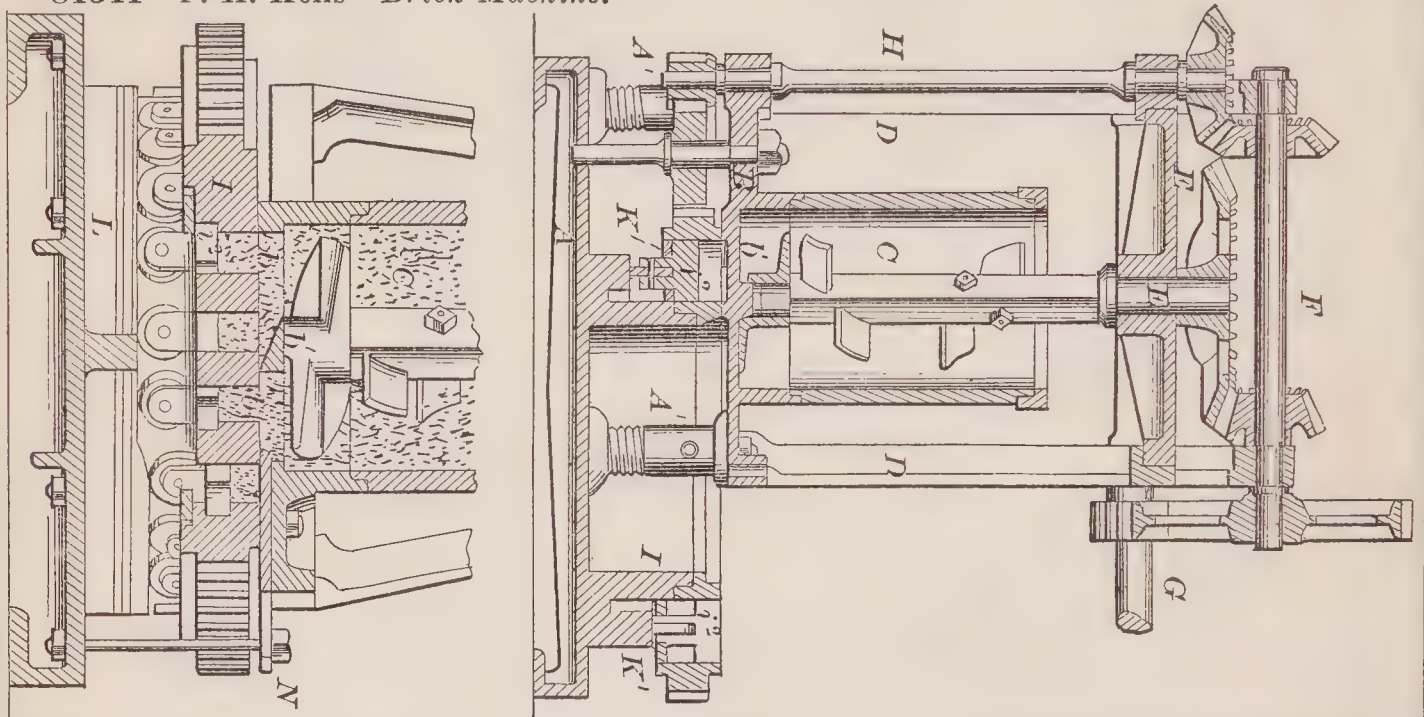
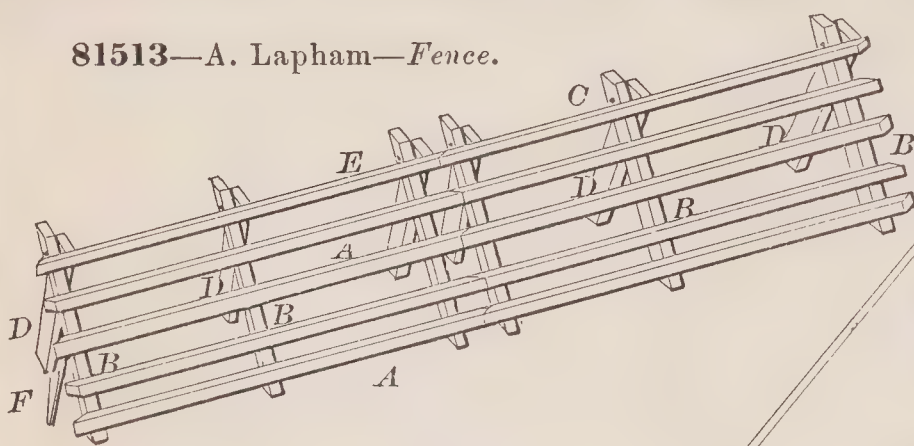
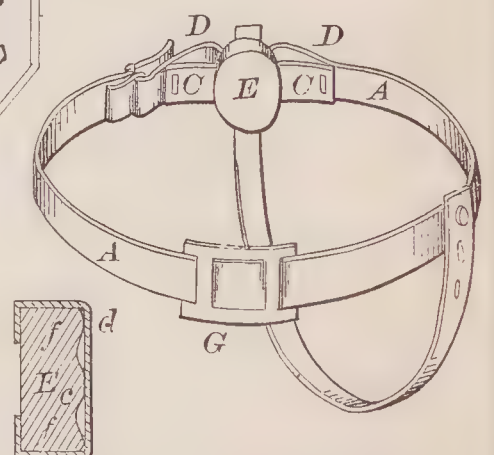
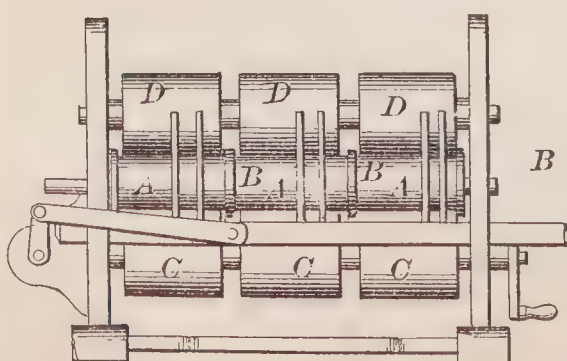
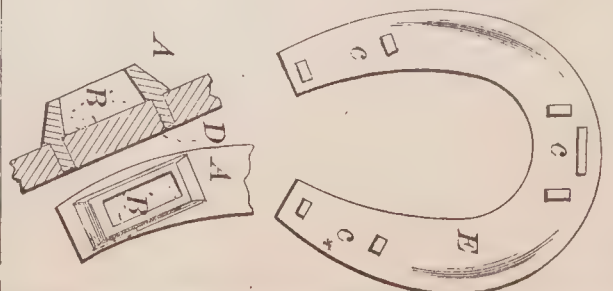
81506—W. H. Hovey—*Brick Machine.*



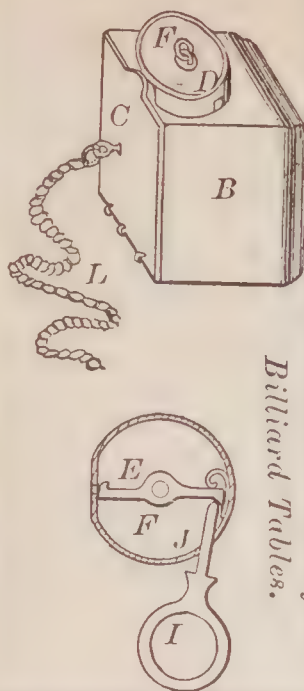
81504—L. F. Hobbs—*For Holding Spools.*



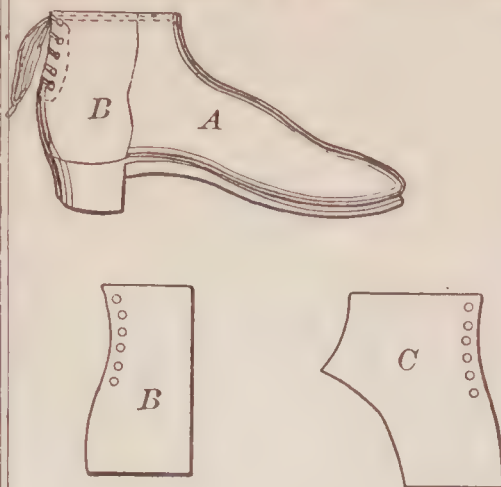


81509—S. Y. Ives—*Cheese Press*.81511—P. H. Kells—*Brick Machine*.81513—A. Lapham—*Fence*.81510—A. F. Jennings—*Abdominal Supporter*.81514—W. & J. Leach—*Winding Frame for Carding Engines*.81512—A. E. Kroger—*Horse Shoe*.

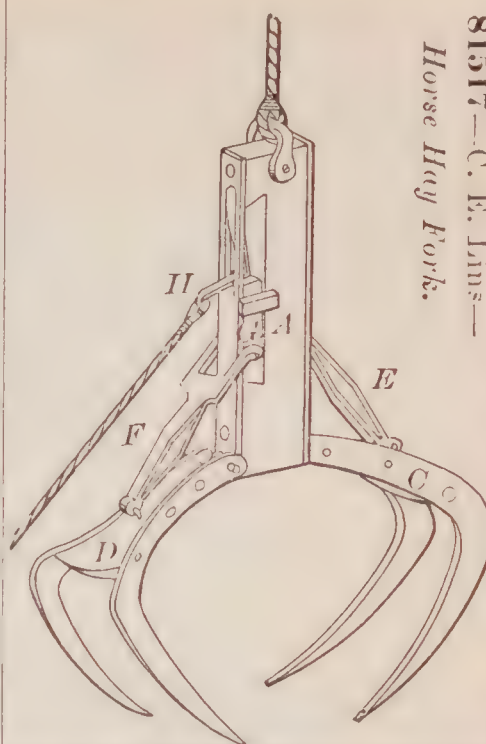
81515—Leonard & Perkins—*Chalk Holder for Billiard Tables.*



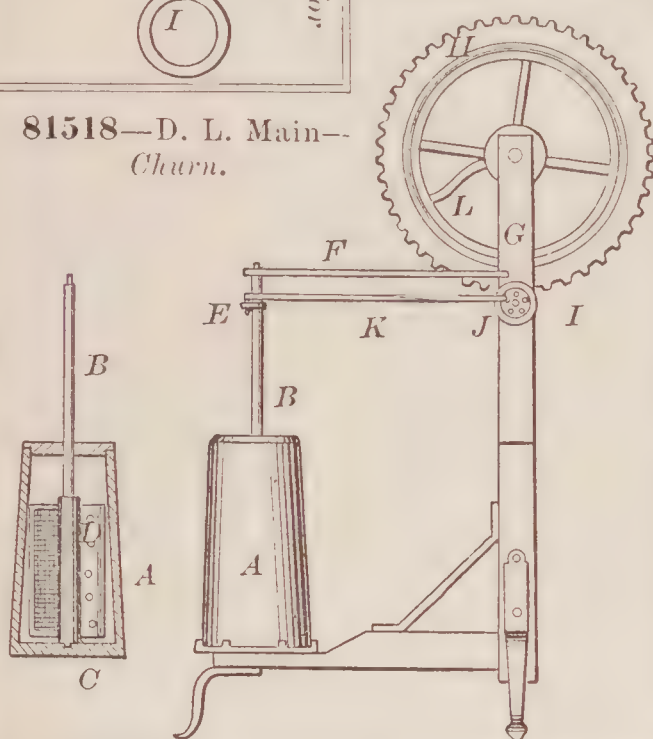
81516—Lester & Cardwell—*Shoe.*



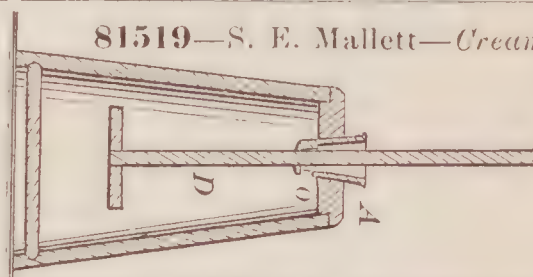
81517—C. E. Jims—*Horse Hay Fork.*



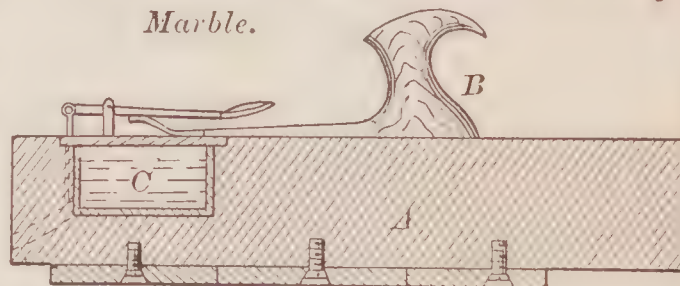
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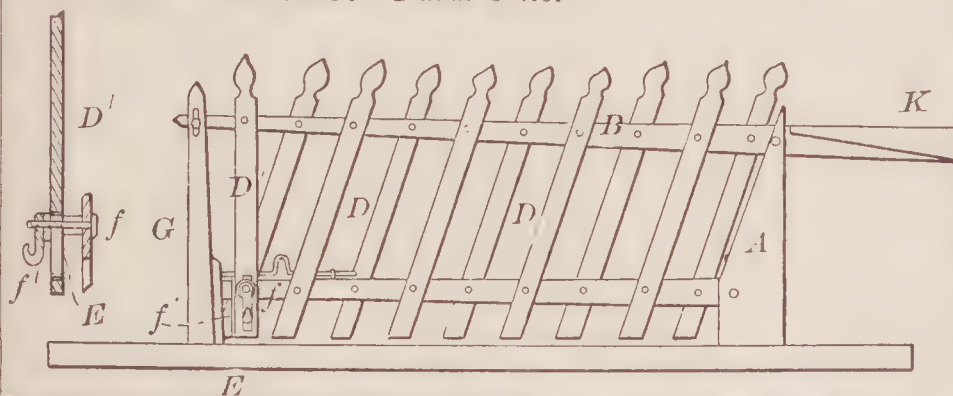
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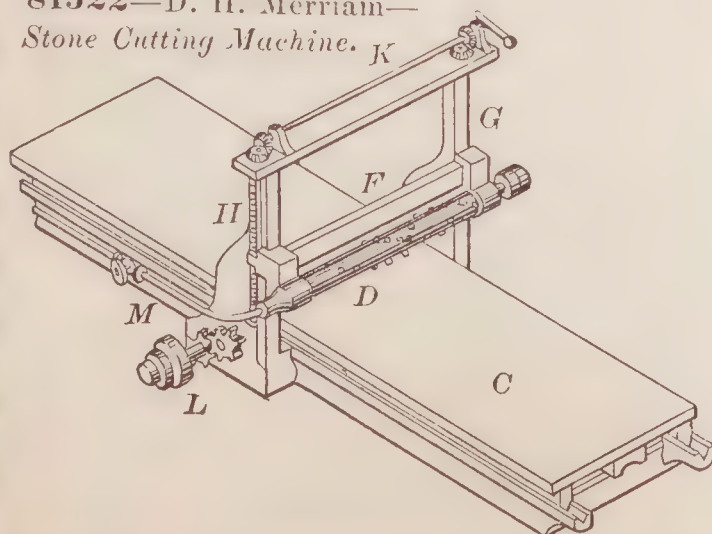
81520—J. C. McAfee—*For Polishing Marble.*



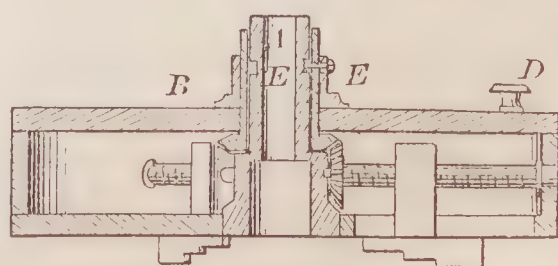
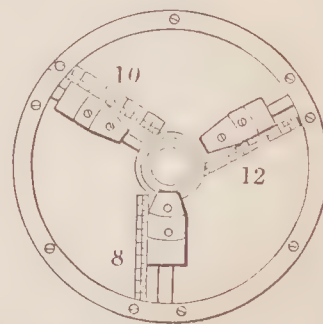
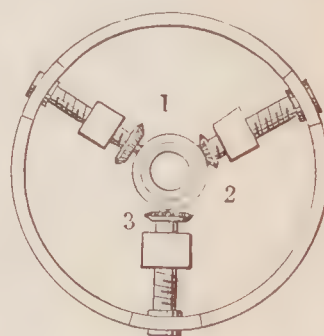
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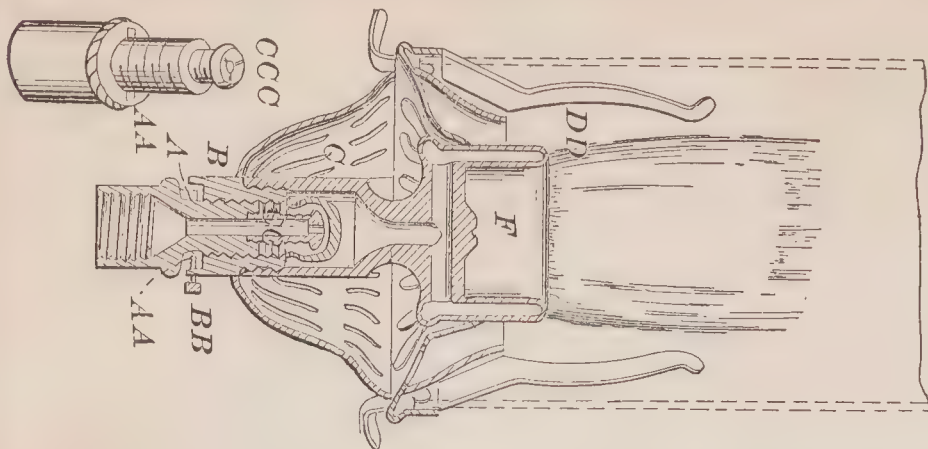
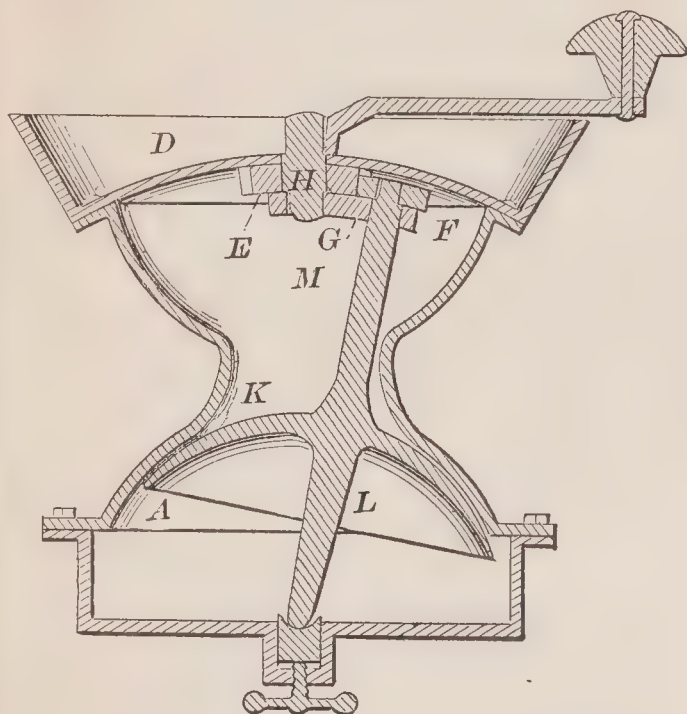
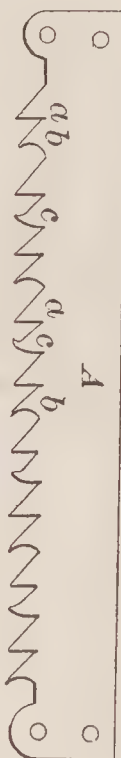
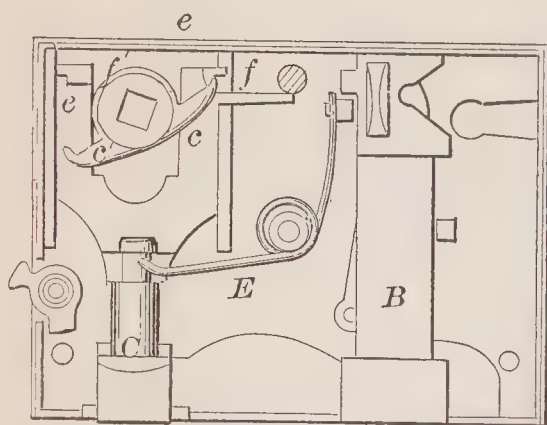
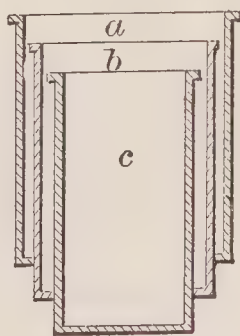
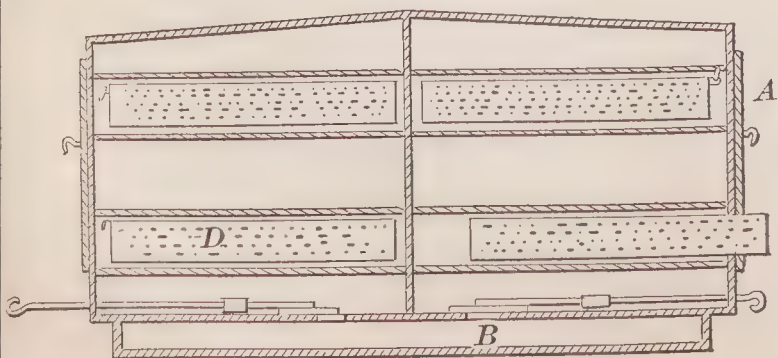
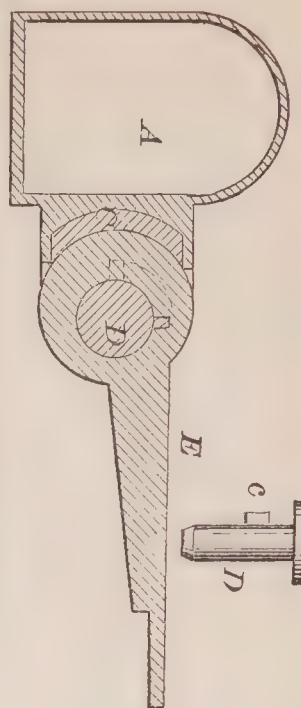
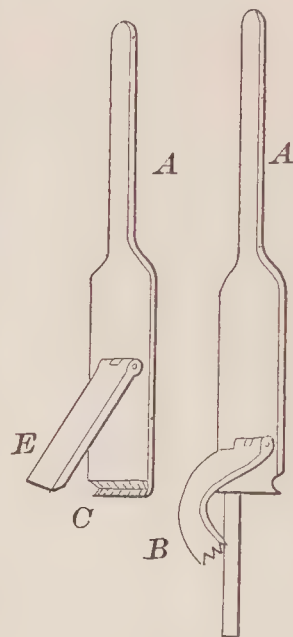
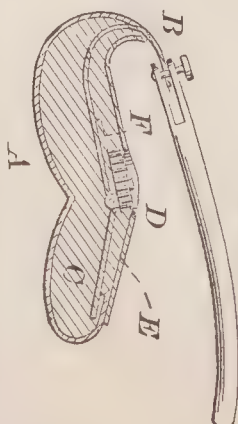
81522—D. H. Merriam—*Stone Cutting Machine.*



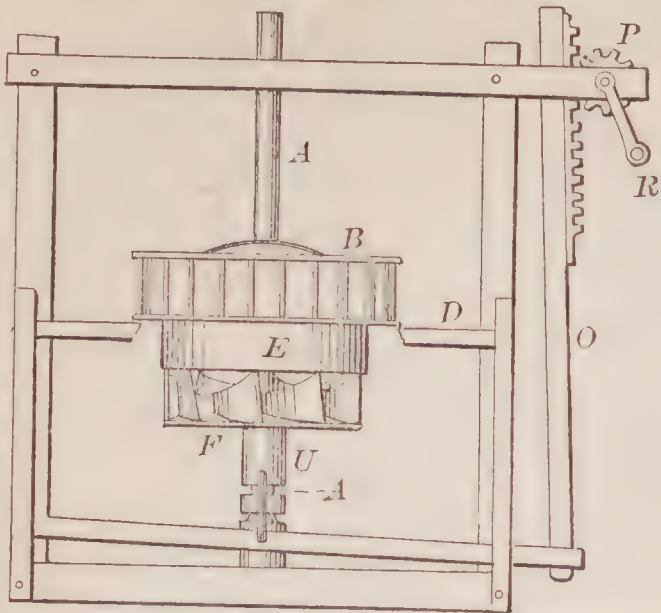
81523—J. S. Moody—*Lathe Chuck.*



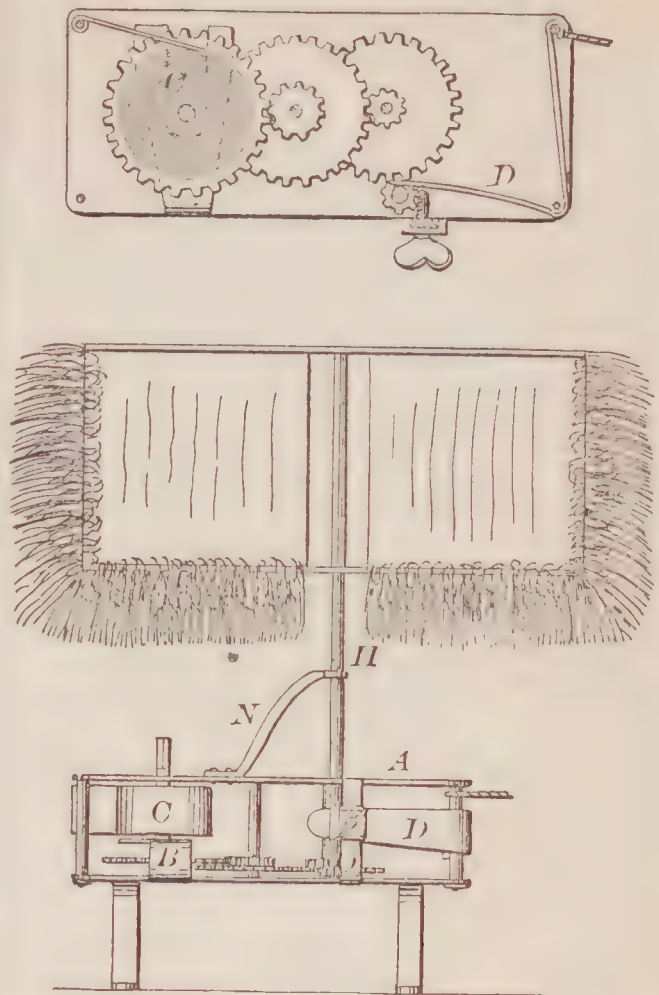


81524—G. Mooney—*Gas Burner.*81526—J. A. Montgomery—*Grinding Mill.*81525—G. B. Montgomery—*Saw.*81529—W. A. C. Oaks—*Reversible Knob Latch.*81532—C. W. Perry—*Well Curbing.*81534—H. Poole—*Culinary Vessel.*81527—Morrison & Ross—*Thill Coupling.*81531—G. B. Perkins—*Floor Clamp.*81530—T. M. Patterson—*Tool Extractor for Wells.*81533—W. Pomerooy—*Hernia Pad.*

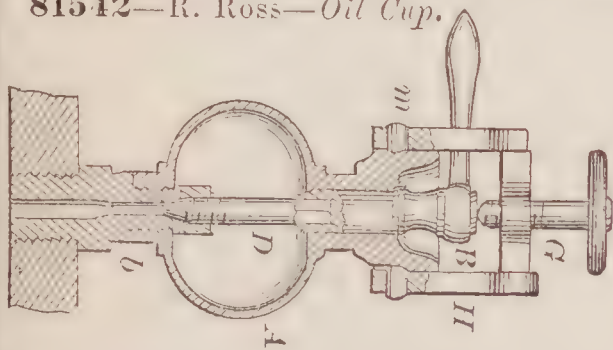
81535—F. Post—*Water Wheel.*



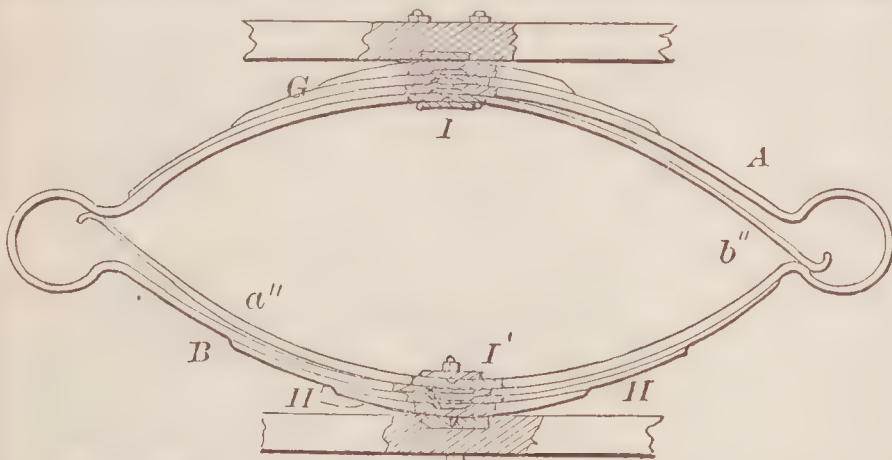
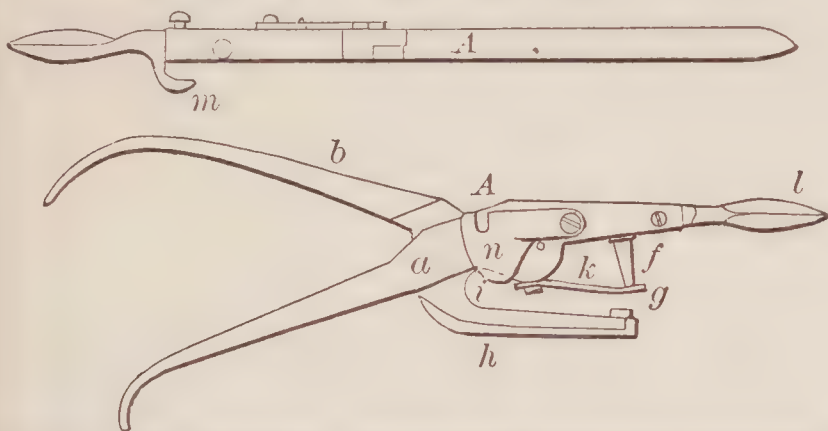
81539—J. H. Reynerson—*Rotating Fan.*



81542—R. Ross—*Oil Cup.*

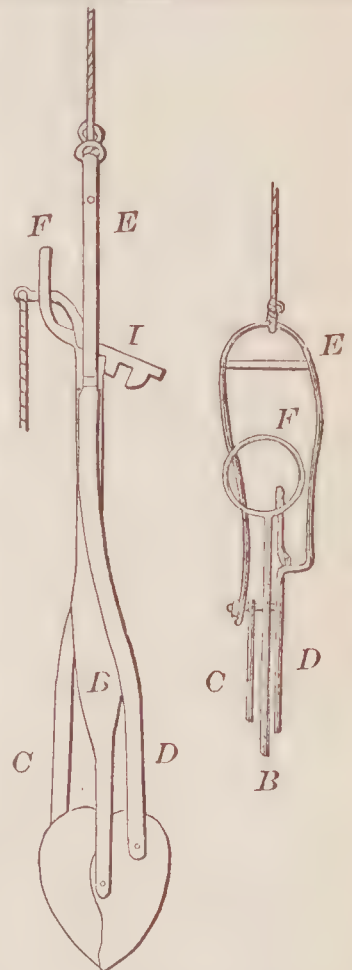


81537—Priest & Earl—*Belt Lacer.*

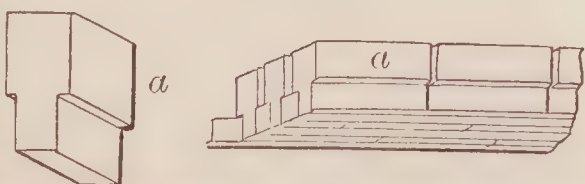


81536—H. A. V. Post—*Spring.*

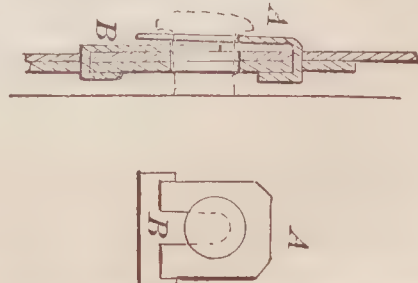
81541—G. M. Robinson—*Hay Fork.*



81540—W. D. Richardson—*Wooden Pavement.*

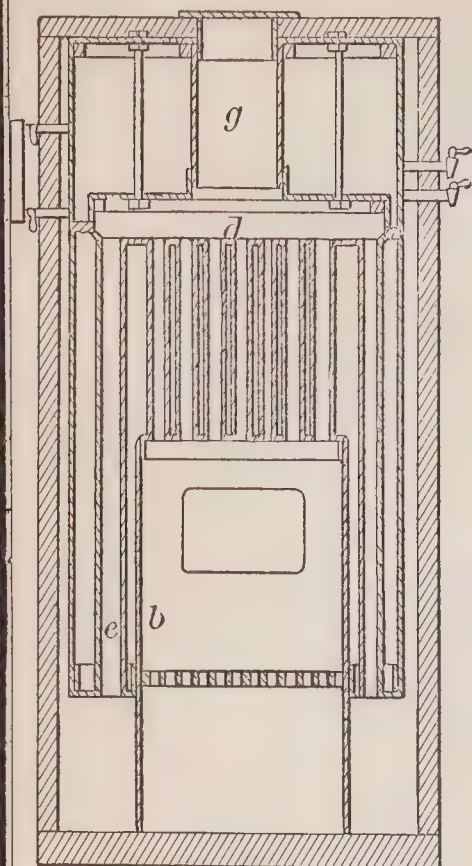


81538—W. G. Queal—*Button Hole Shield.*

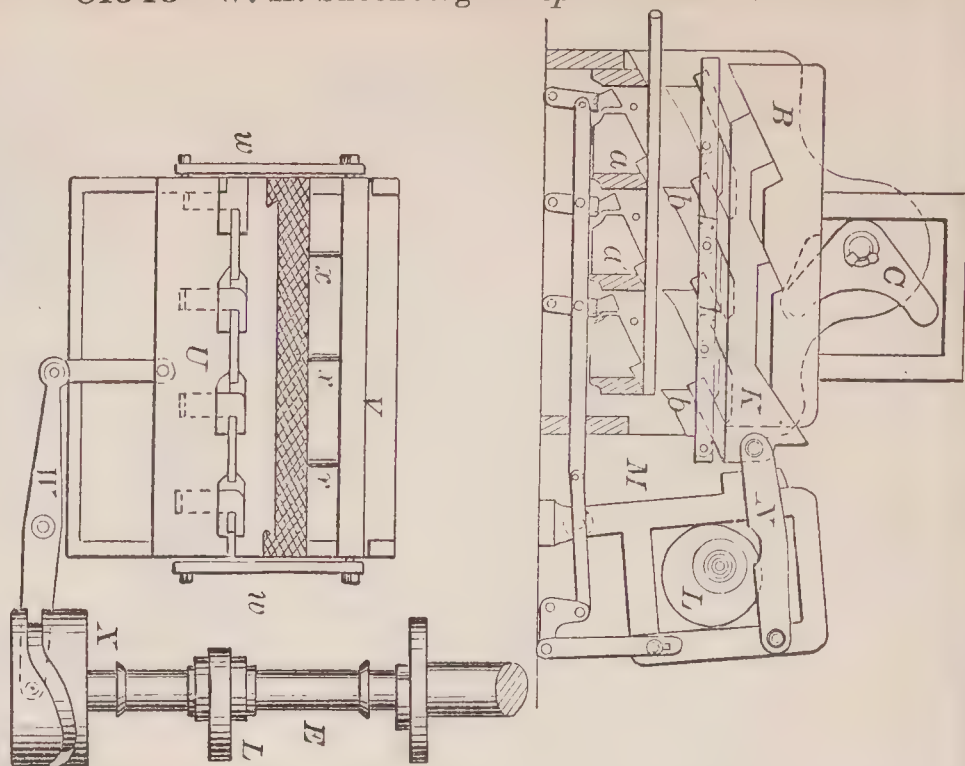




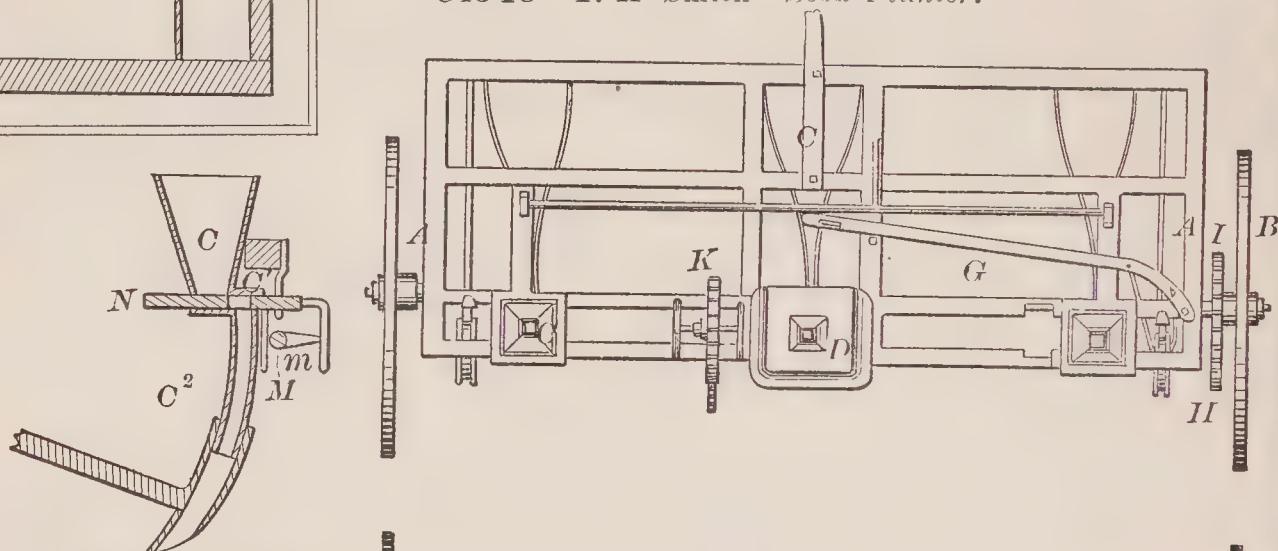
81543—J. Q. A. Sargent—*Steam Generator.*



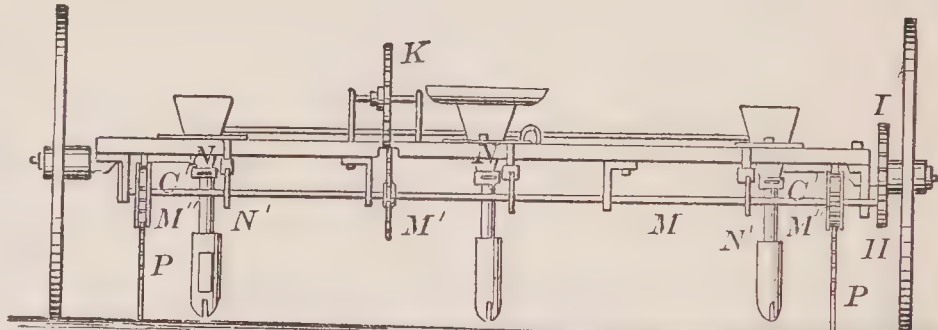
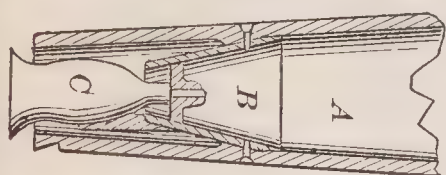
81546—W. H. Shoenberger—*Spike Machine.*



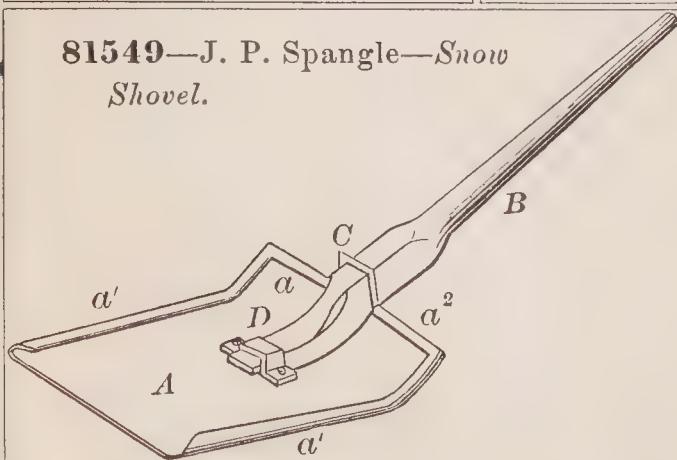
81548—T. H. Smith—*Seed Planter.*



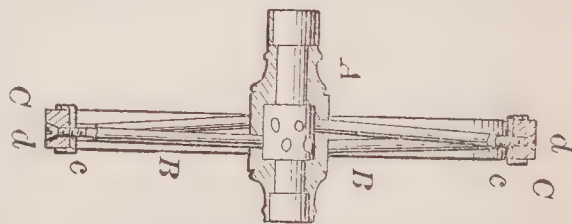
81547—J. H. Shreiner—*Grain Drill.*



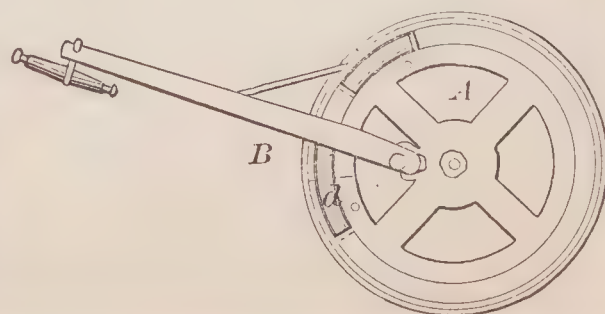
81549—J. P. Spangle—*Snow Shovel.*



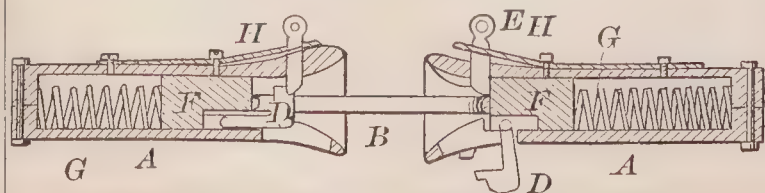
81545—J. T. Shimer—*Carriage Wheel.*



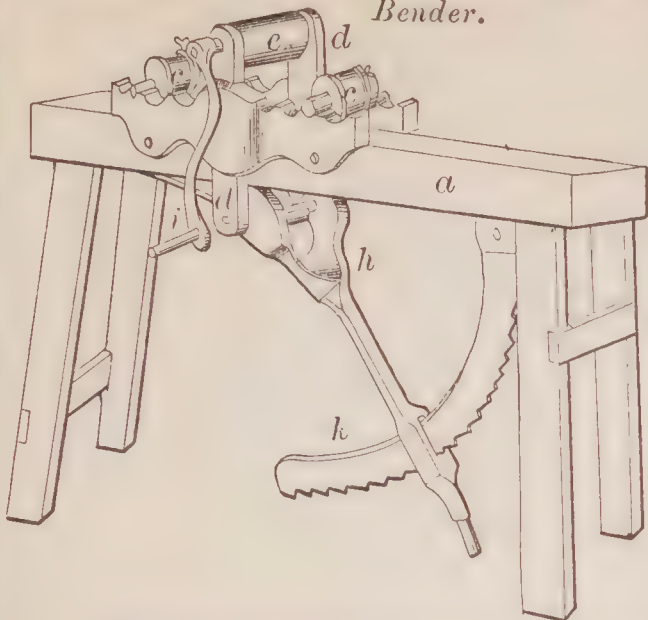
81544—H. Shaw—*Connecting Draft Lever to Horse Power Machines.*



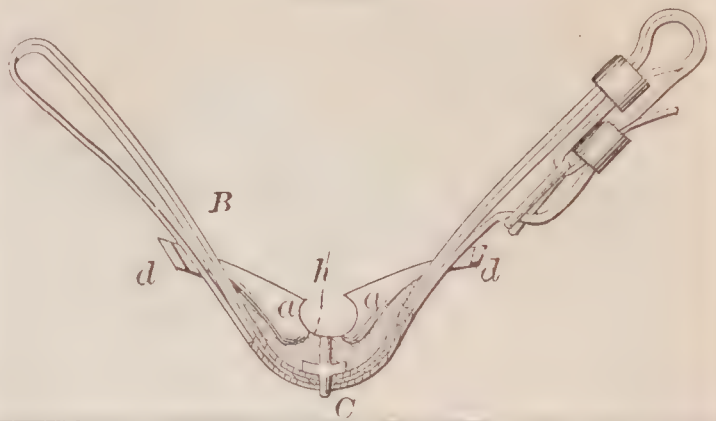
81551—H. B. Steele—*Car Coupling.*



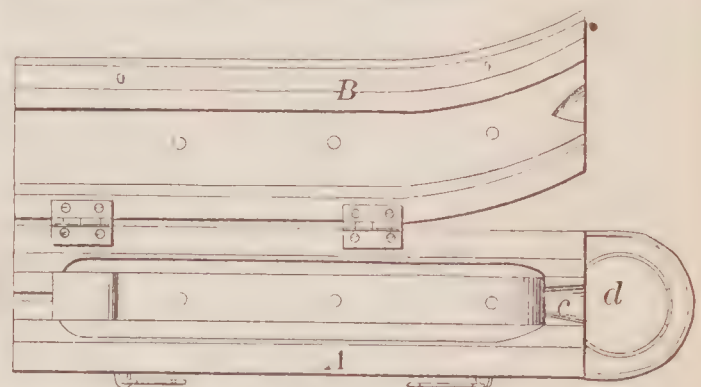
81550—T. M. & A. F. Stansbury—*Tire Bender.*



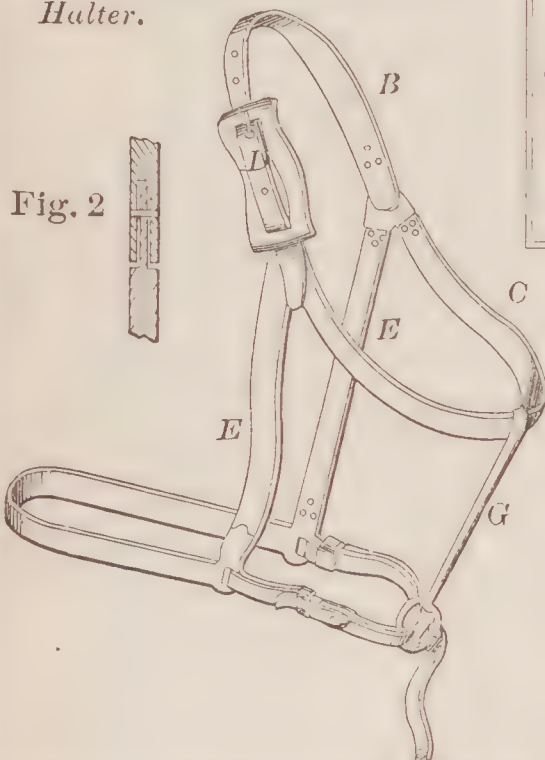
81553—Stevens & Garrison—*Breast Strap Slide.*



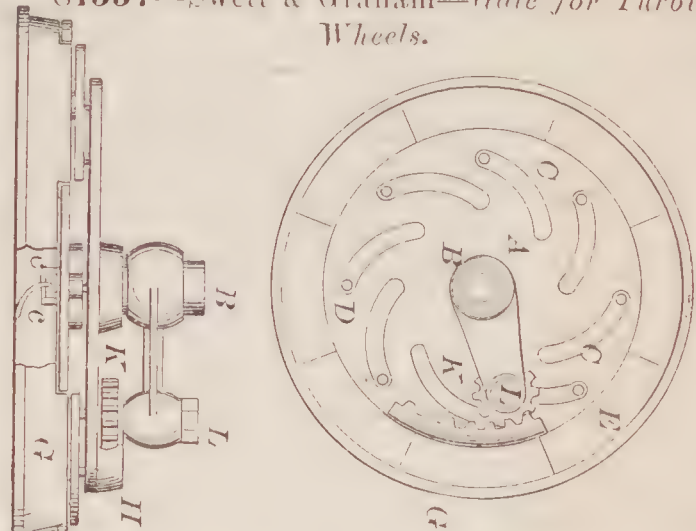
81554—C. Shore—*Moulds.*



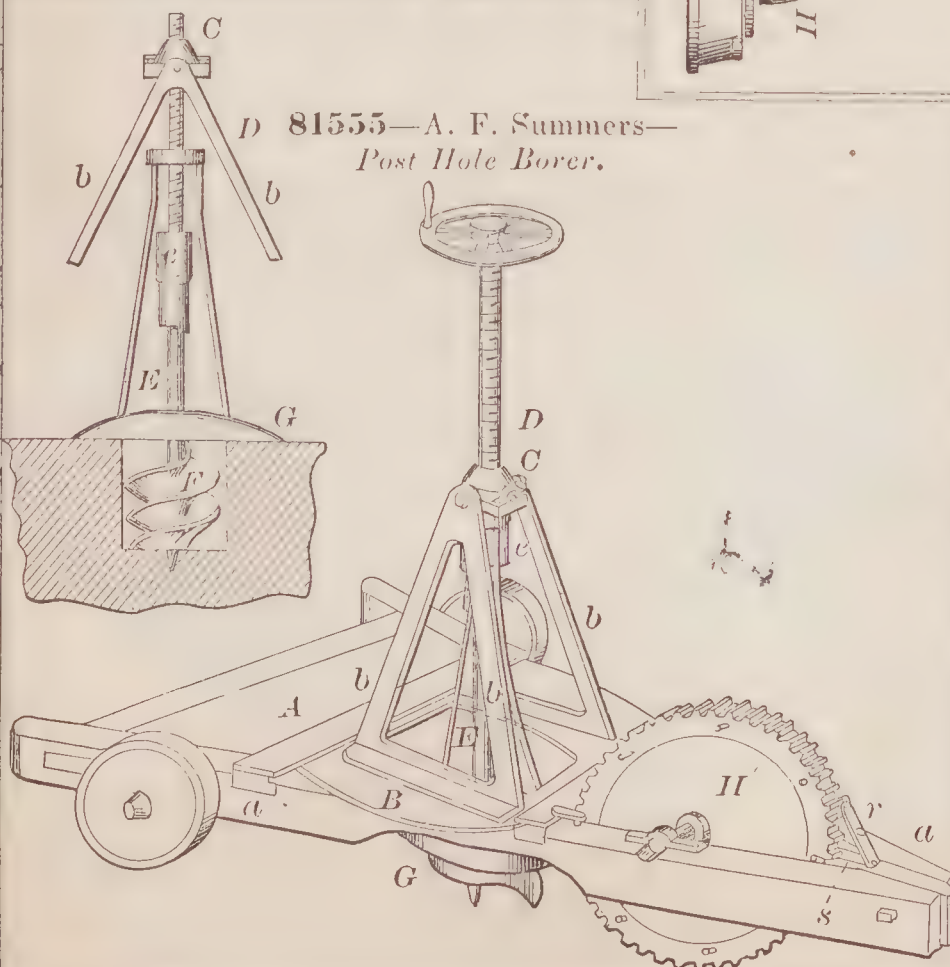
81552—C. A. Steinbruecke—*Halter.*



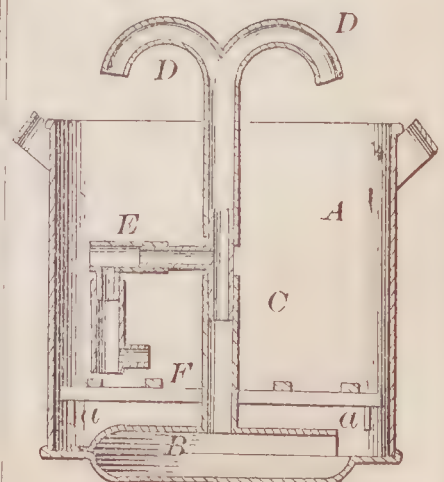
81557—Swett & Graham—*Gate for Turbine Wheels.*



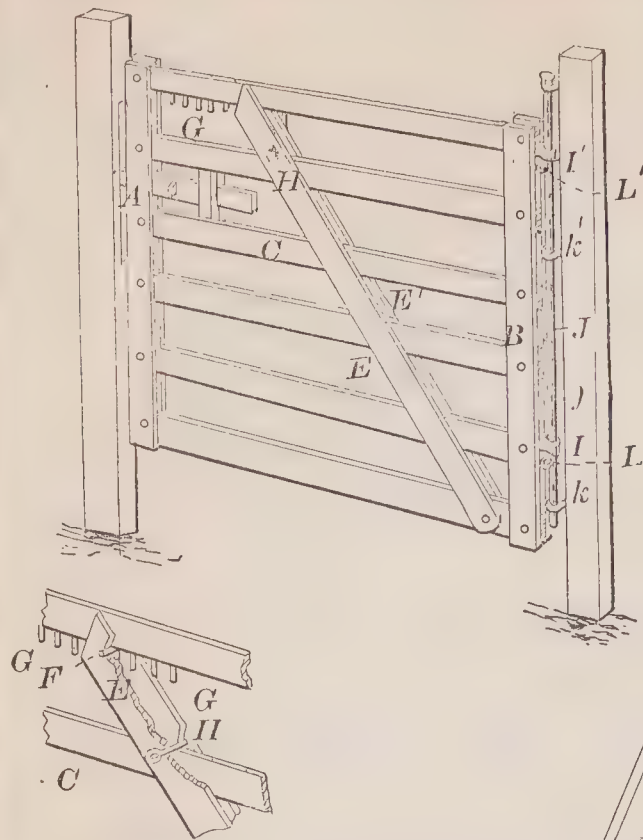
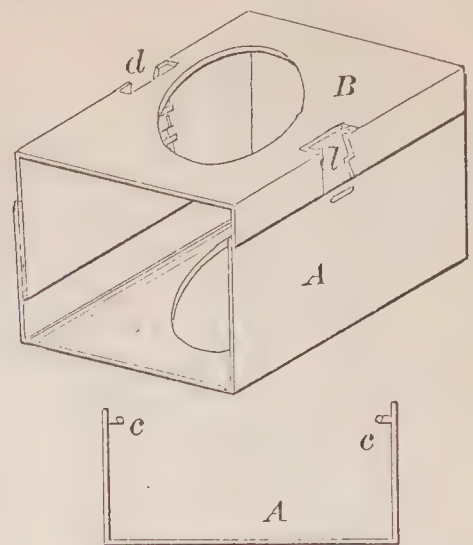
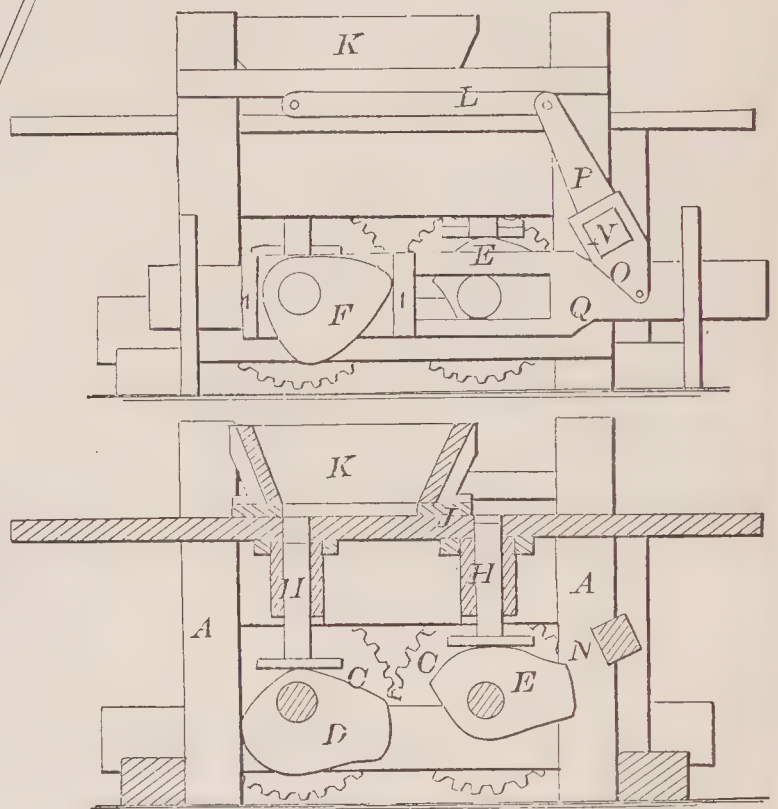
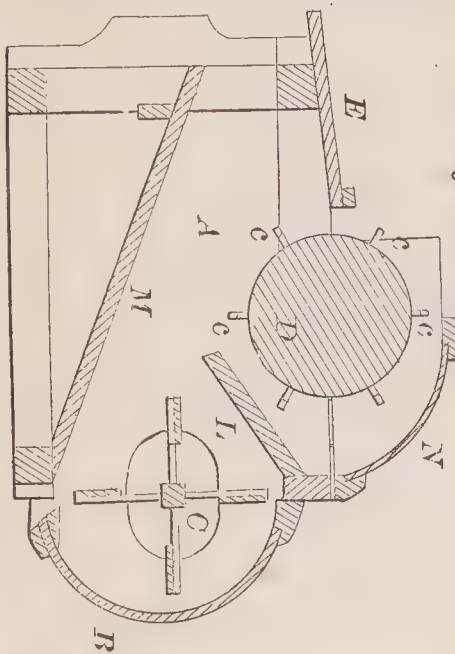
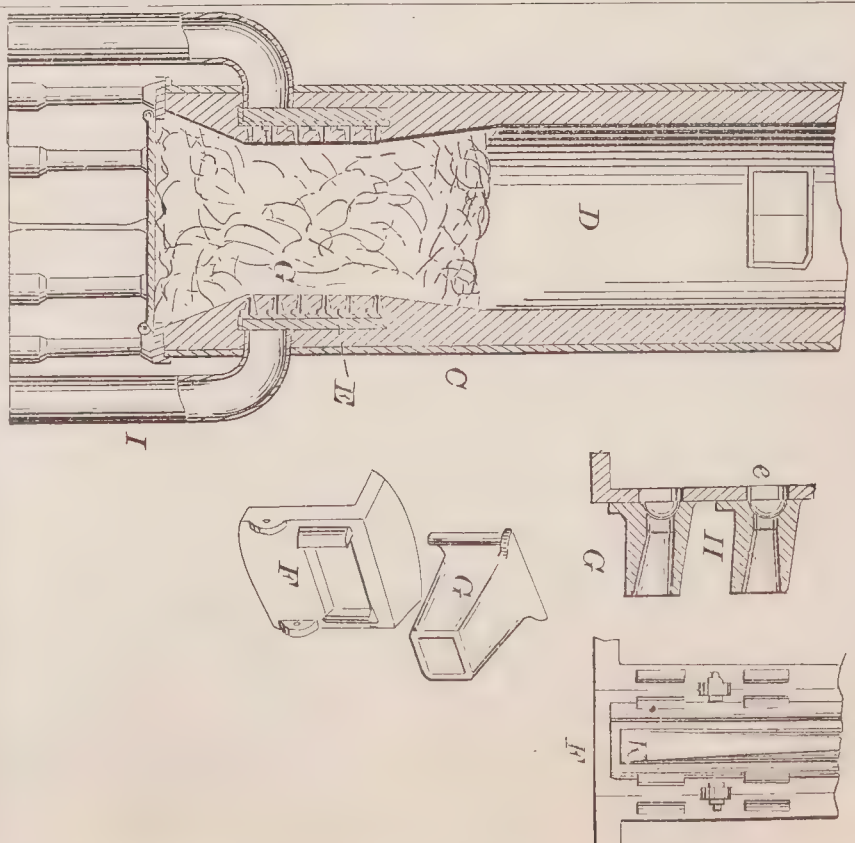
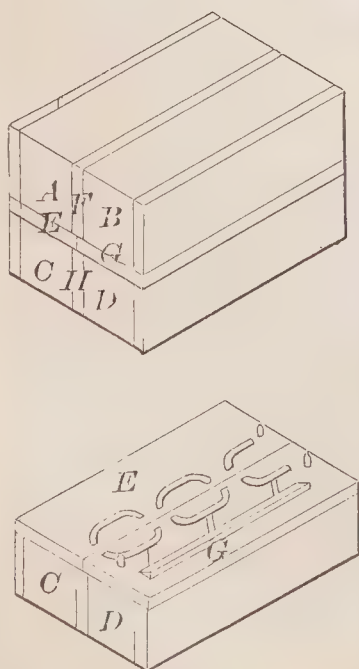
81555—A. F. Summers—*Post Hole Borer.*



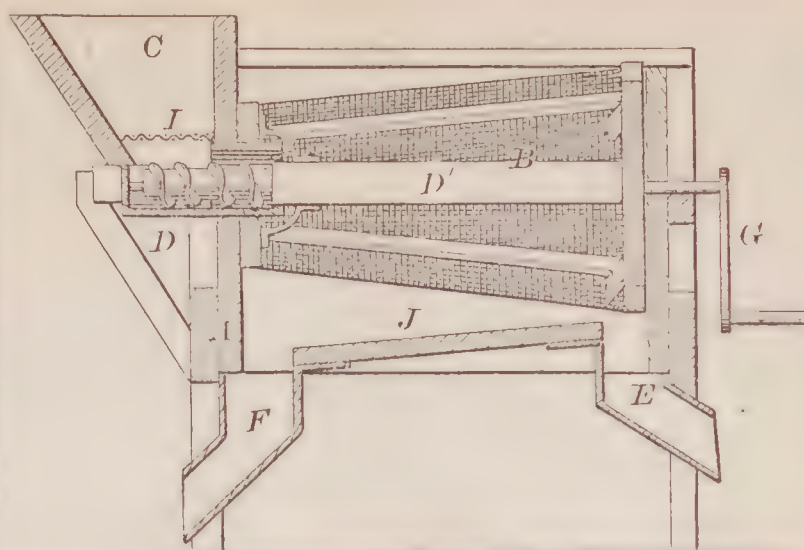
81556—Sweetland & Fenn—*Wash Boiler.*



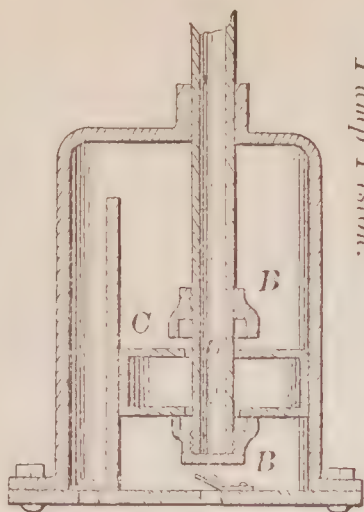


81558—L. F. Tanner—*Farm Gate.*81559—A. E. Taylor—*Letter File.*81560—A. A. Torpey—*Brick Press.*81562—J. C. Underwood—*For Picking and Cleaning Peanuts.*81561—C. Truesdale—*Cupola and Blast Furnace.*81563—C. C. E. Van Alstine—*Casting Chains.*

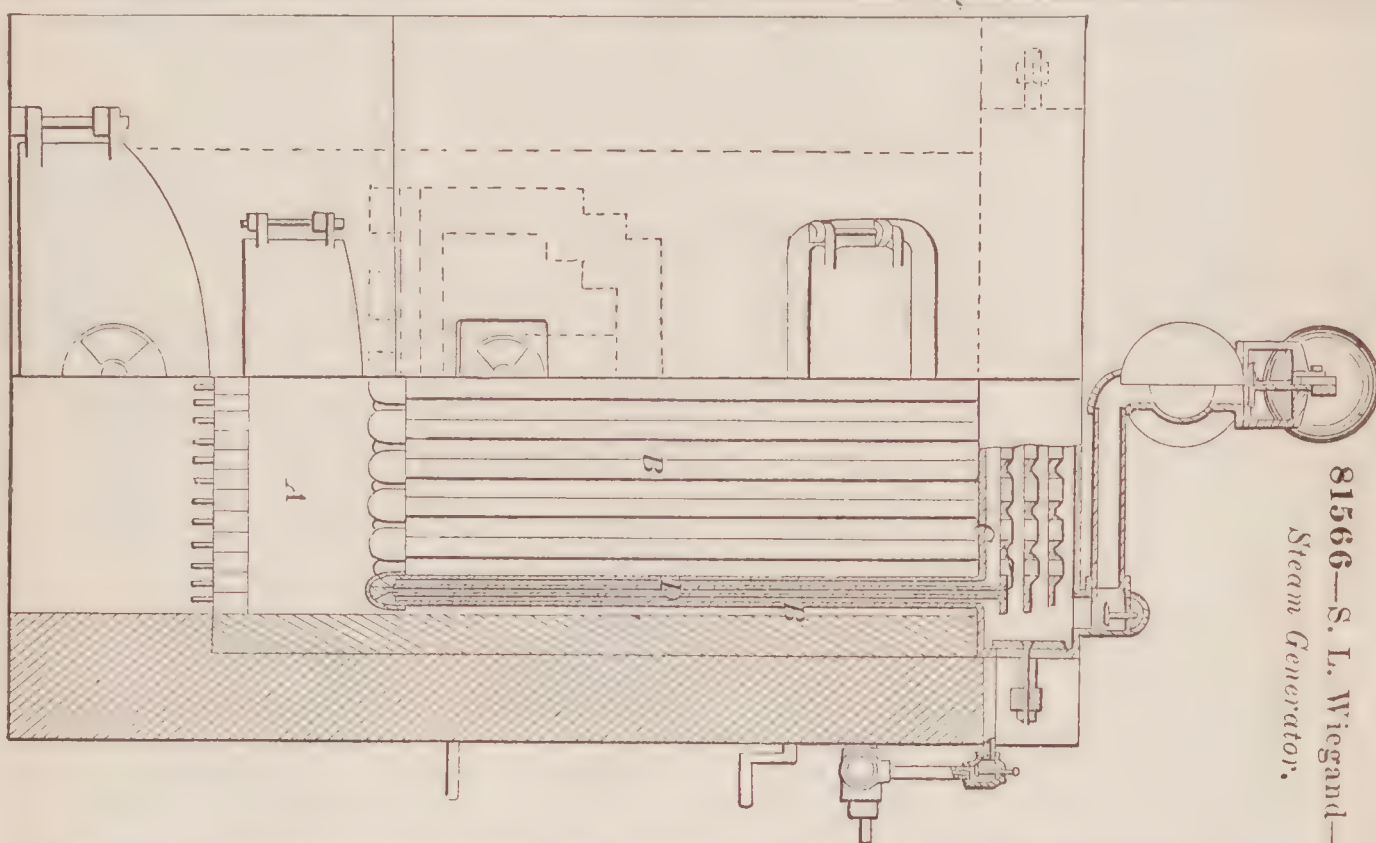
81567—J. H. H. Wisheart—  
*Grain Screen.*



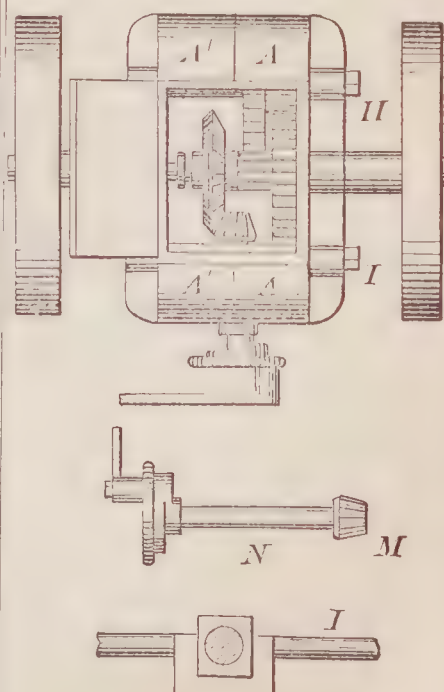
81565—J. D. Westcott—  
*Pump Piston.*



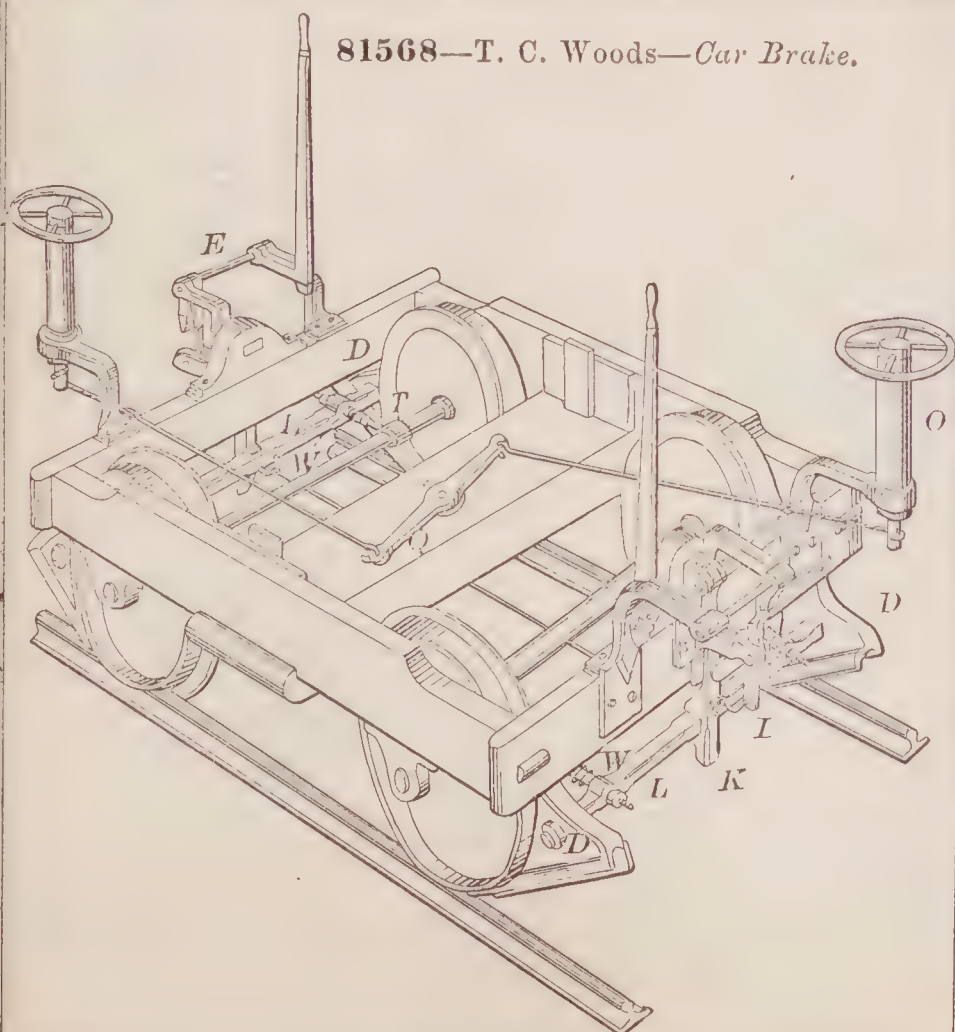
81566—S. L. Wiegand—  
*Steam Generator.*



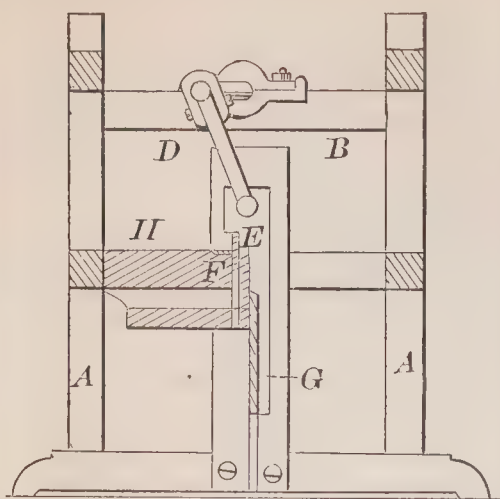
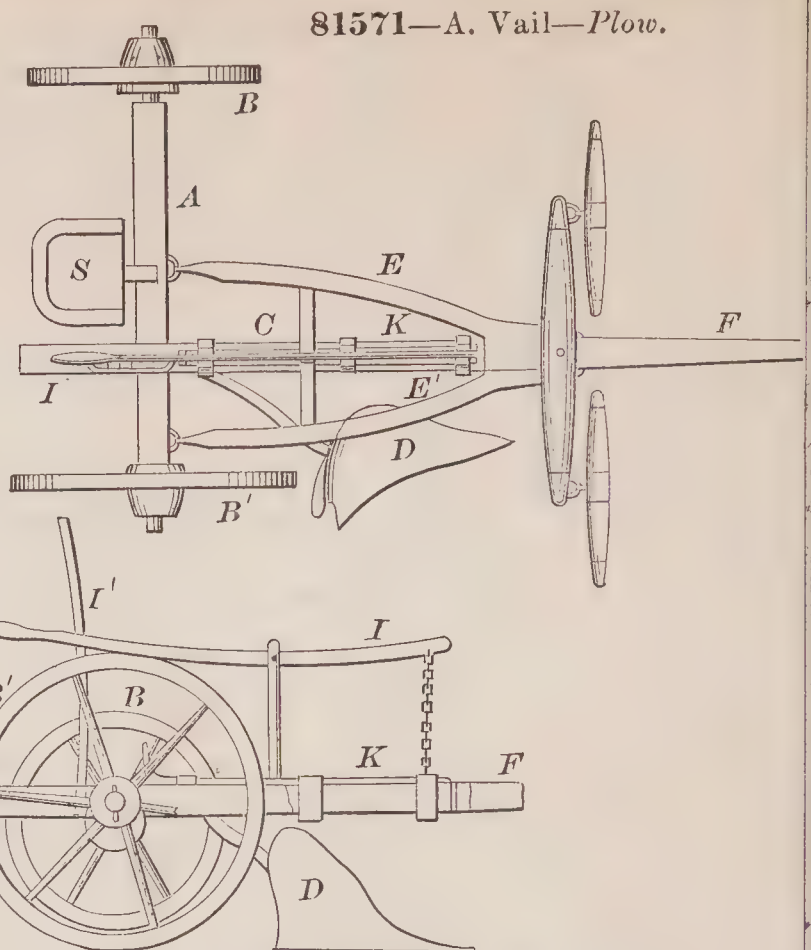
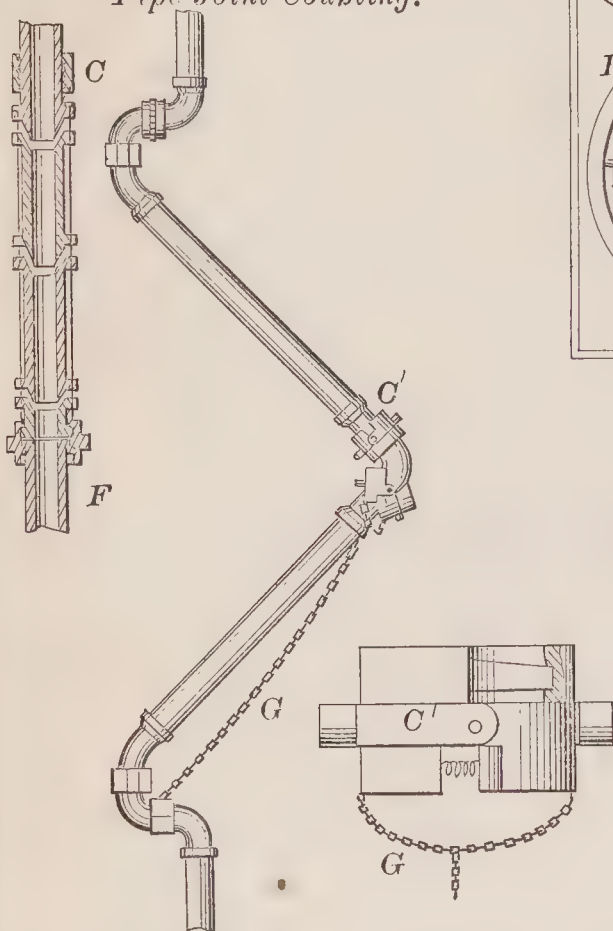
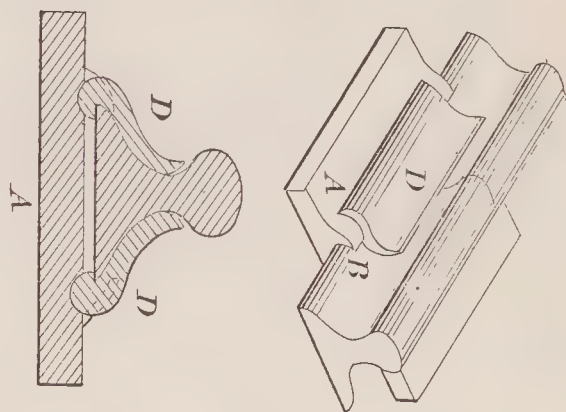
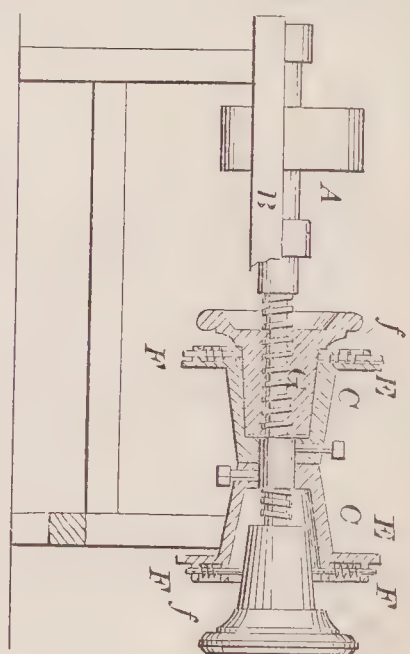
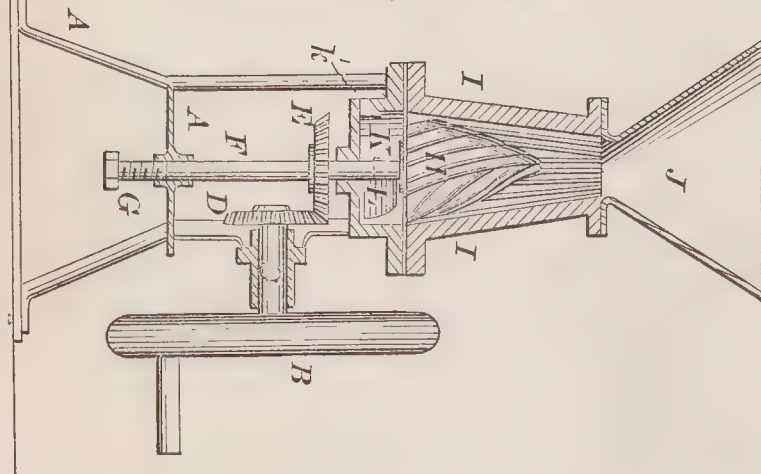
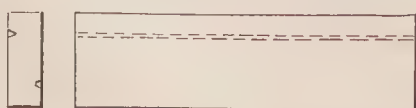
81569—G. W. N. Yost—  
*Harvester.*



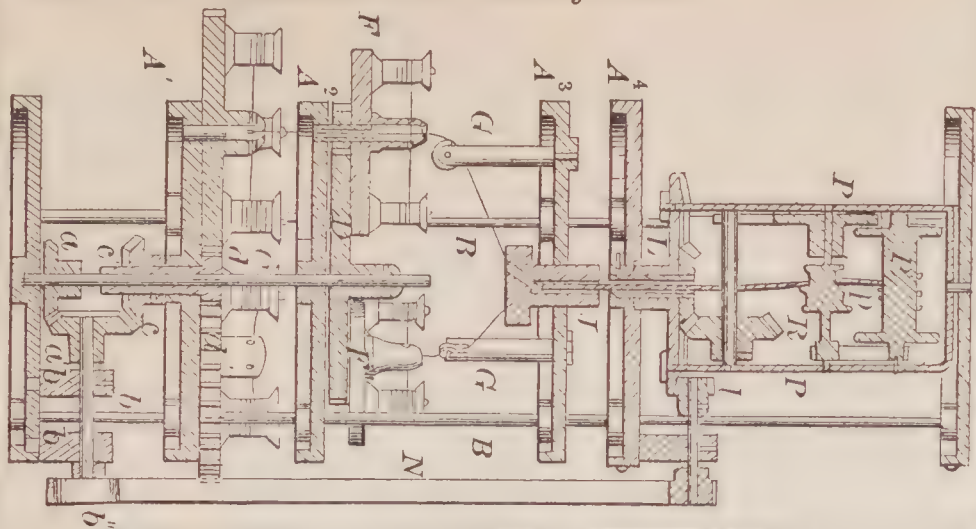
81568—T. C. Woods—*Car Brake.*



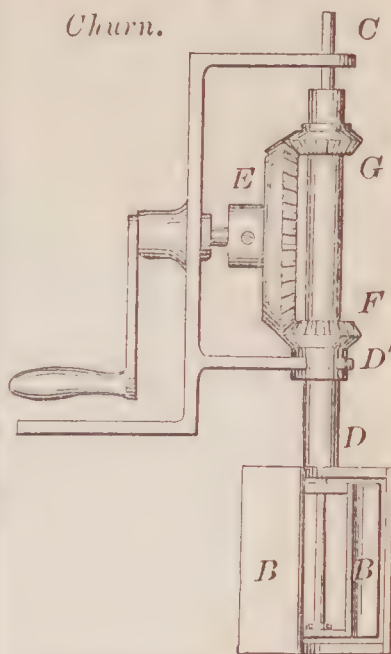


81570—C. B. King—*Potato Slicer.*81572—S. Ainsworth—*Flexible Pipe Joint Coupling.*81571—A. Vail—*Plow.*81573—S. T. Alexander—*Railway Chair.*81574—E. Alsop—*Hand Mill.*81575—Arnold & Clark—*For Making Barrels.*81579—J. W. Bailey—*Marking Weather Boarding.*81578—E. Baggett—*Loom Shuttle.*

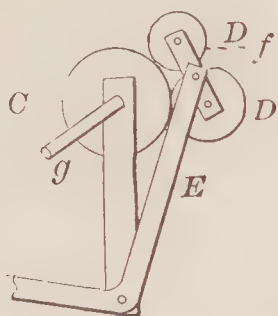
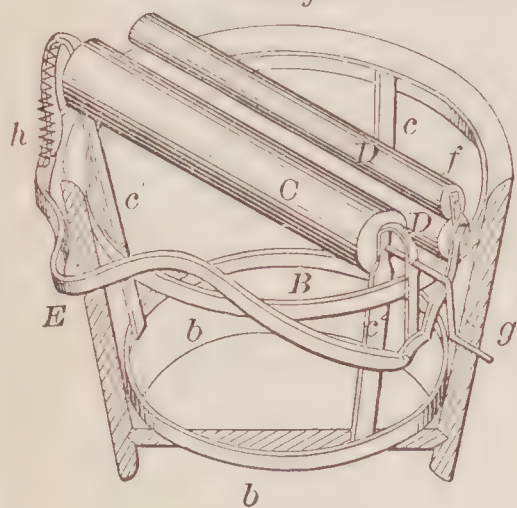
81577—J. Bachelder—*For Covering Cord.*



81589—V. M. R. Branch-  
Churn. C



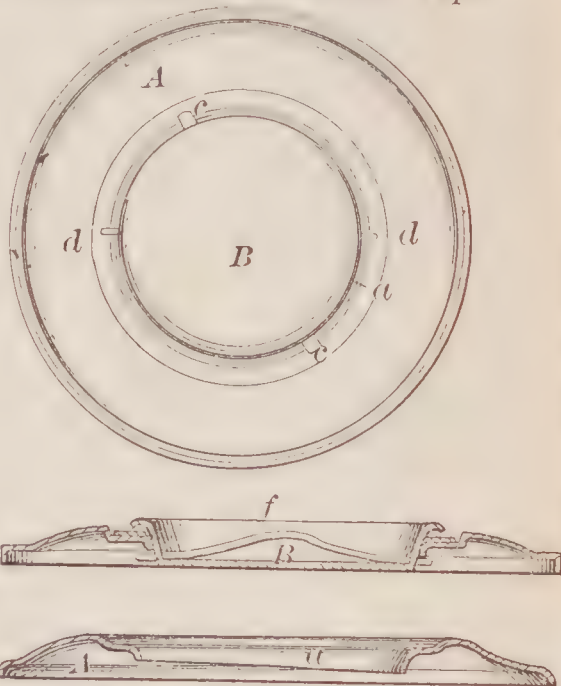
81583--M. J. Barcalo--*Mop  
Wringer.*



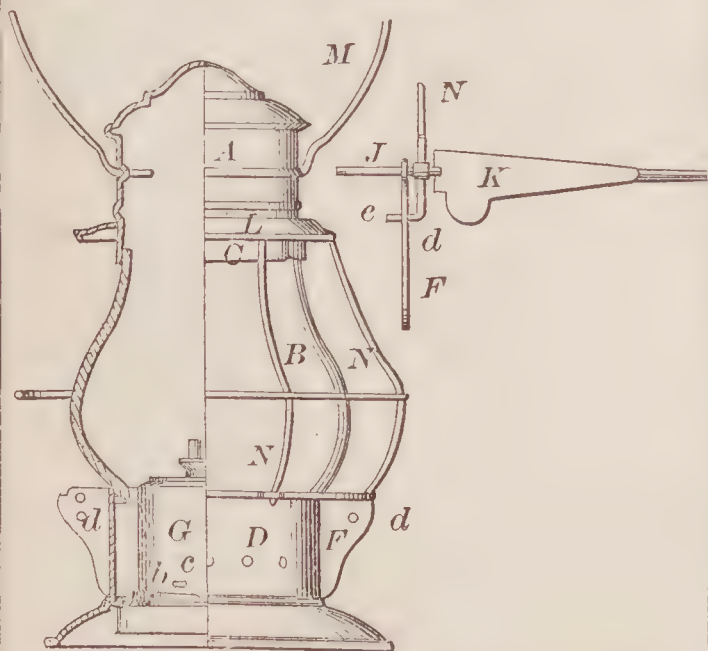
81582—D. Baker—Well Tube.



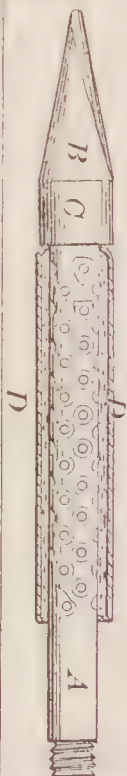
81585—L. F. Betts—*Can Top.*



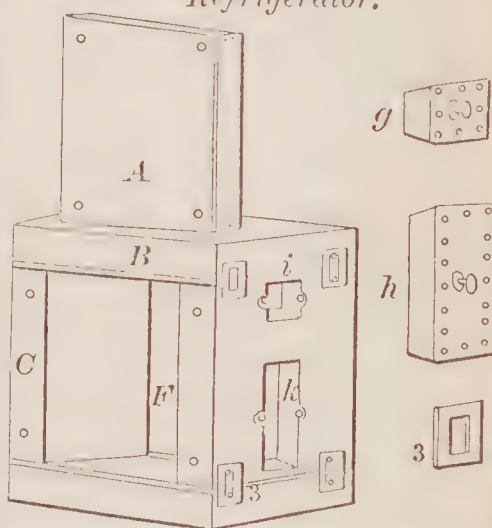
81584—L. F. Betts—*Lantern.*



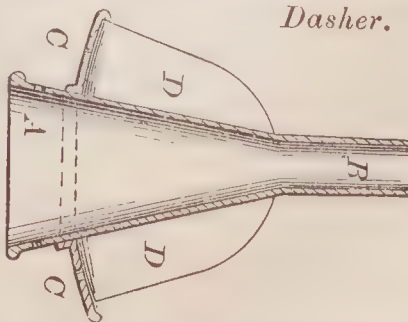
81580—J). Bak-i—Well Tube.



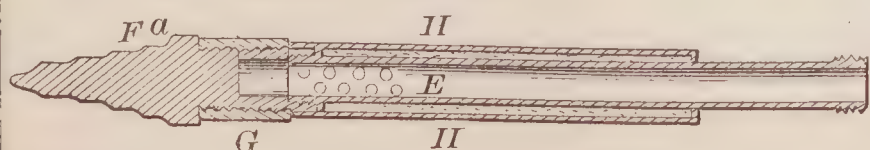
81588—H. D. Brainard—  
*Refrigerator.*



81586—A. T. Bleyley—*Churn*  
*Dasher.*



81581—D. Baker—Well Tube.





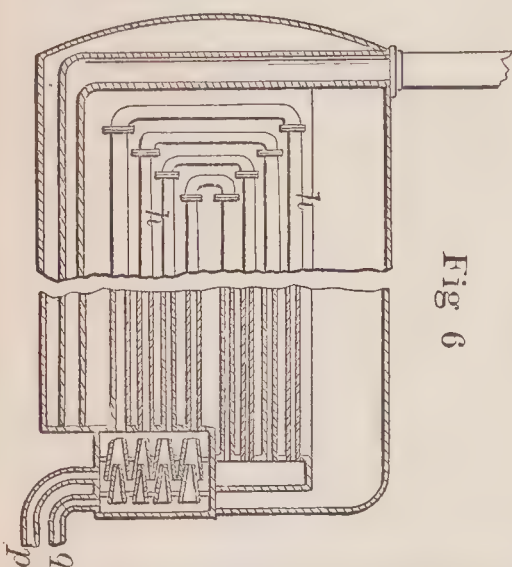
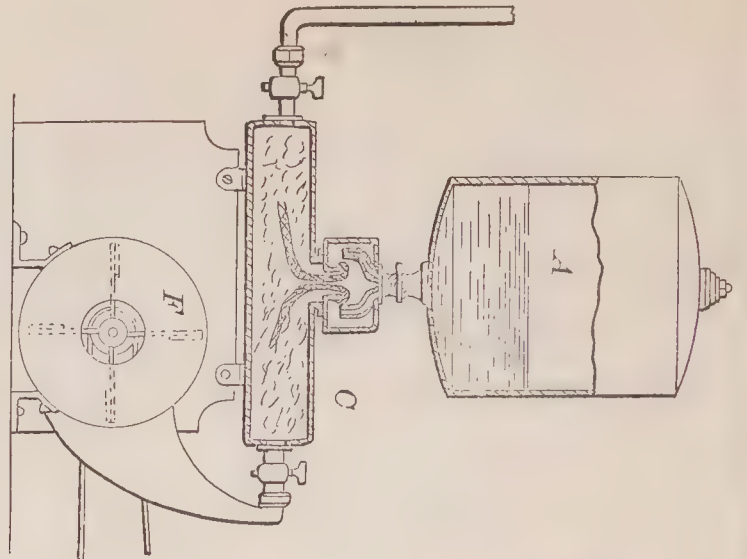
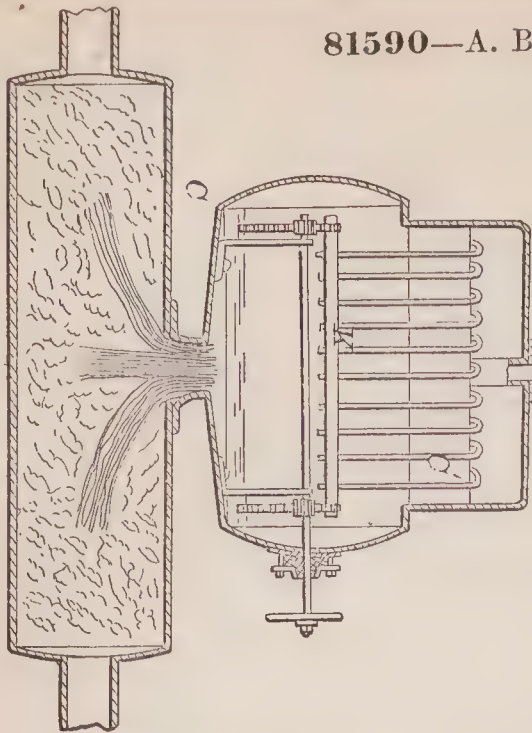
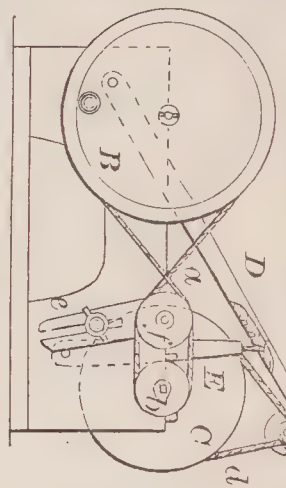
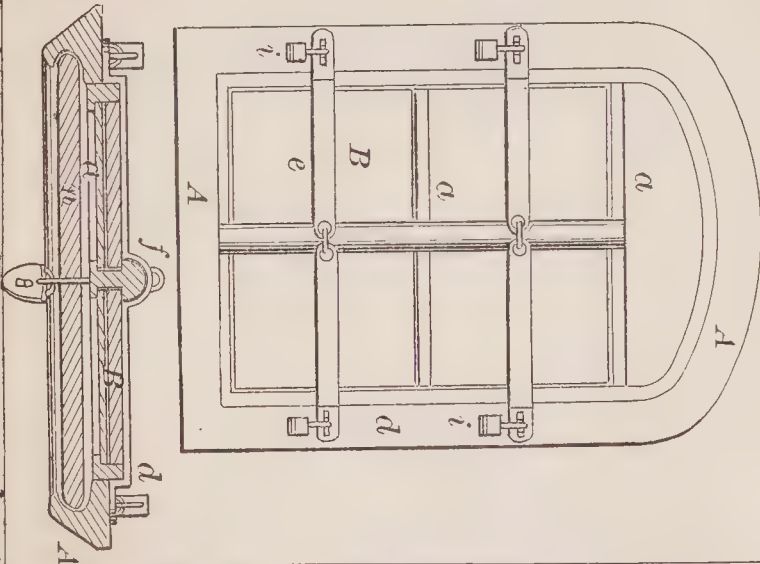
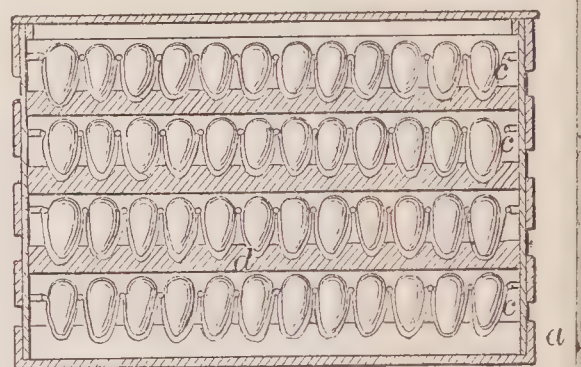
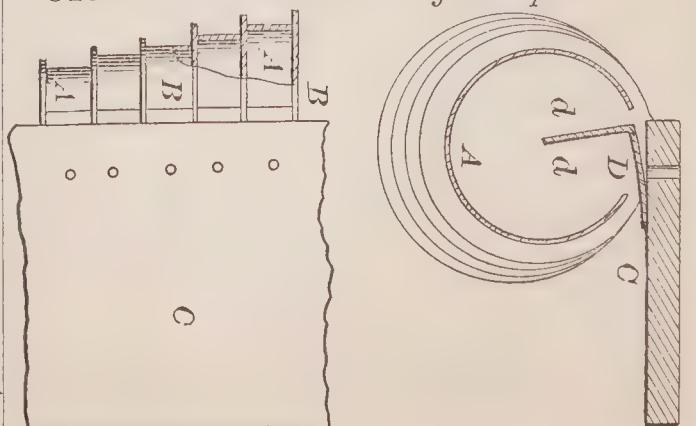
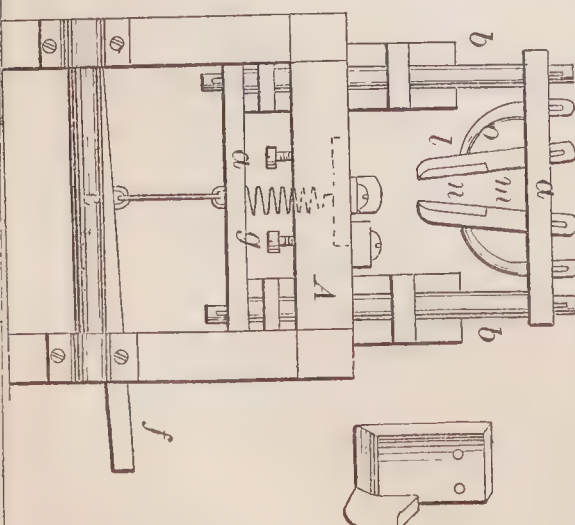
81590—A. Brin—*For Carburetting Air.*

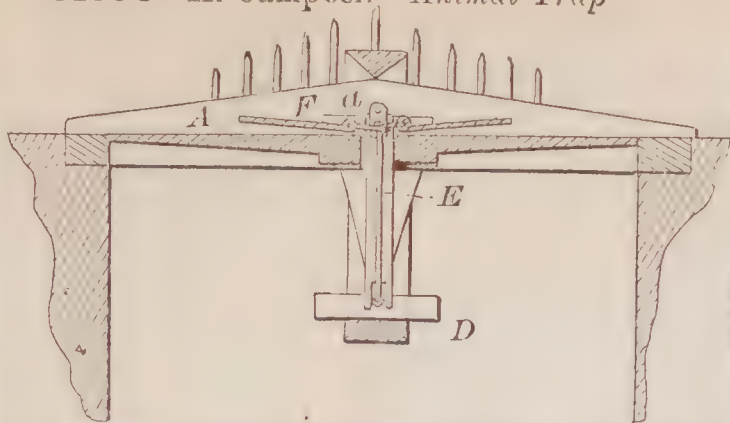
Fig. 6

Fig. 5

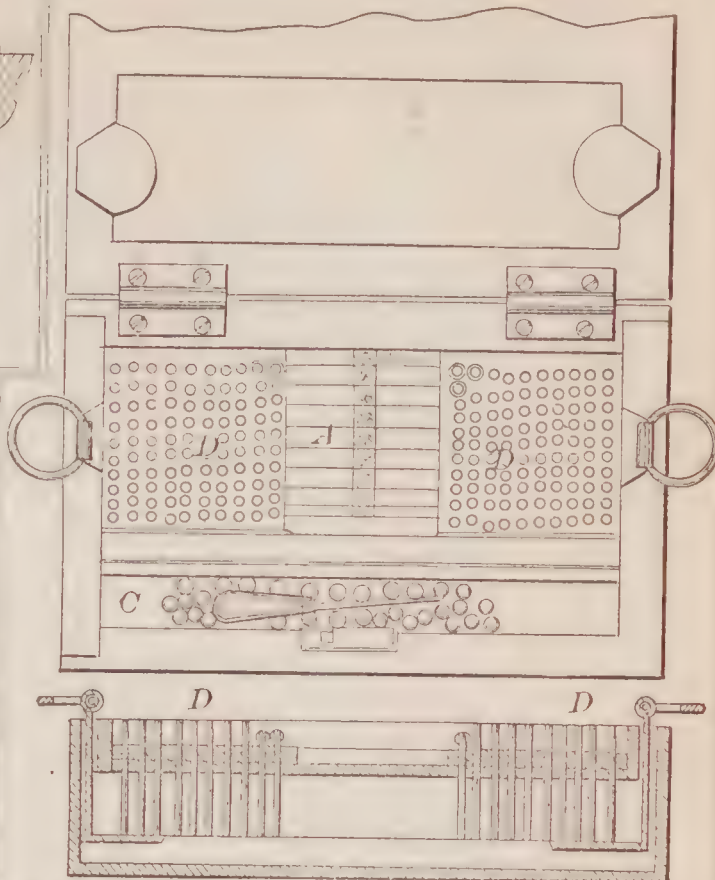
81594—J. W. Burkhart—*Spinning Machine.*81592—W. P. Brown—*Advertising Show Frame.*81593—A. H. Bryant—*Egg Carriers.*81591—G. H. Brock—*Organ Pipe.*81595—Calhoun & Collins—*Spoke Tenoning Machine.*



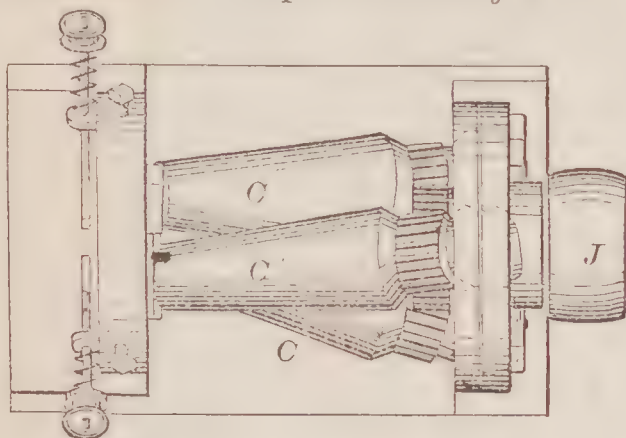
81596—A. Campbell—*Animal Trap*



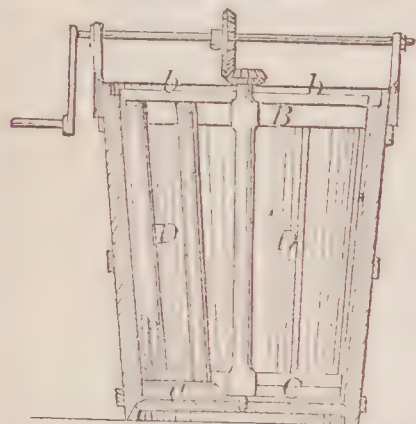
81598—T. L. Canary—*Base Ball Tally Board*



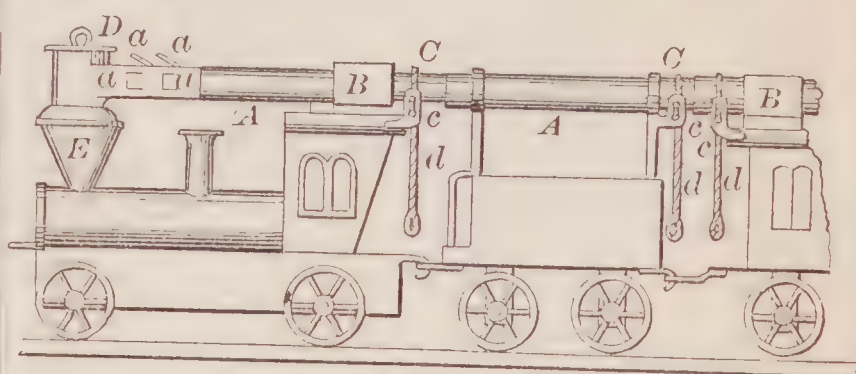
81600—J. L. Chapman—*Rolling Mill*



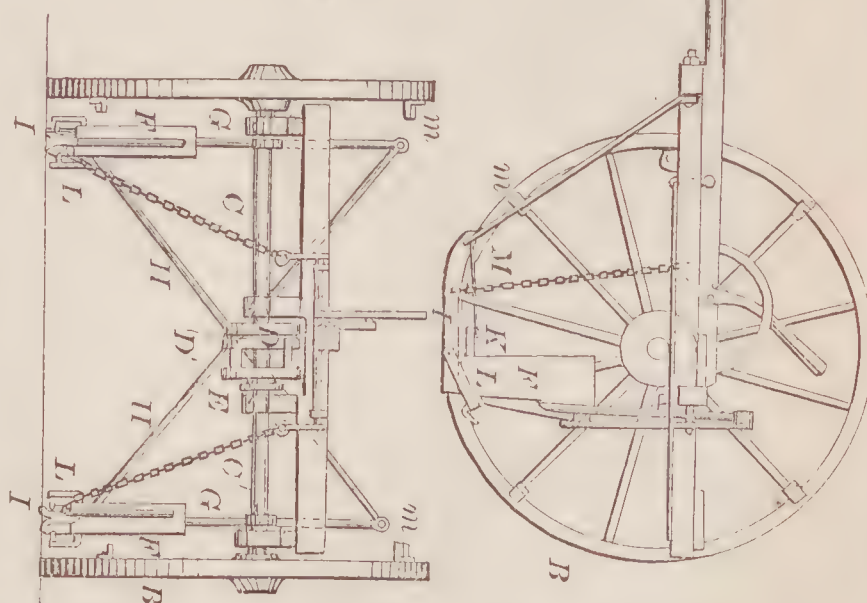
81599—N. P. Chaney—*Churn*



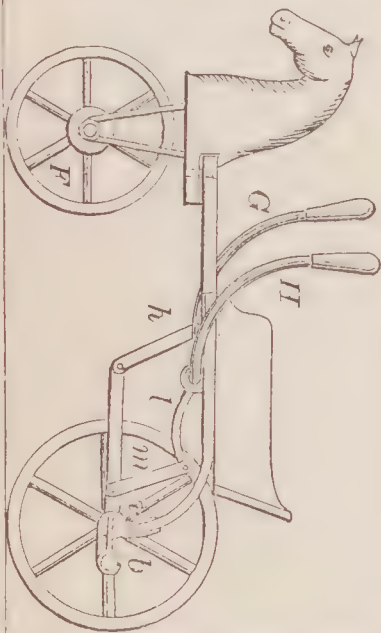
81602—I. Choate—*Locomotive Spark Arrester*



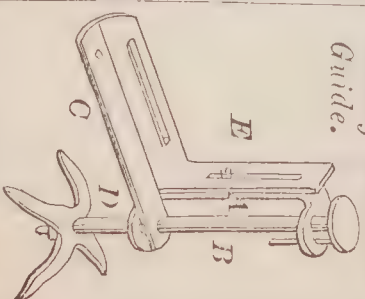
81597—S. O. Campbell—*Corn Planter*



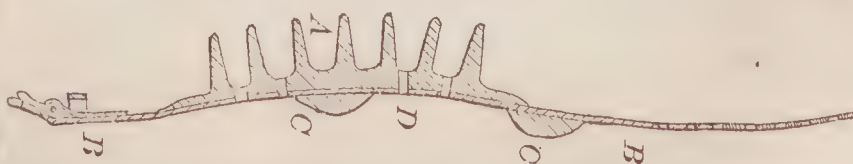
81603—A. Christiam—*Velocepede*



81604—J. Cline—*Sewing Machine Guide*

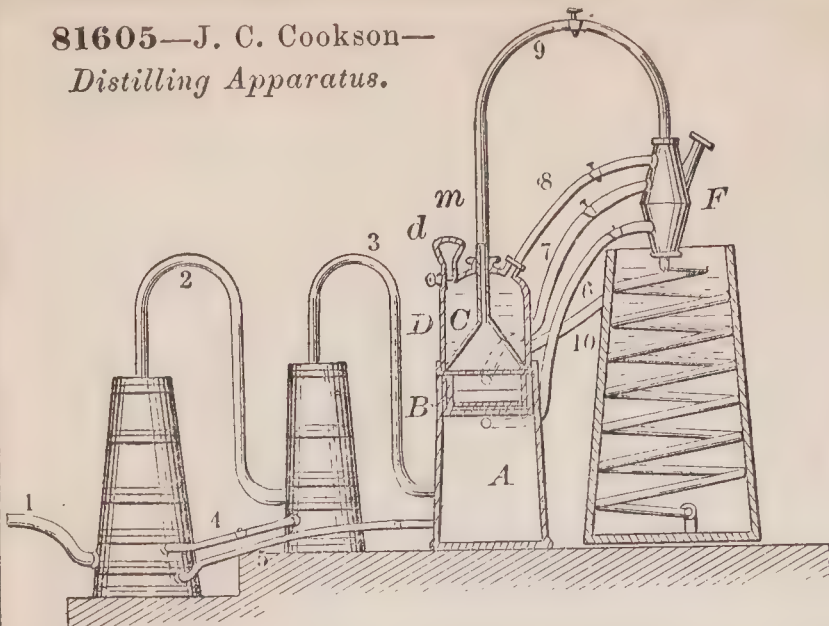


81601—E. Chesterman—*Interfering Strap for Horses*

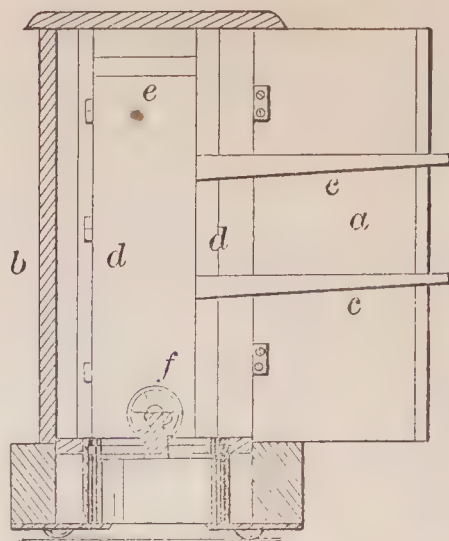




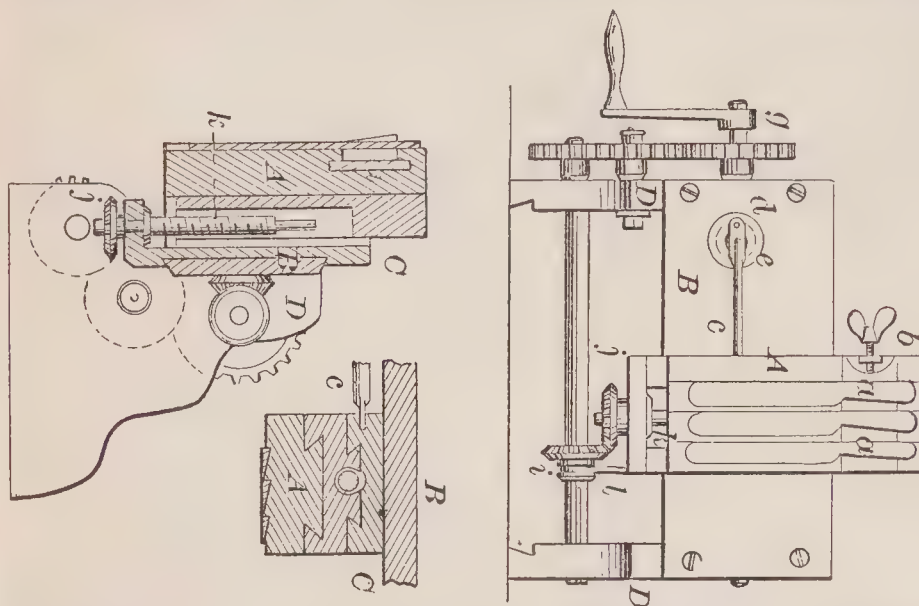
**81605**—J. C. Cookson—*Distilling Apparatus.*



**81606**—C. Crane—*Dryer.*



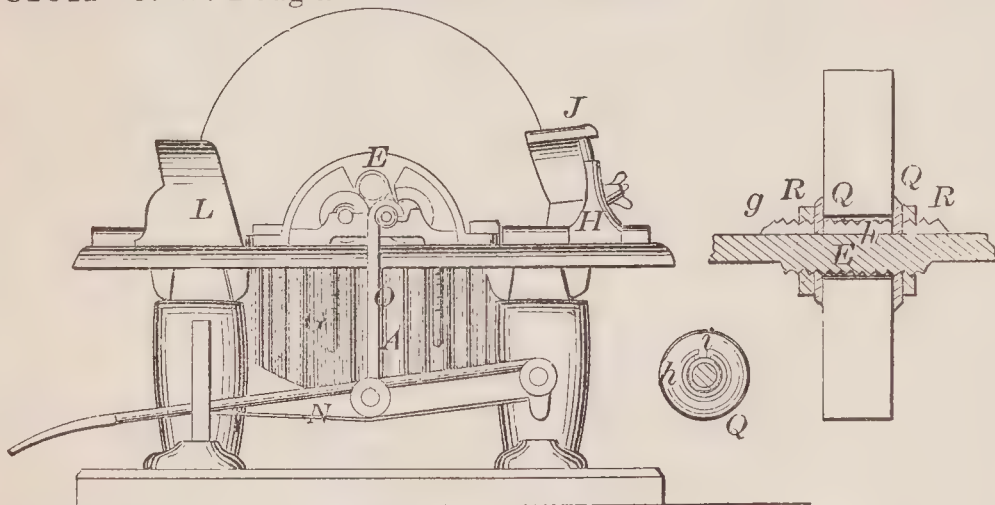
**81608**—J. P. Curtiss—*for Grinding Metal Articles.*



**81607**—P. Cunningham—*Slotting Auger.*



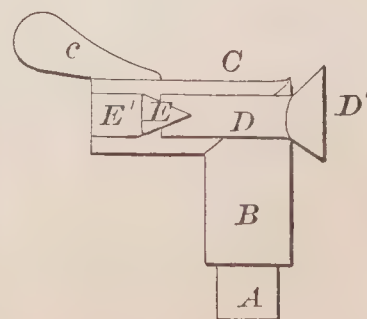
**81611**—J. W. Douglas—*Grindstone Frame.*



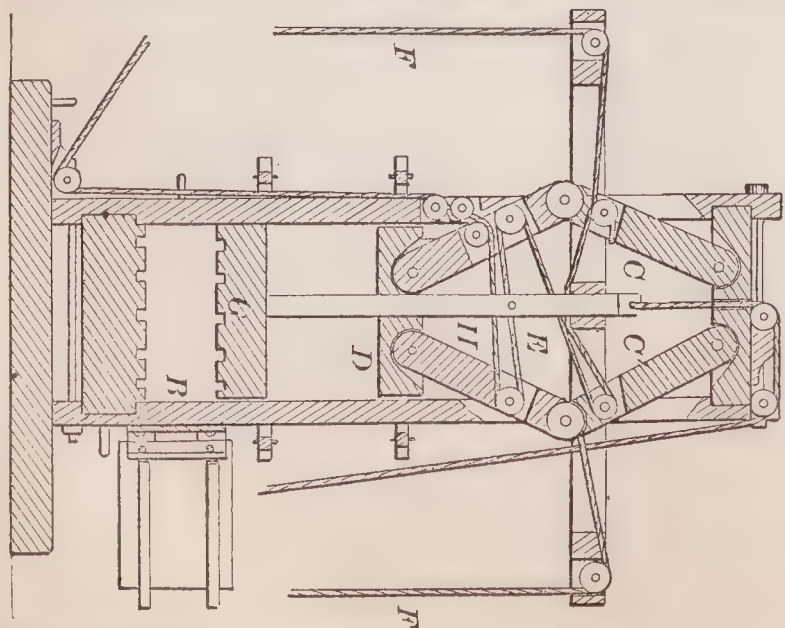
**81610**—H. E. Doster—*Cigar Pipe.*



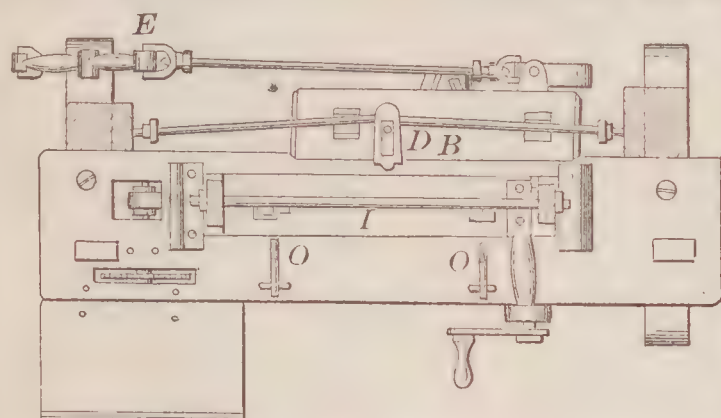
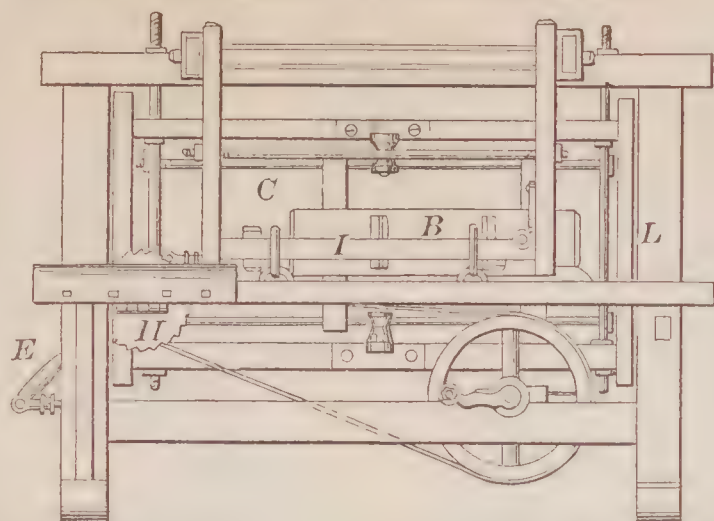
**81609**—H. S. Decker—*Chimney Cowl.*



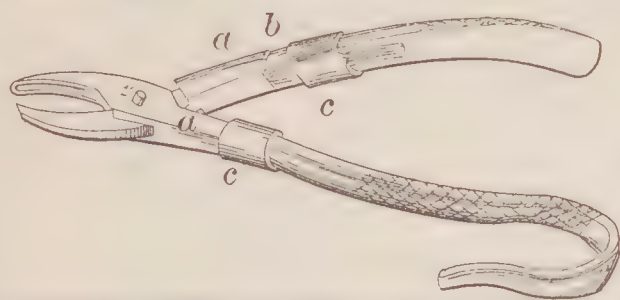
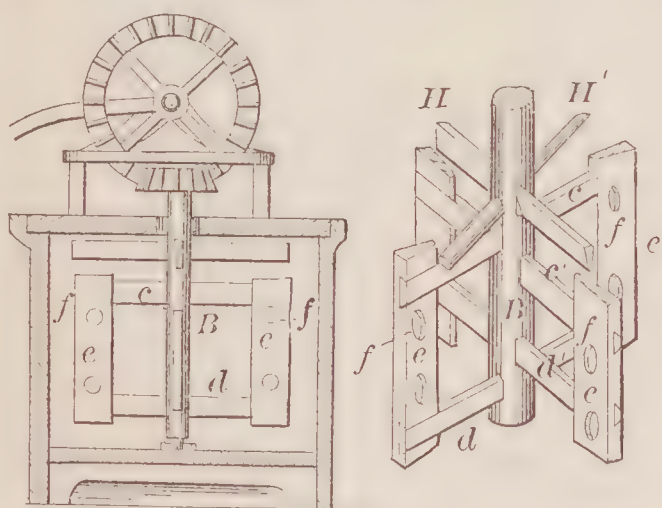
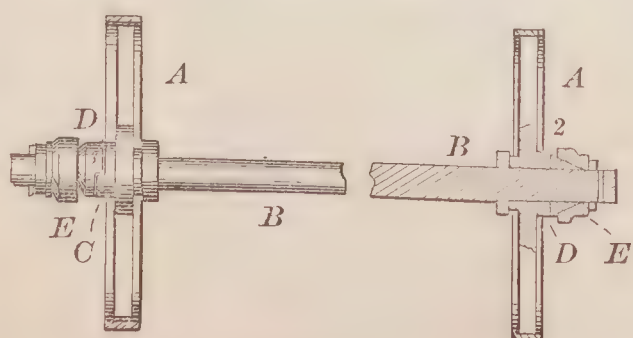
**81612**—D. Dunn—*Baling Press.*



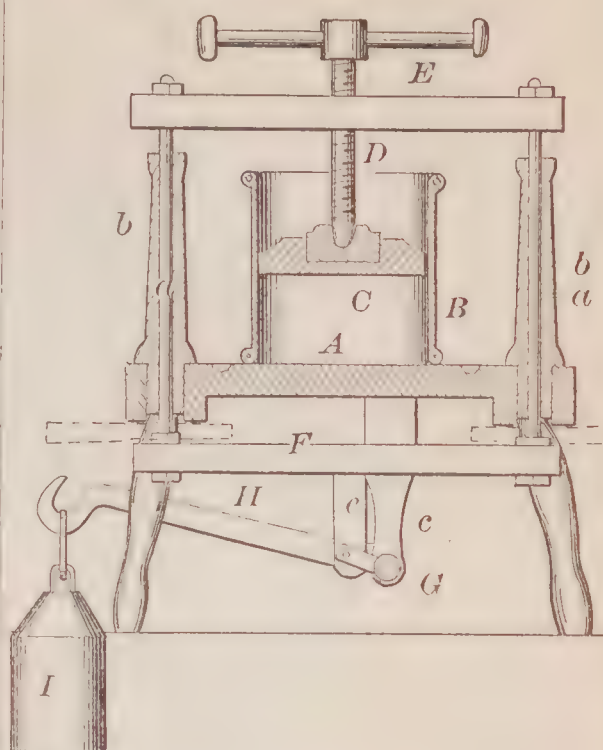
81613—L. B. Ecker—*For Jointing Staves.*



81616—H. T. Fogg—*Handle for Surgical Instruments.*

81615—J. Fassauer—*Churn.*81617—E. T. Ford—*Friction Clutch.*

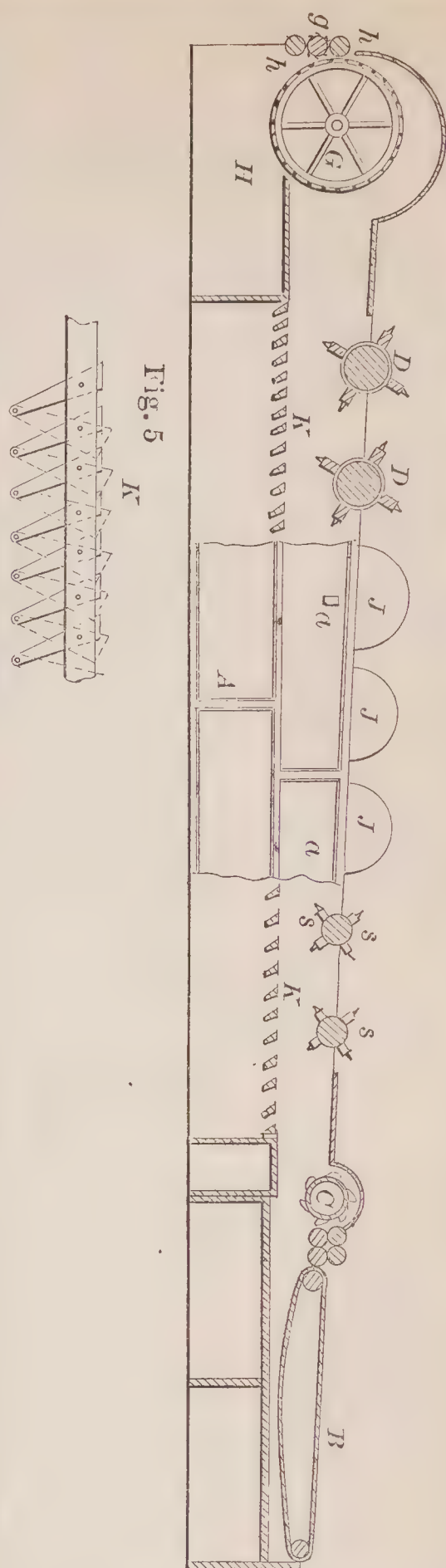
81614.—J. Erdle—*Cheese Press.*



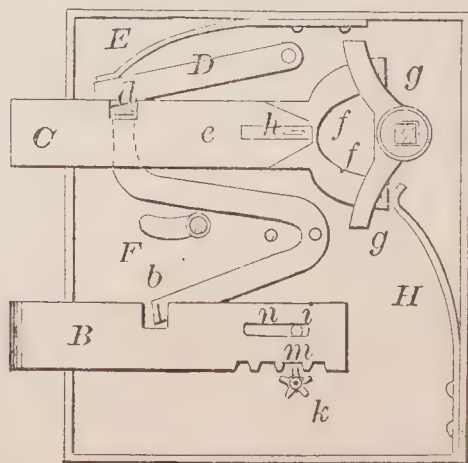
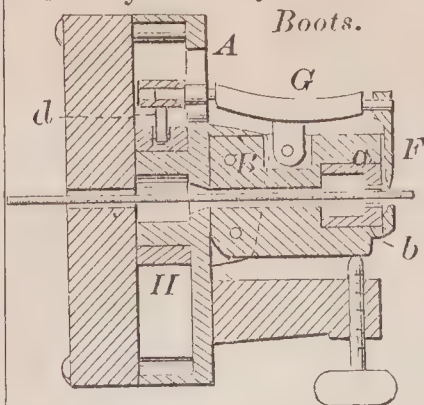
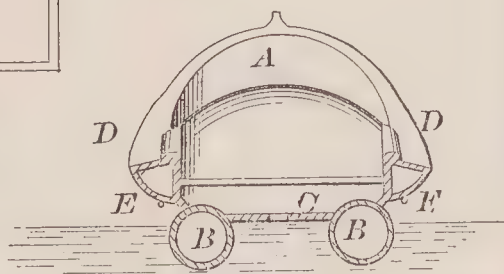
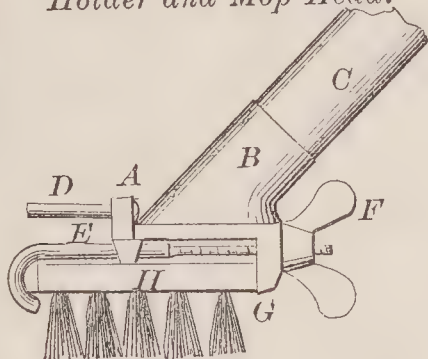
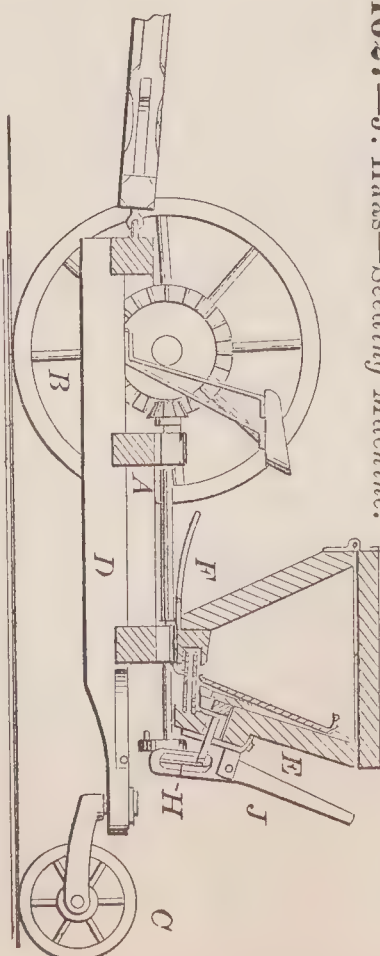
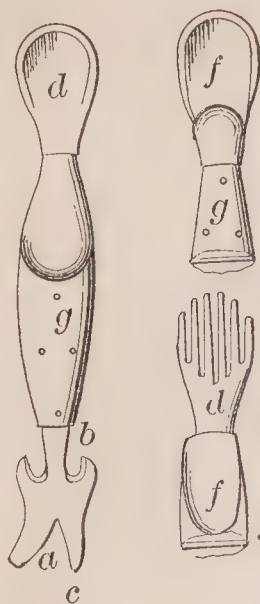
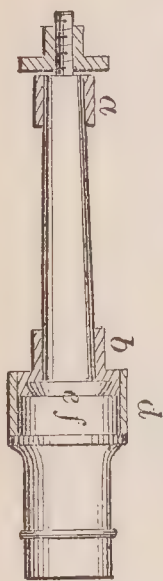
81618—T. H. Fox—*Water Wheel.*



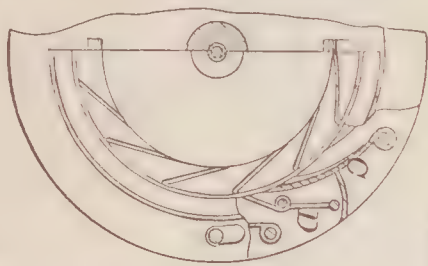
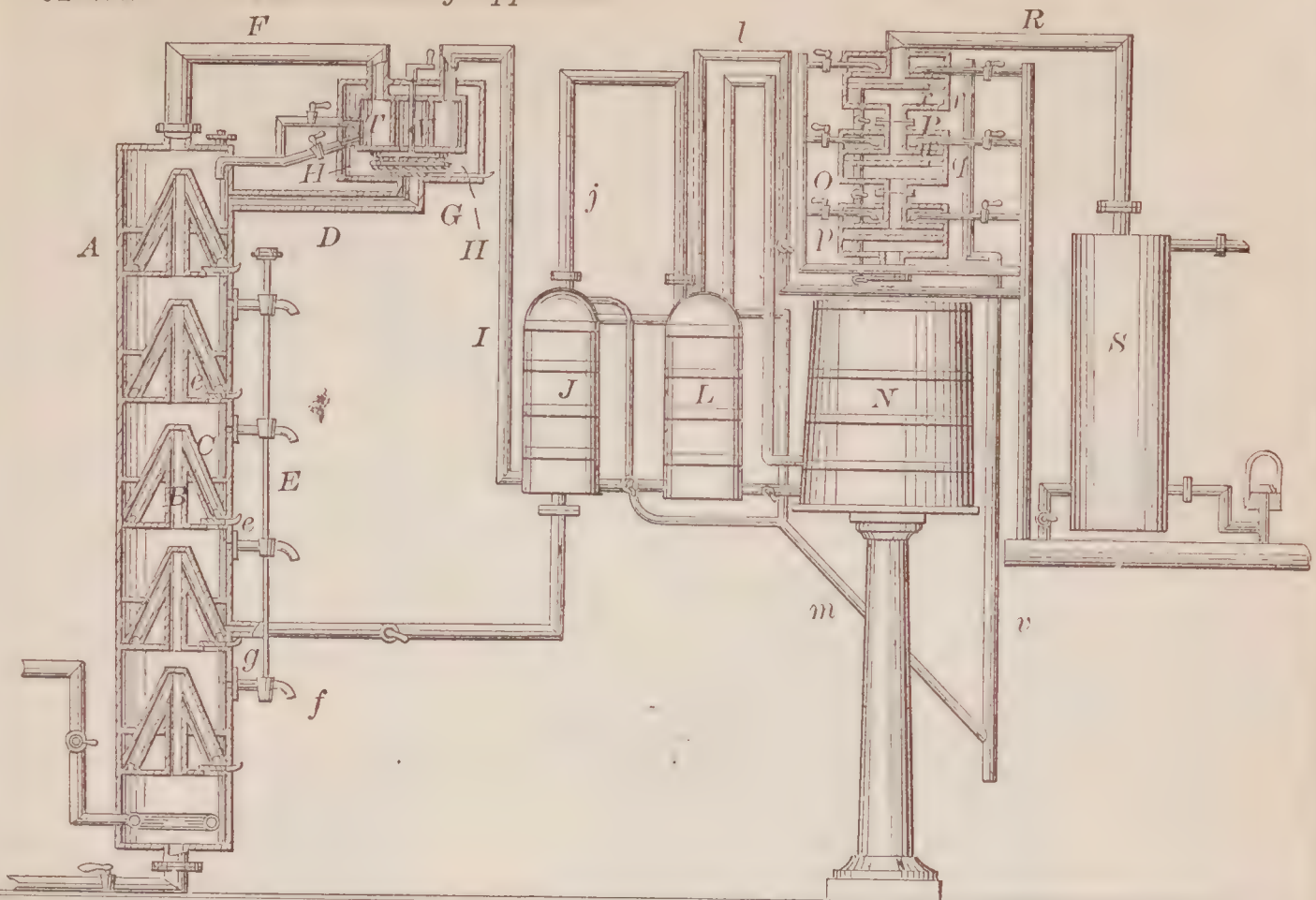
81622—S. H. Gilman—Cotton Picker and Cleaner.



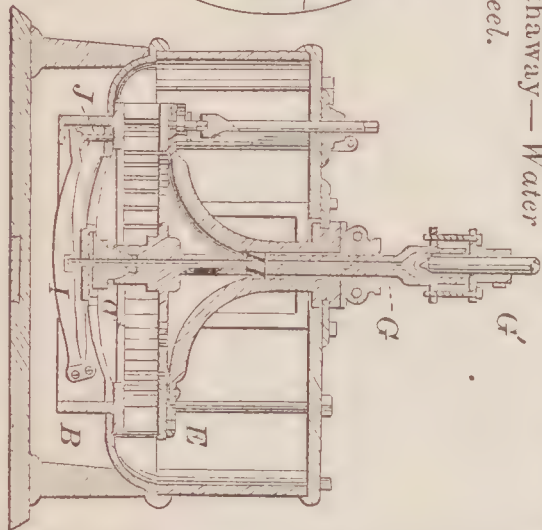
81625—S. A. Green—Latch and Lock.

81620—J. Galli—*Manufacture of Screwed Boots.*81623—J. R. Grace—*Life Boat.*81626—H. P. Gregg—*Brush Holder and Mop Head.*81627—J. Haas—*Seeding Machine.*81619—F. Fuller—*Garden Implement.*81621—G. S. Garth—*Wagon Axle.*

81624—D. Green—*Distilling Apparatus.*



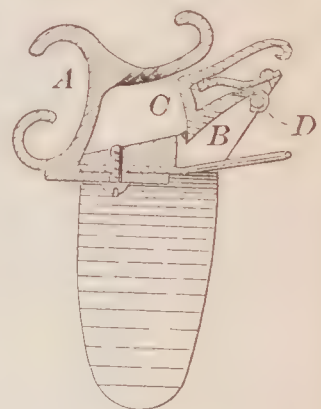
81632—J. Hathaway—*Water Wheel.*



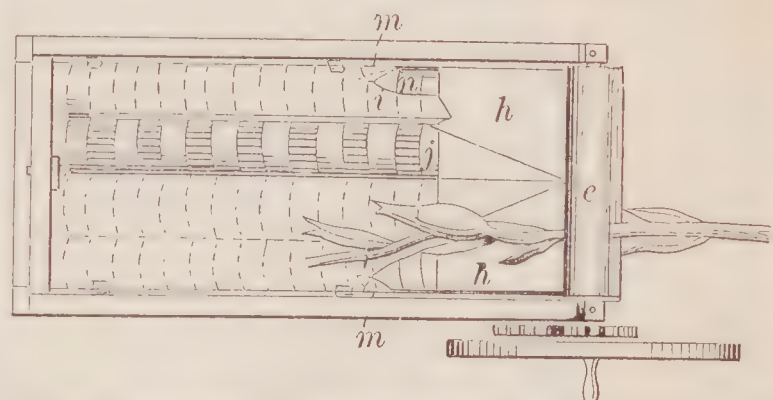
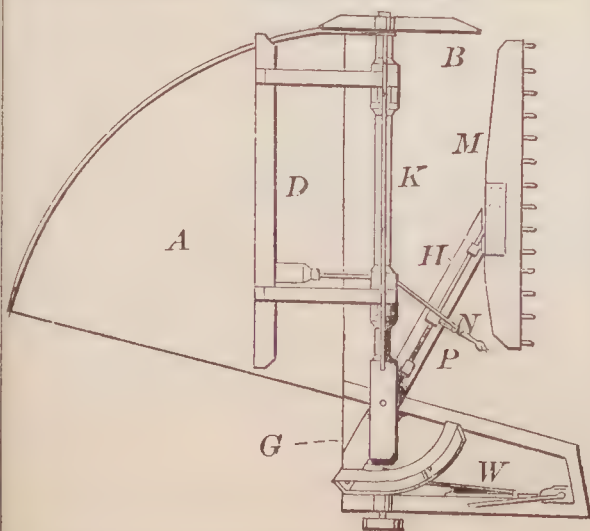
81631—J. M. Hartnett—*Corn Husker.*



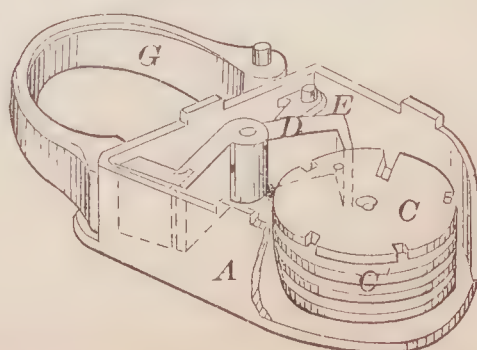
81629—J. S. Hall—*Harness Saddle Tree.*



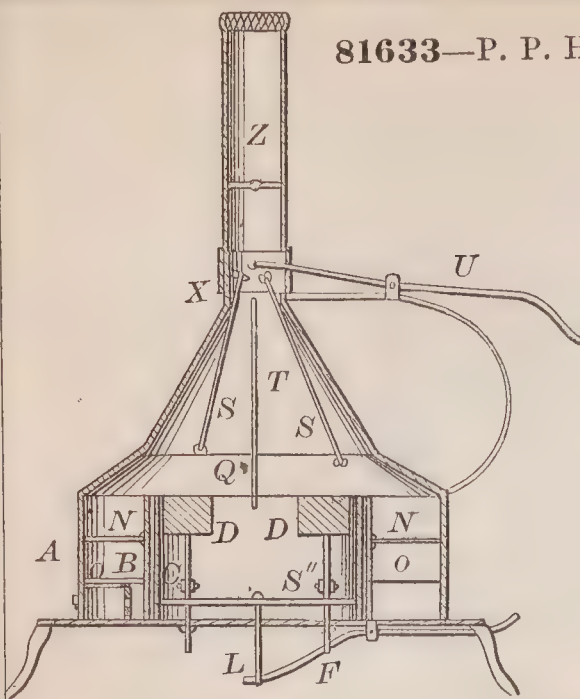
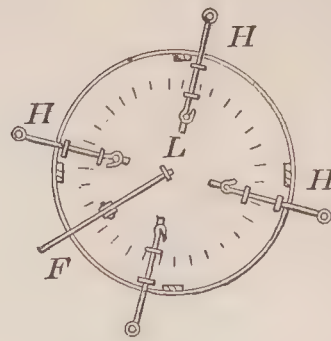
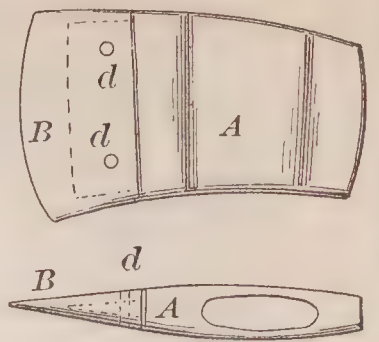
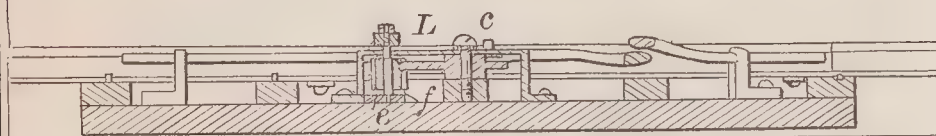
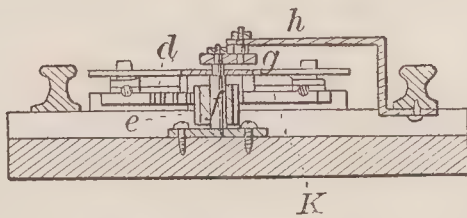
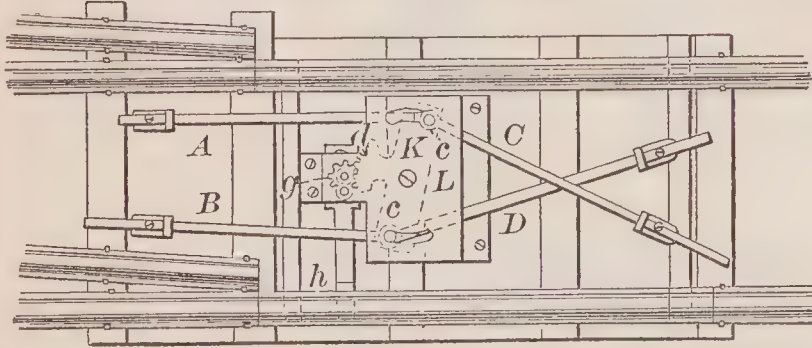
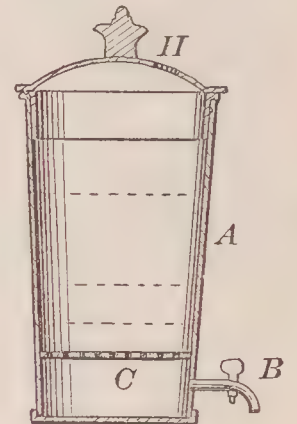
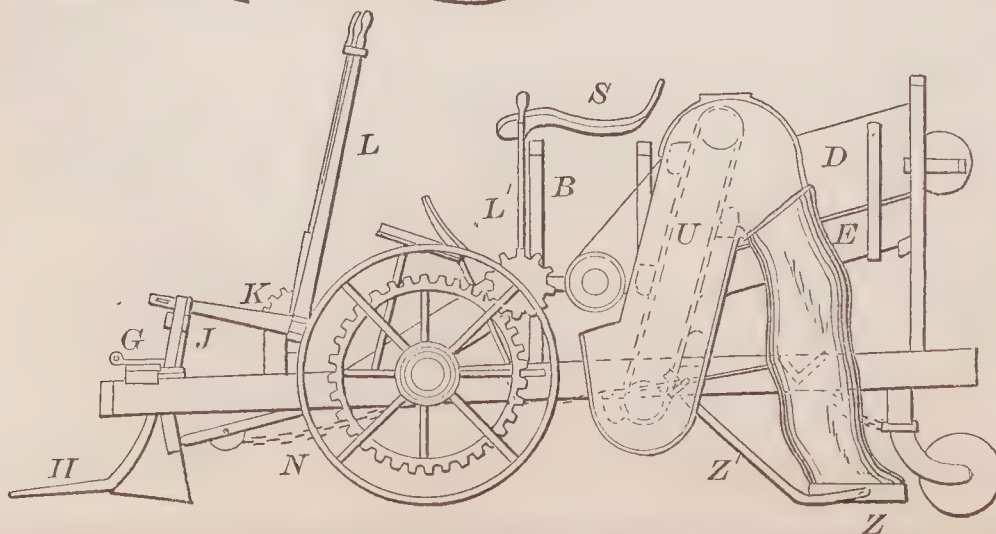
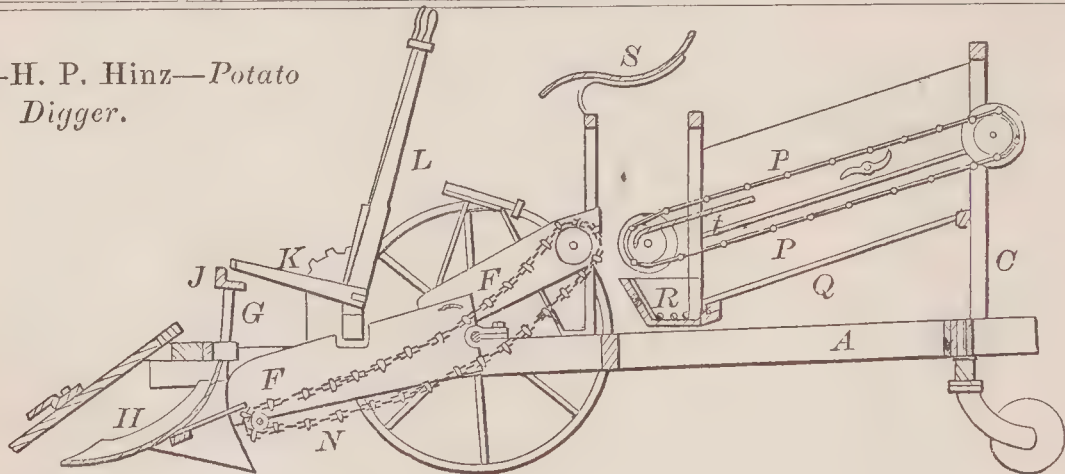
81628—J. C. Hall—*Harvester Rake.*



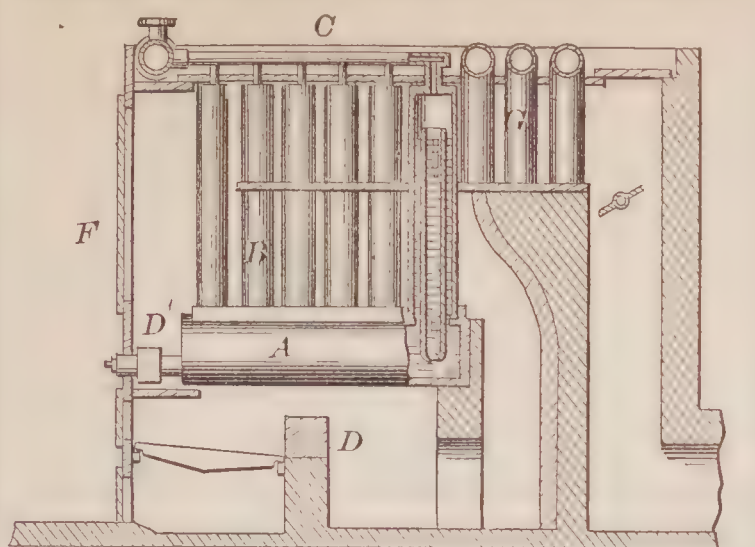
81630—J. L. Hall—*Combination Padlock.*



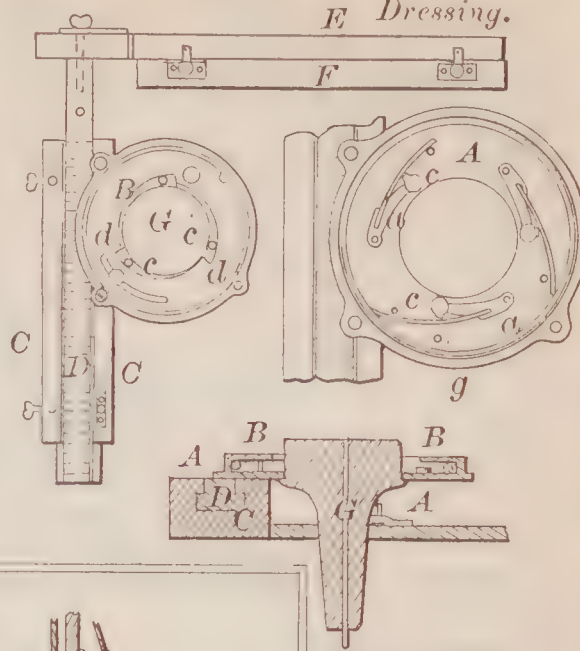


81633—P. P. Hemstreet—*Tire Heater.*81635—Hilton & Green—*Axe.*81634—J. A. Heyl—*Railway Switch.*81637—S. R. Holt—*Making Vinegar.*81636—H. P. Hinz—*Potato Digger.*

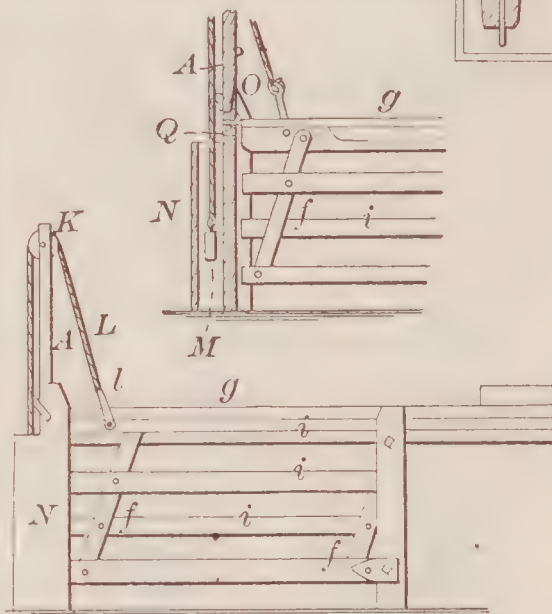
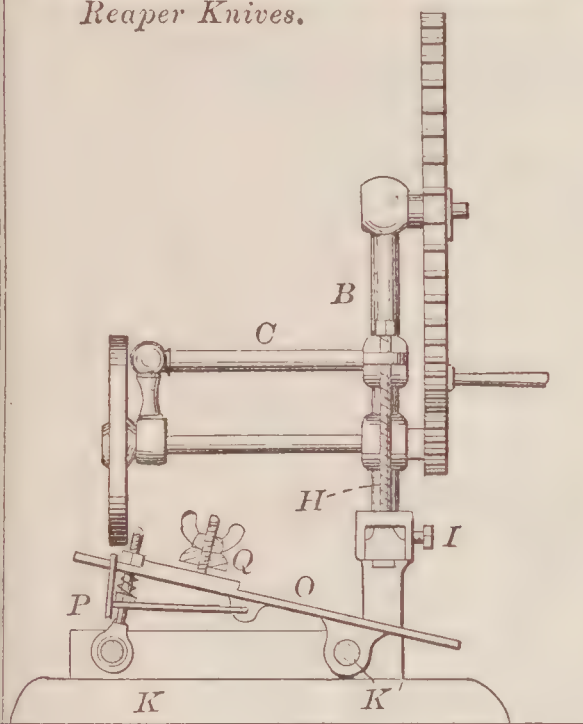
81638—Howard & Bousfield—*Steam Generator.*



81639—Hunt & Temple—*For Millstone Dressing.*

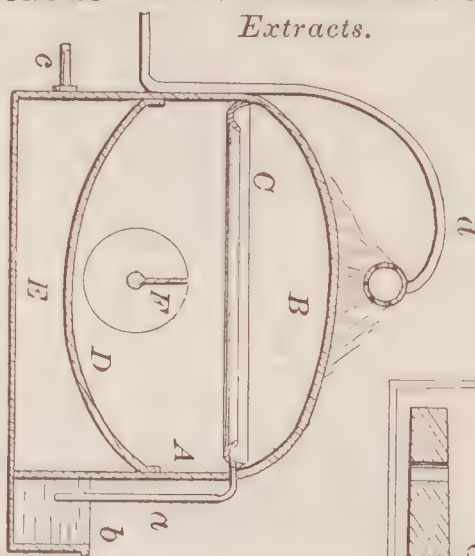


81646—F. Judson—*For Grinding Reaper Knives.*

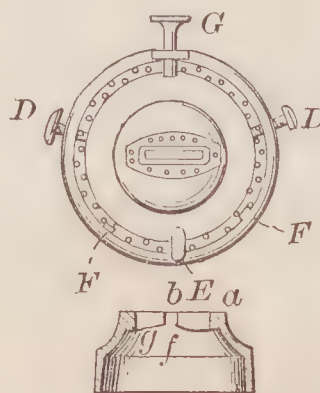
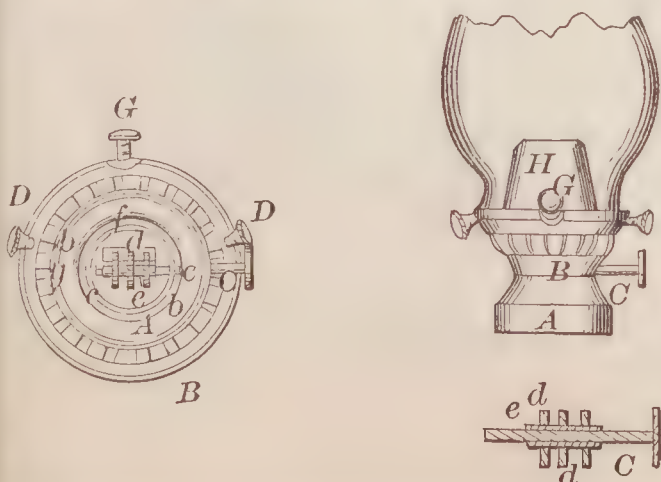


81640—J. S. Jewett—*Fence Gate.*

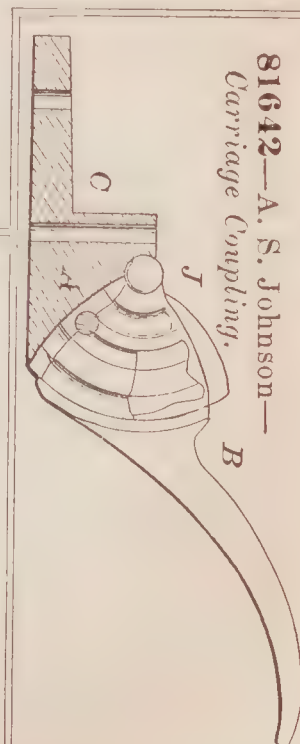
81643—T. W. Johnson—*For Concentrating Extracts.*



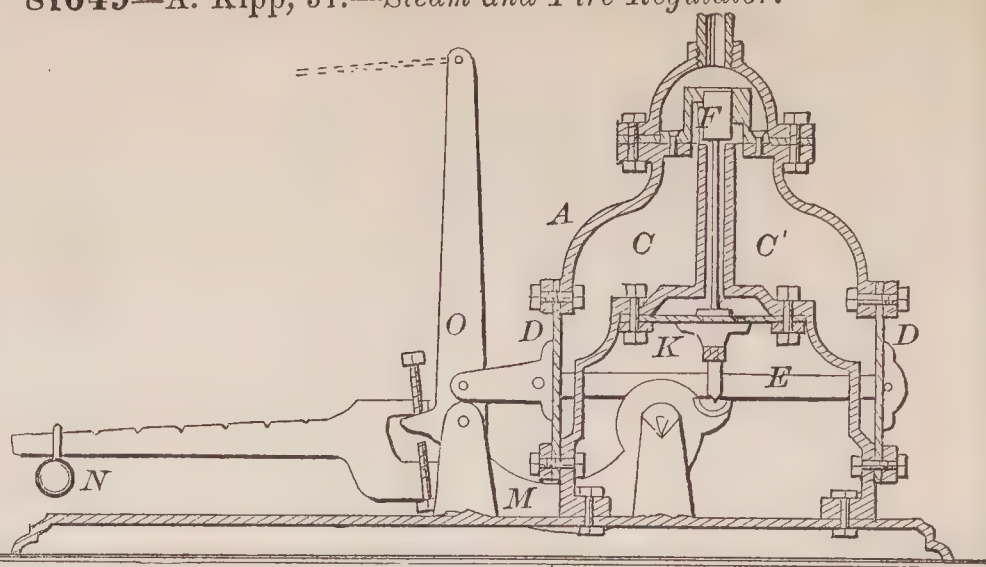
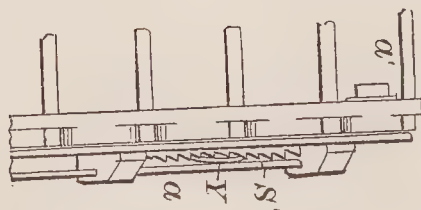
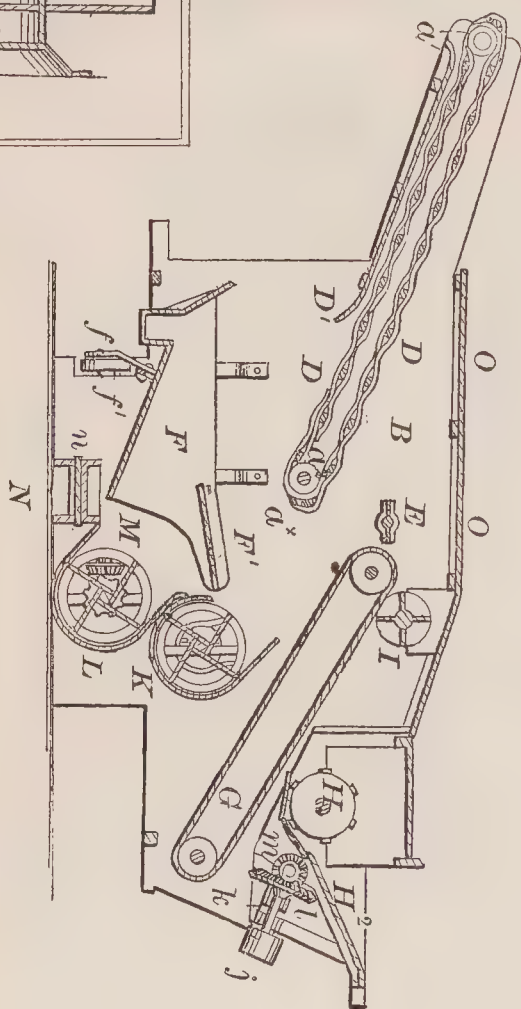
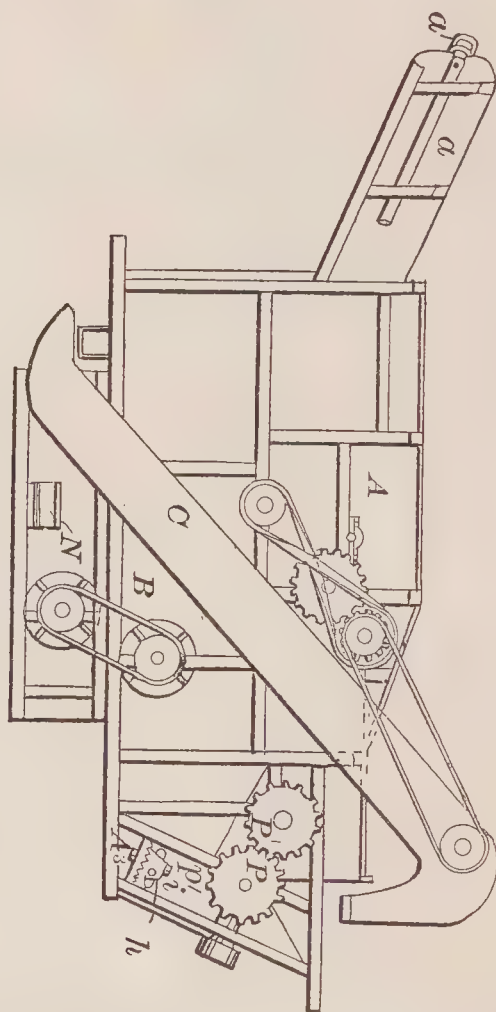
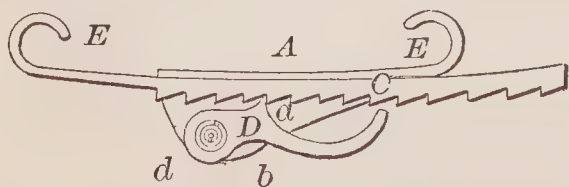
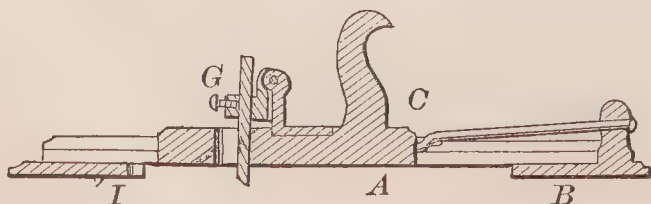
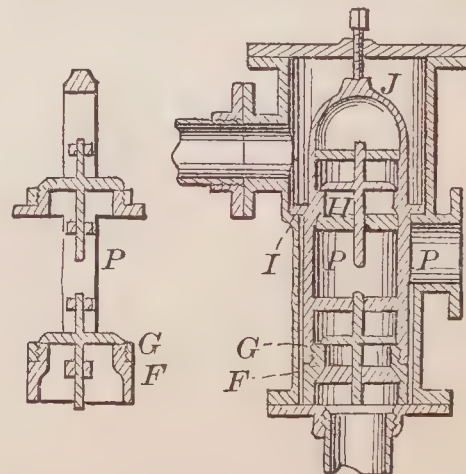
81645—A. Judson—*Lamp.*



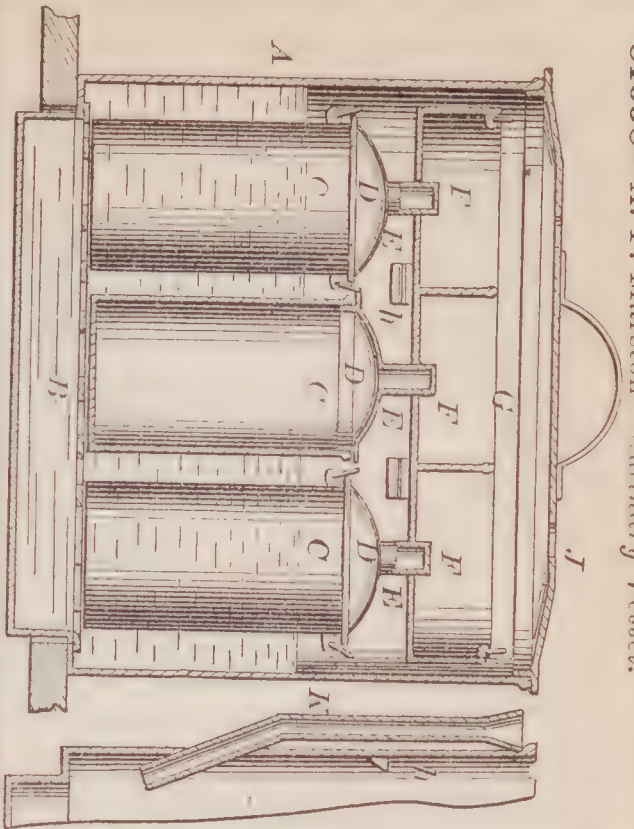
81642—A. S. Johnson—*Carriage Coupling.*



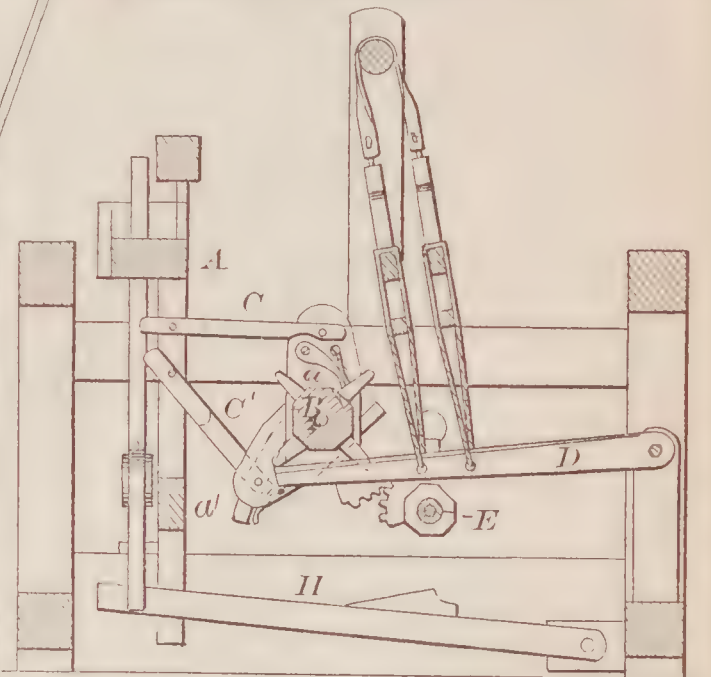


81649—A. Kipp, Jr.—*Steam and Fire Regulator.*81651—L. Kruse—*Holdback.*81647—D. Kane—*Threshing Machine.*81650—Koch & Seachrist—*Hames Fastener.*81652—J. Langham—*For Slitting Boards.*81648—W. H. Keep—*Pump.*

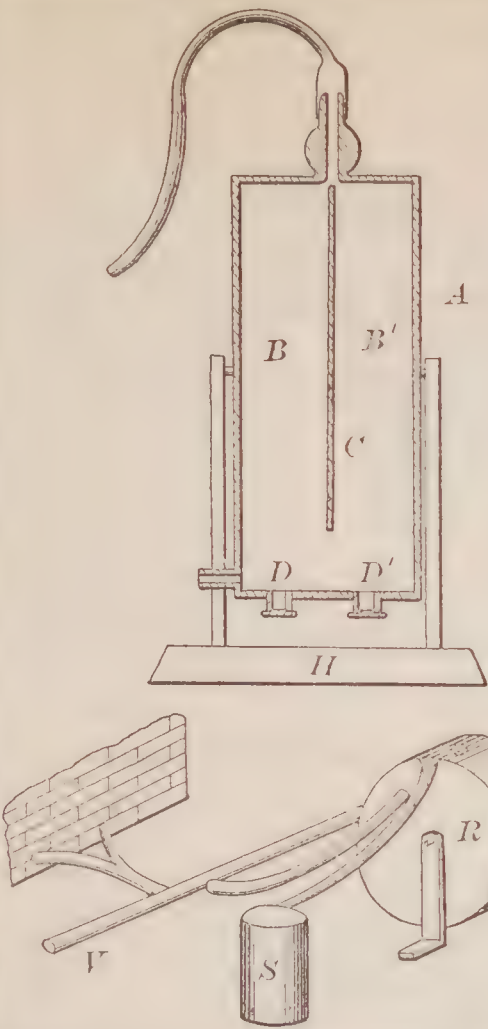
81658—A. F. Marston—*Culinary Vessel.*



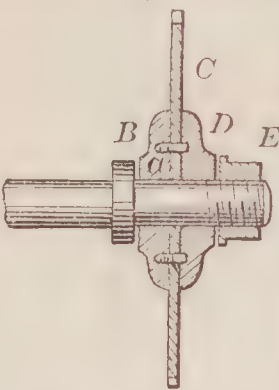
81656—E. Lowe—*Hand Loom.*



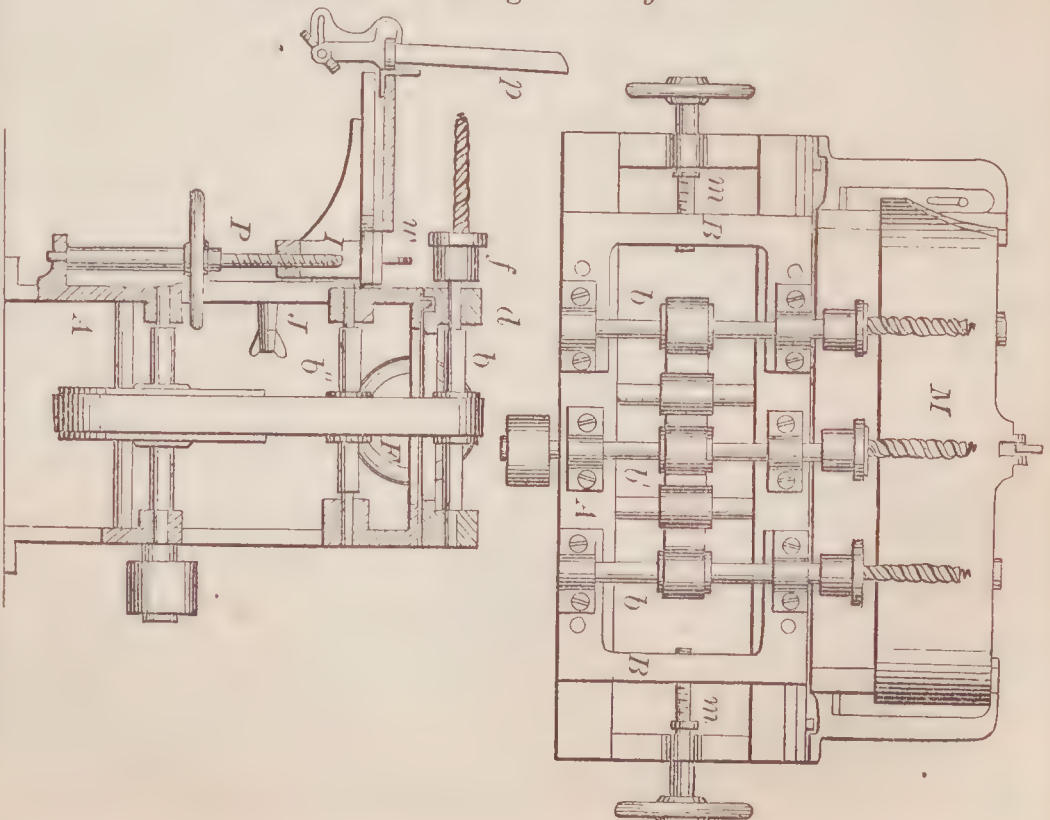
81653—R. Lapham—*For Extinguishing Fires.*



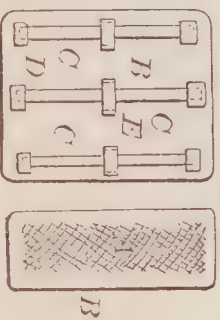
81661—W. McDonald—*Hanging Circular Saws.*



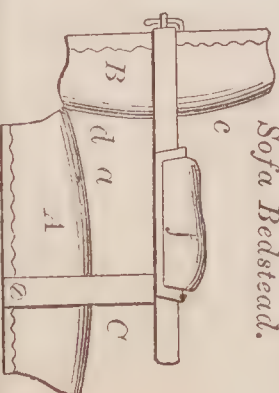
81655—C. R. Long—*Boring Machine.*



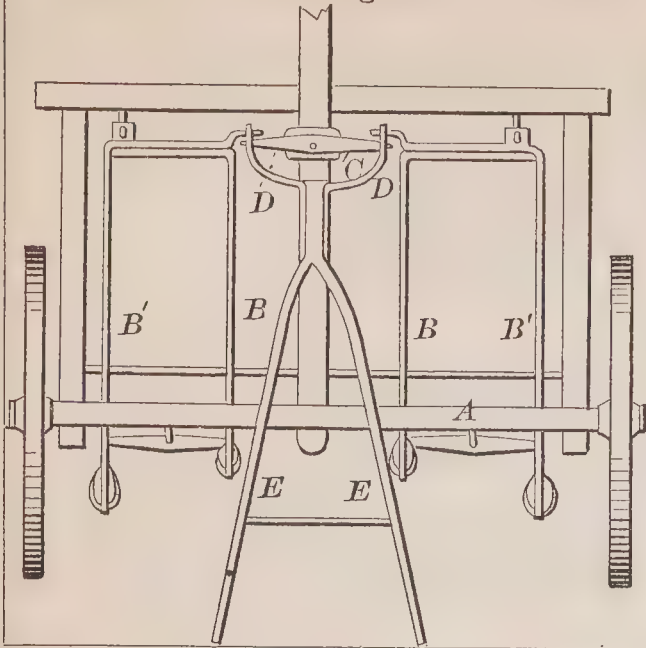
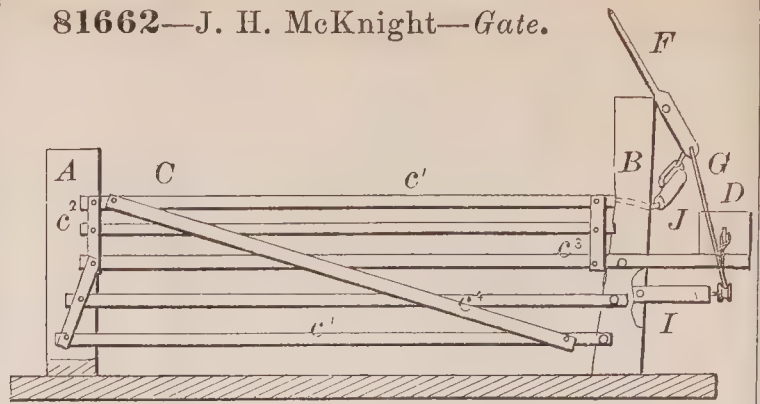
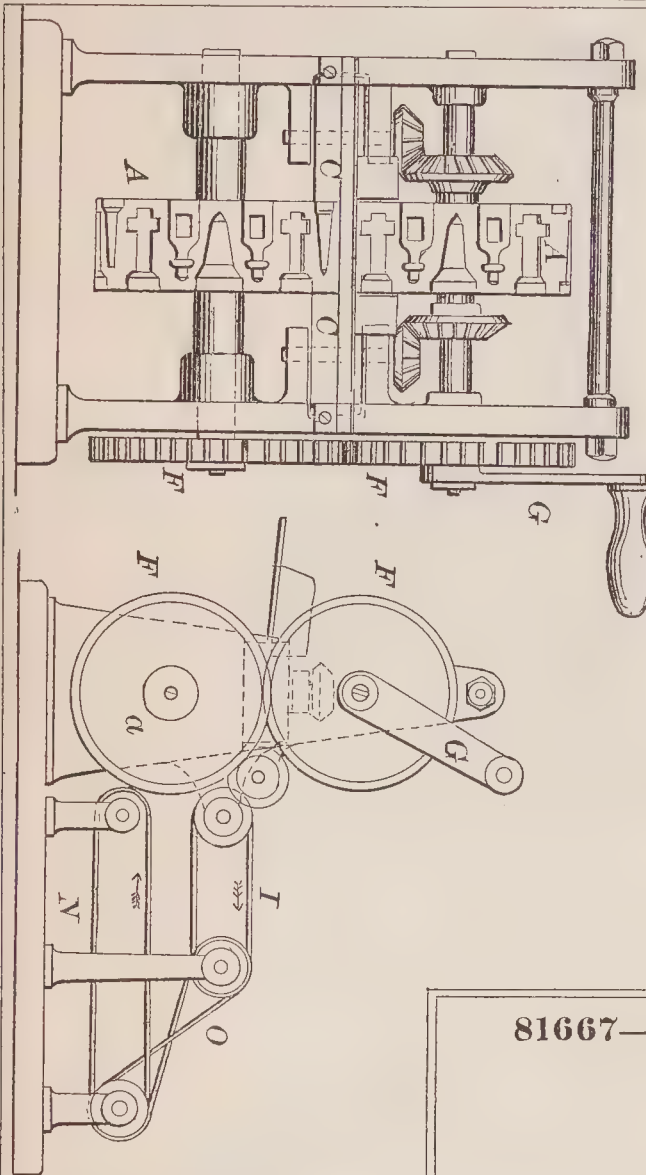
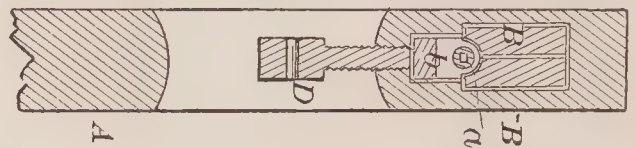
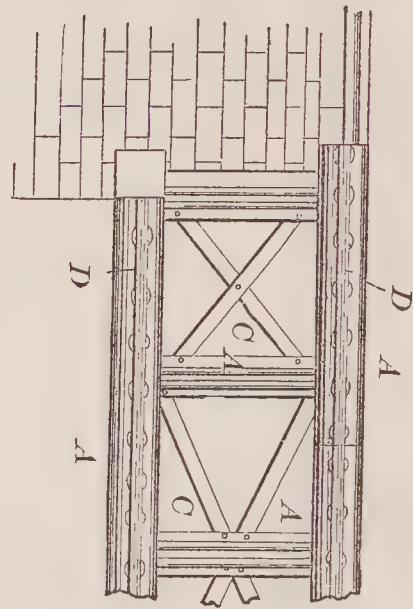
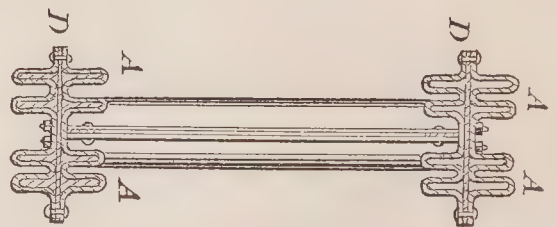
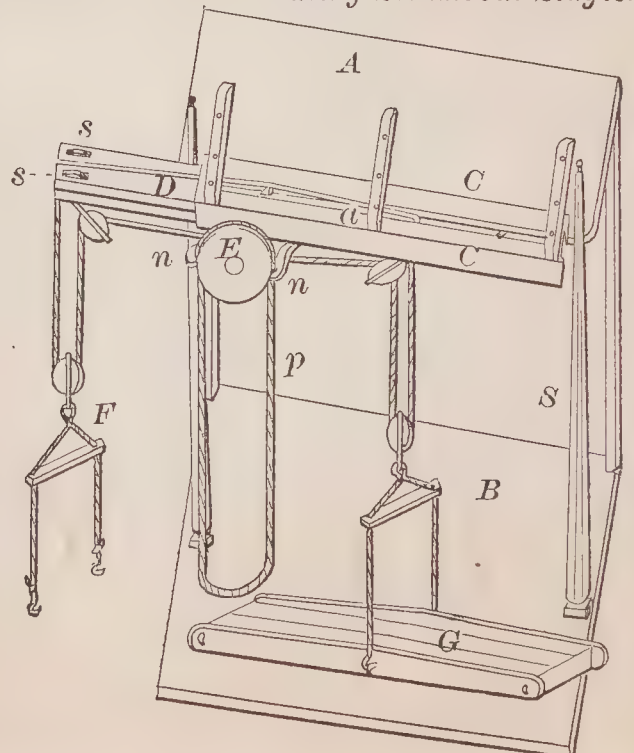
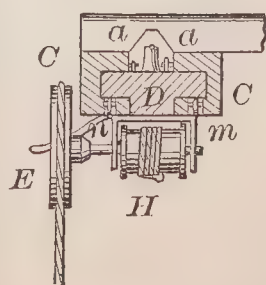
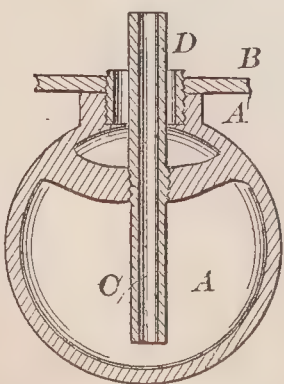
81657—J. Lynch—*Adhesive Plaster.*



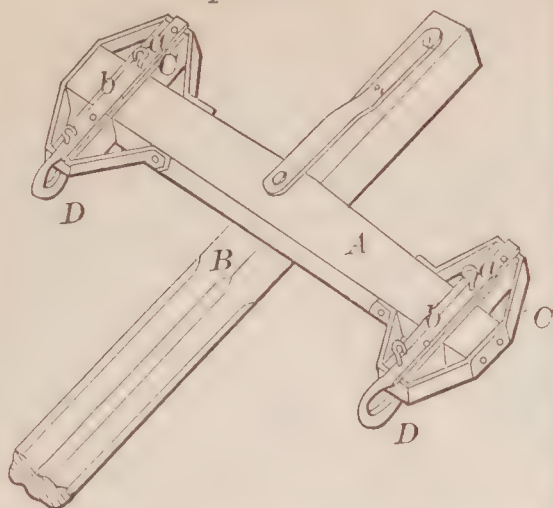
81659—M. K. Maximilian—*Sofa Bedstead.*



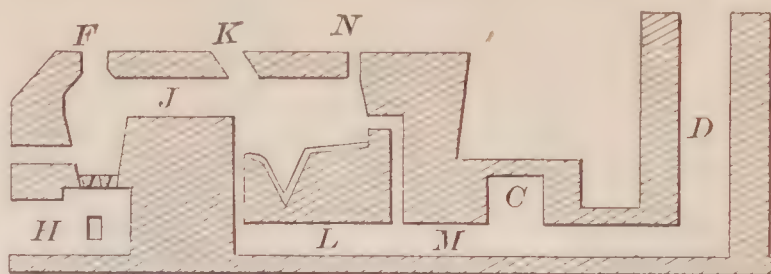


81660—A. McCreight—*Corn Plow.*81662—J. H. McKnight—*Gate.*81664—J. C. Millerd—*Expanding Mandrel.*81665—T. & G. M. Mills—*For Making Candy Toys.*81666—R. & M. J. Montgomery—*Bridge.*81667—Moore & Hastie—*For Handling Steamboat Stages.*81668—W. Moses—*Steam Generator.*

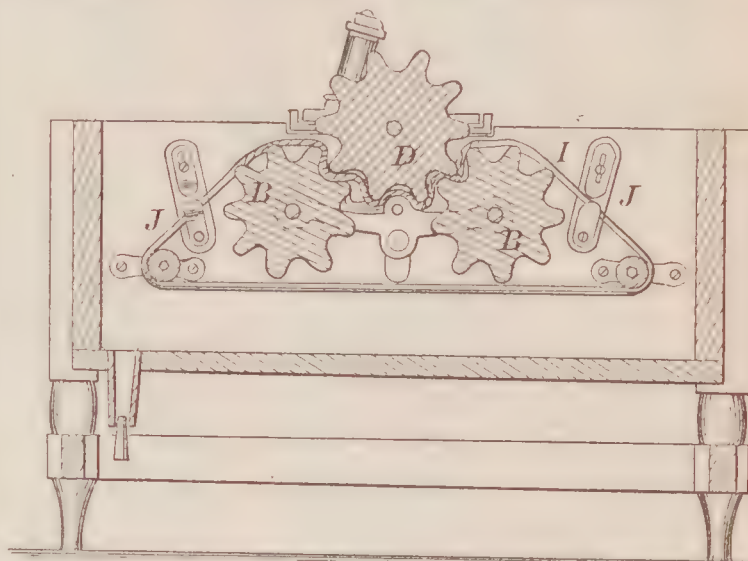
81669—G. A. Mosher—*Draft Equalizer.*



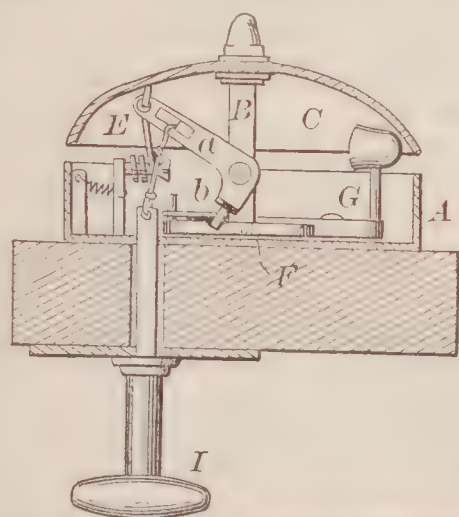
81671—E. W. Nohl—*Furnace for Smelting Ores.*



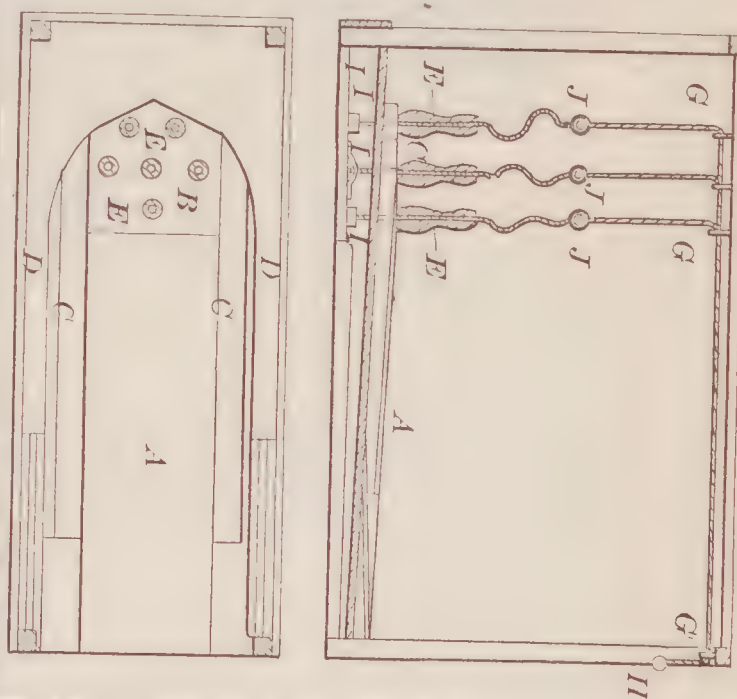
81674—J. Osterhout—*Washing Machine.*



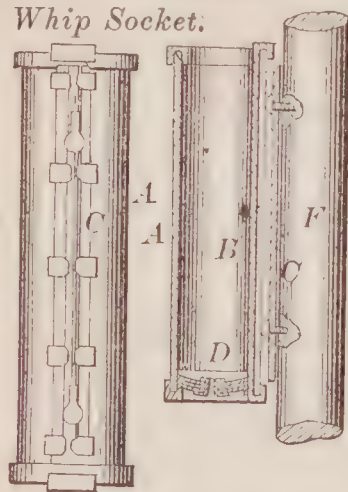
81672—O. B. Oakley—*Door Bell.*



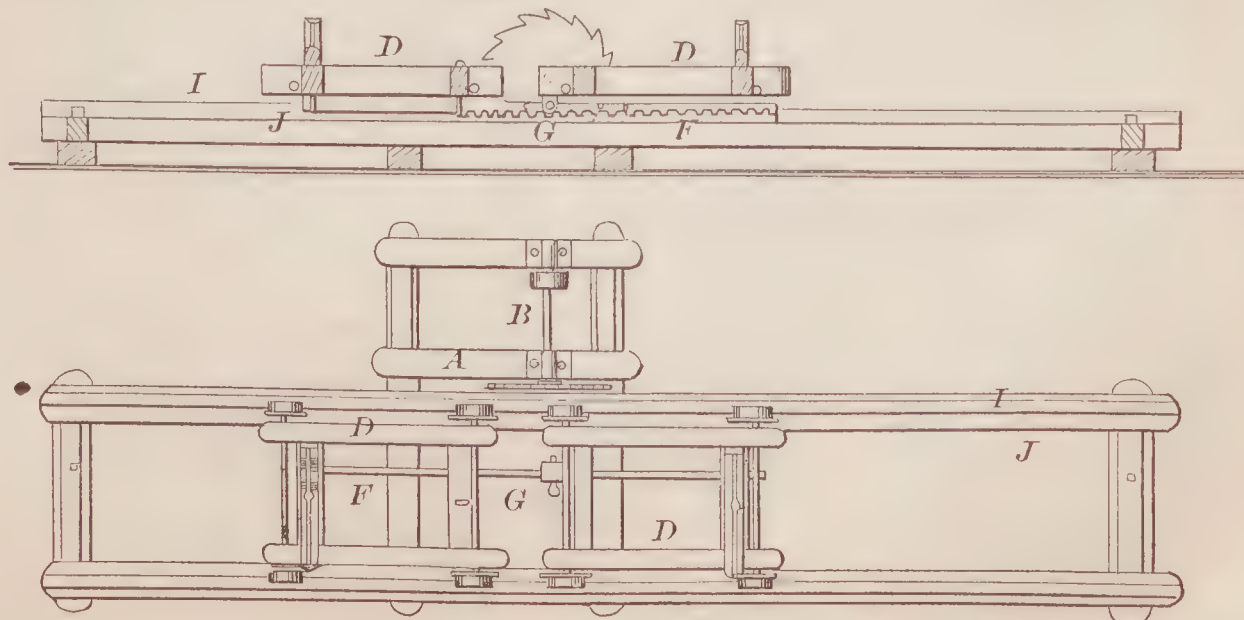
81676—J. D. Patrick—*Ball Alley.*



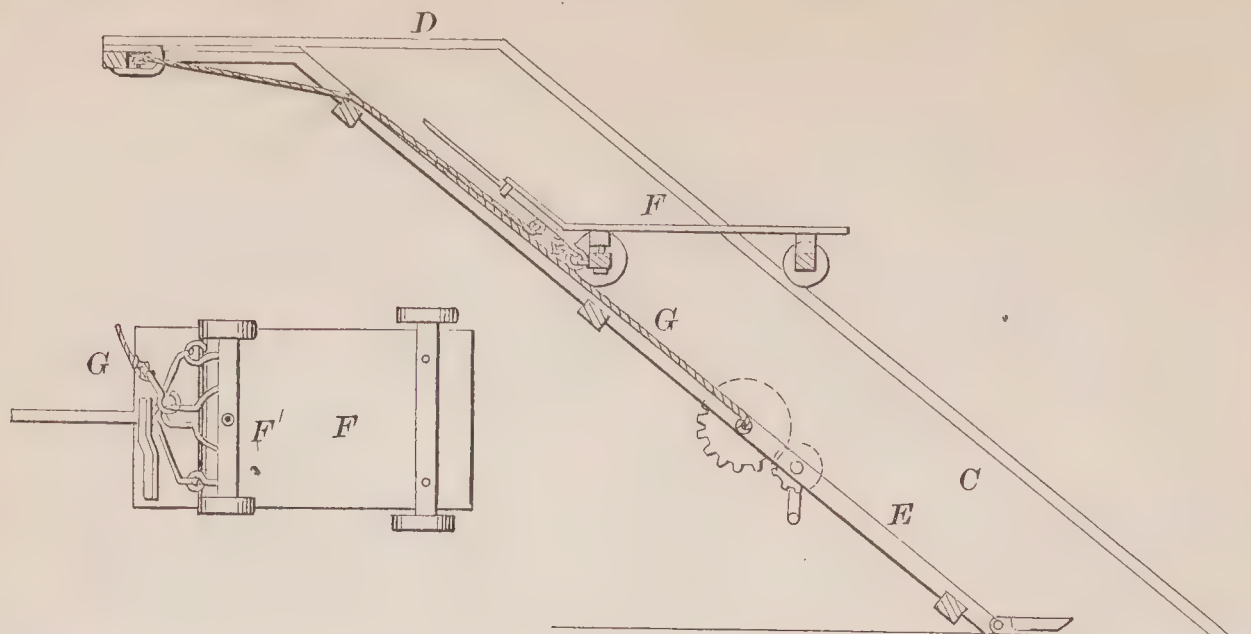
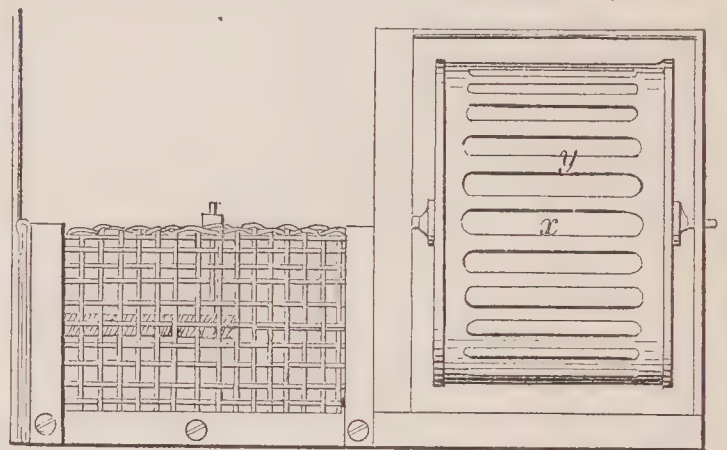
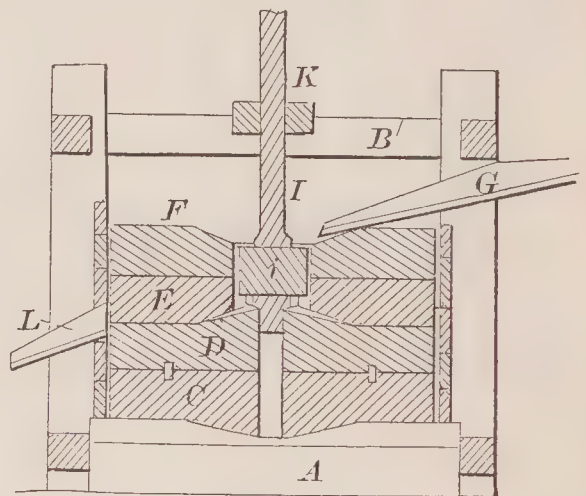
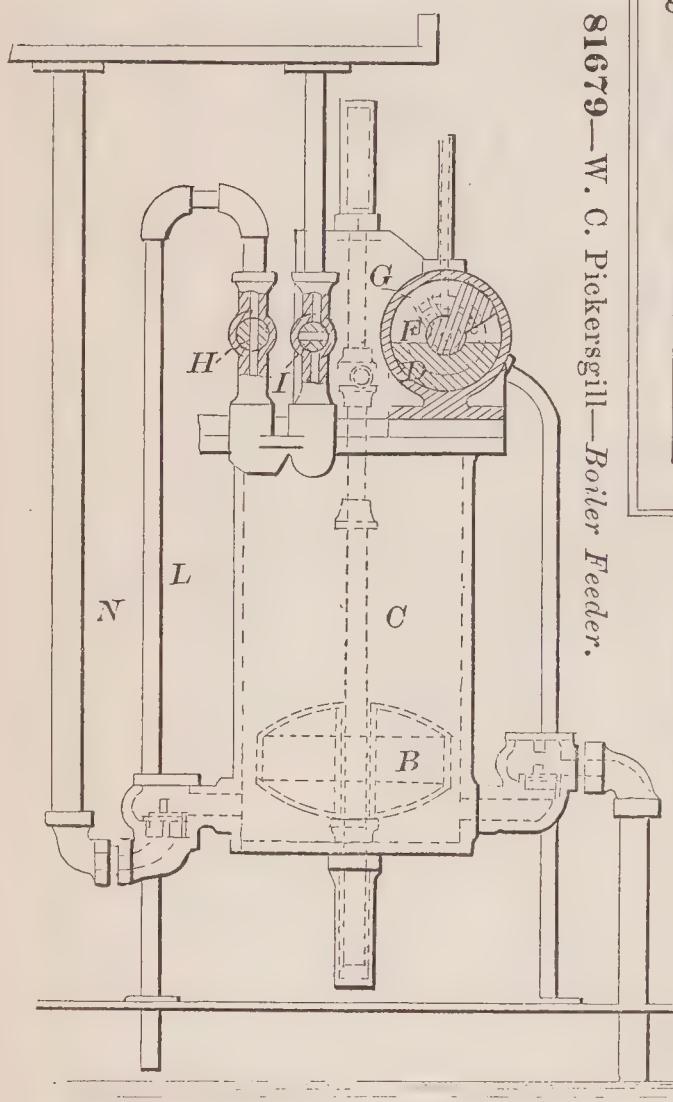
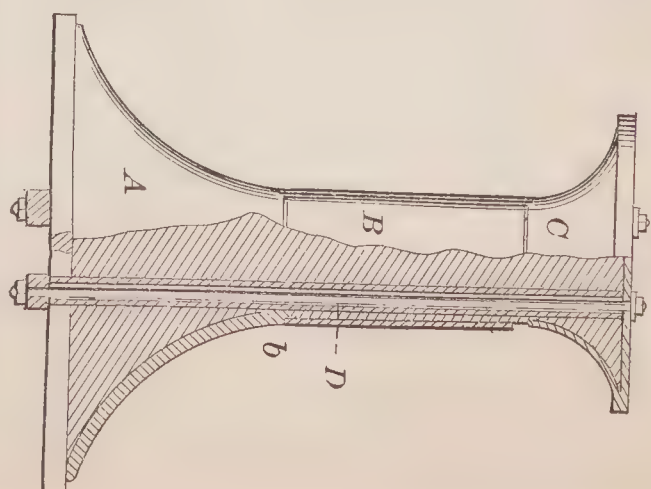
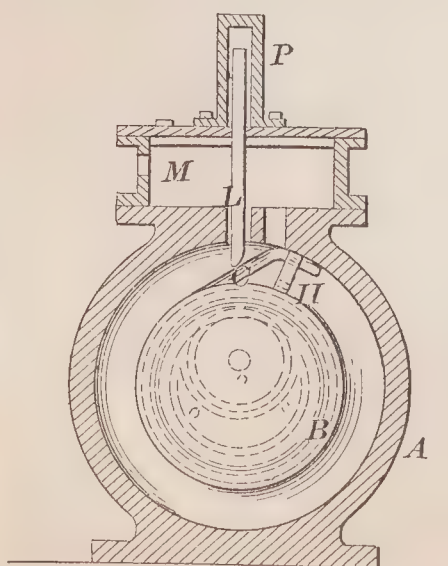
81675—L. J. Parsons—*Whip Socket.*



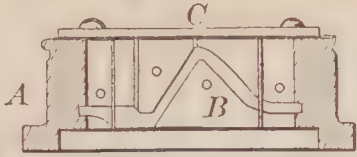
81673—J. Orm—*Circular Saw Mill.*



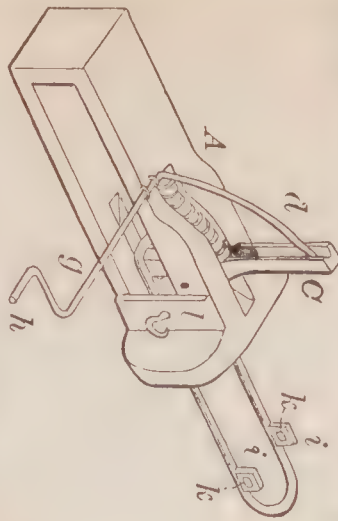
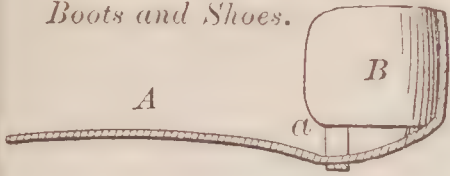


81677—J. W. Pearce—*Car and Track for Inclined Planes.*81678—G. R. Peckham—*Wheel for Cages.*81680—R. Plummer—*Quartz Mill.*81679—W. C. Pickersgill—*Boiler Feeder.*81682—W. B. Porter—*Iron Pier.*81681—J. Poppe—*Pump.*

81683—E. K. Pray—*Knitting Machine.*

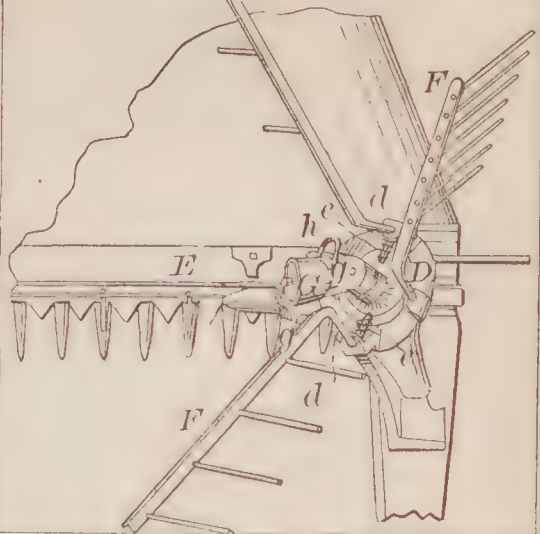


81690—M. E. Savoy—*Counter and Shank for Boots and Shoes.*

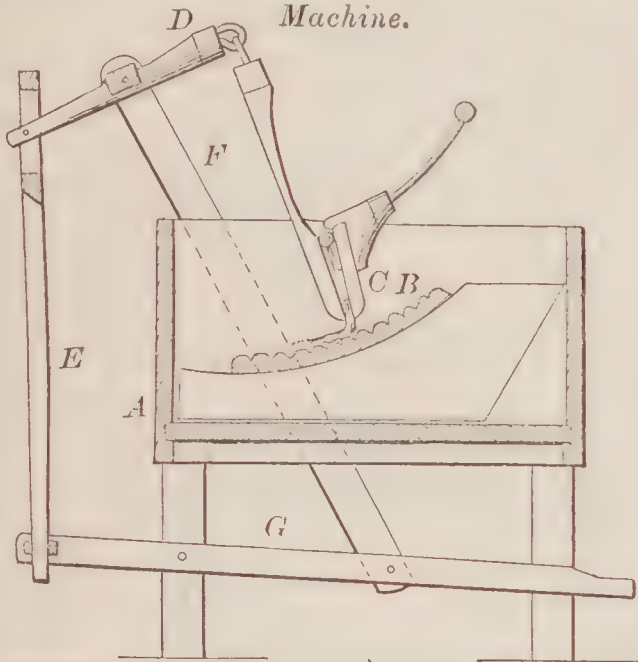


81689—A. Sanders—*Car Coupling.*

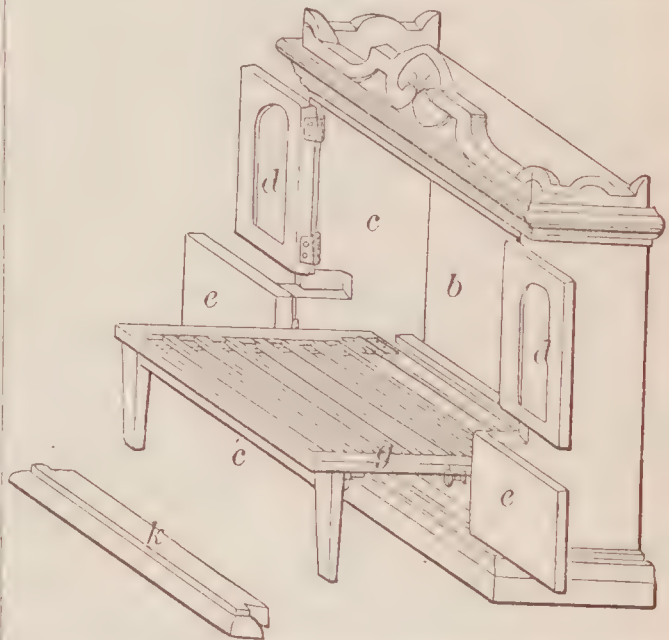
81685—K. H. C. Preston—*Harvester Rake.*



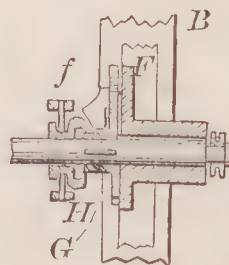
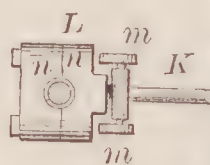
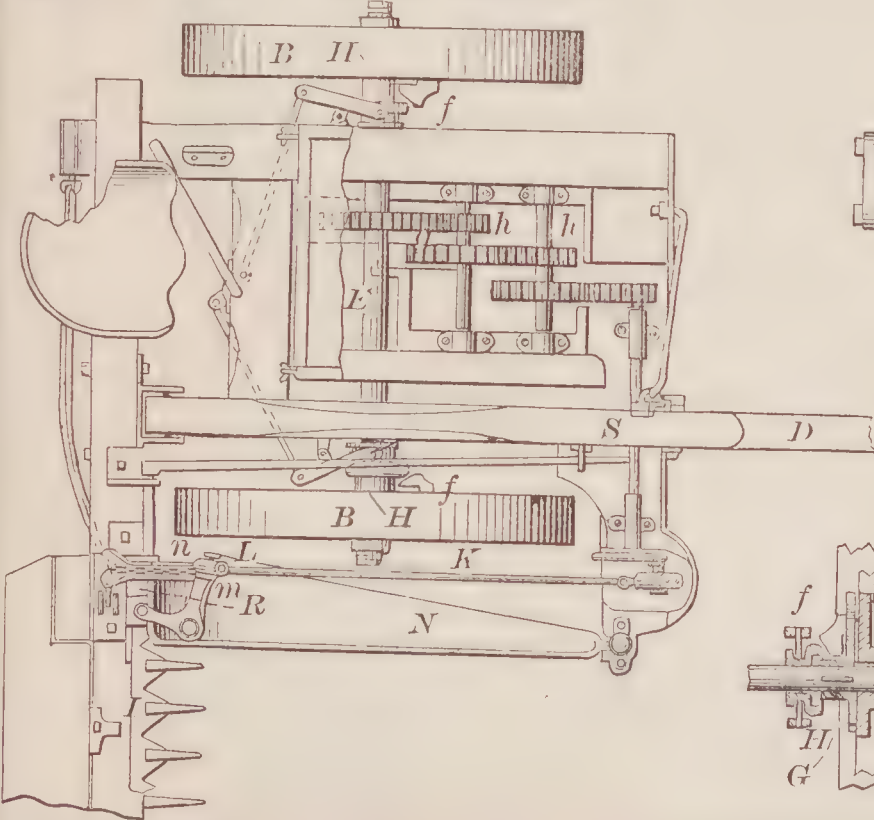
81688—Ross & Adamson—*Washing Machine.*



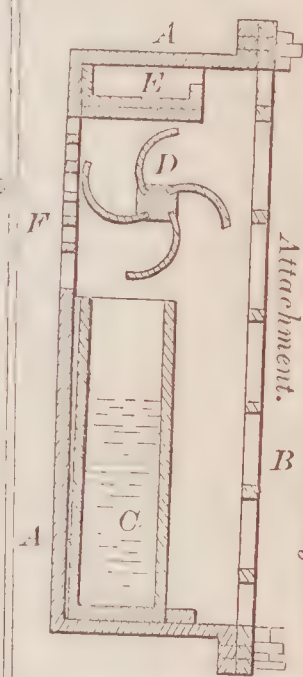
81687—E. Putnam—*Book Case Bedstead.*



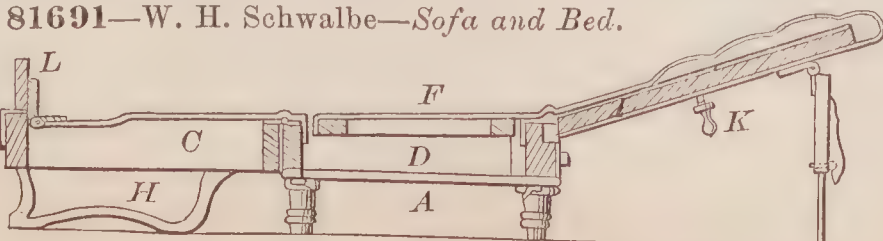
81686—K. H. C. Preston—*Harvester.*



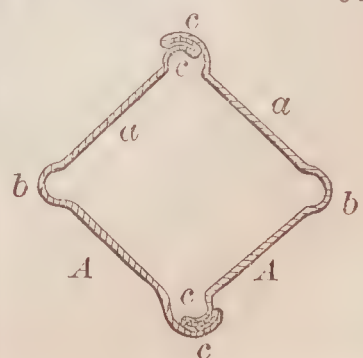
81695—H. Sinclair—*Hot Air Register Attachment.*



81691—W. H. Schwalbe—*Sofa and Bed.*

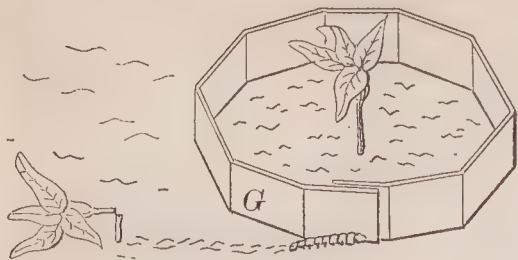


81692—C. Seimel—*Can.*

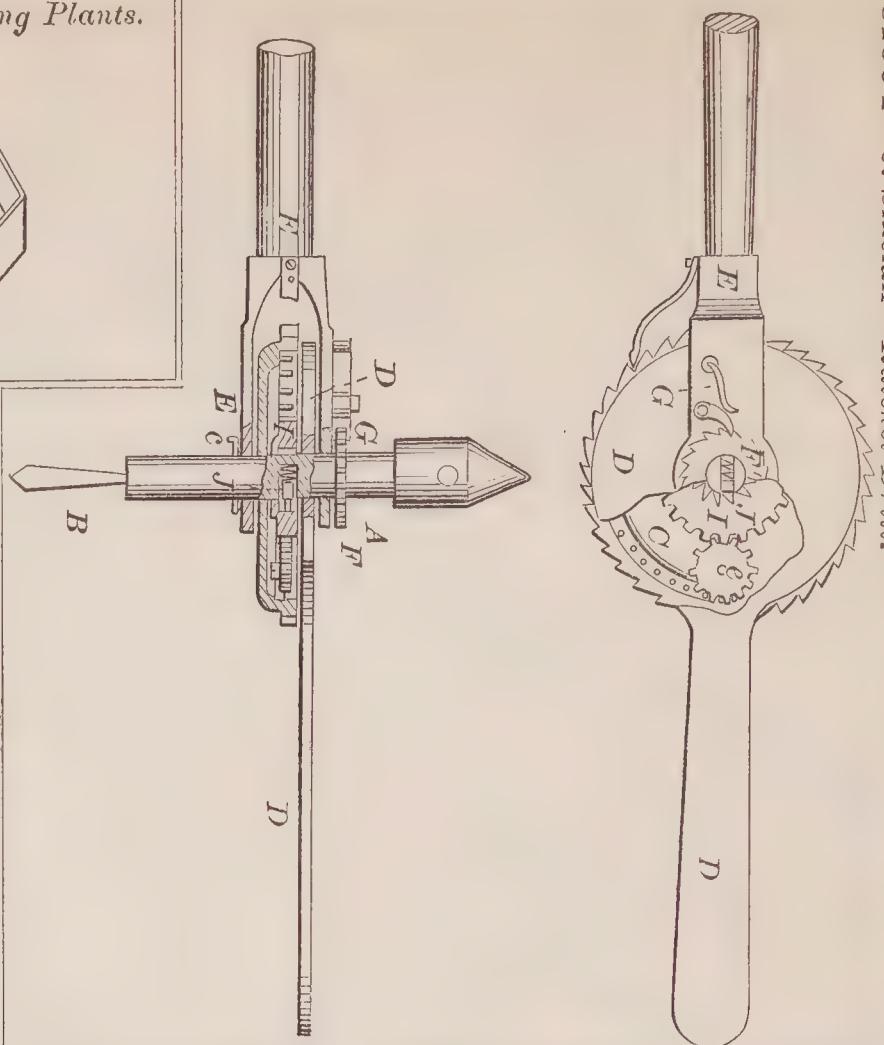




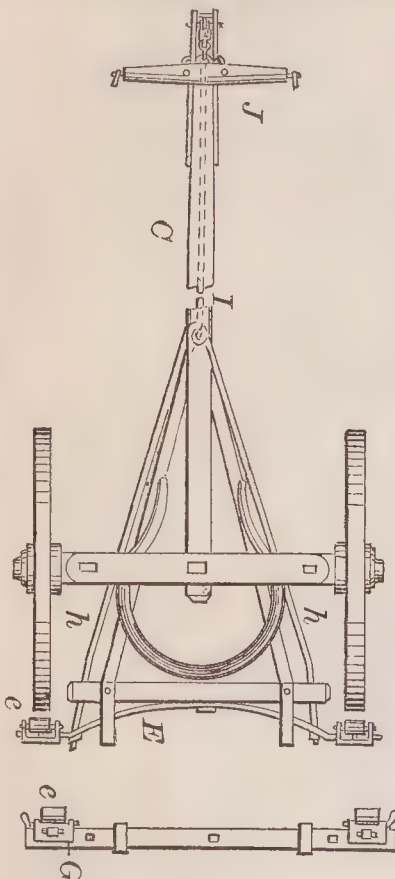
81693—J. Shepard—*Protecting Plants.*



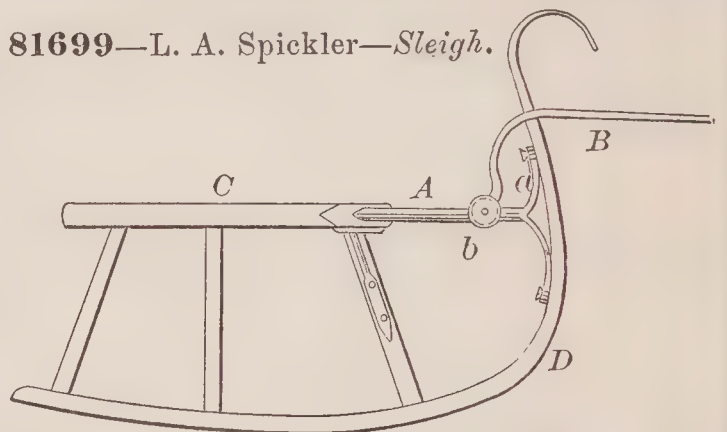
81694—C. Sinclair—*Ratchet Drill.*



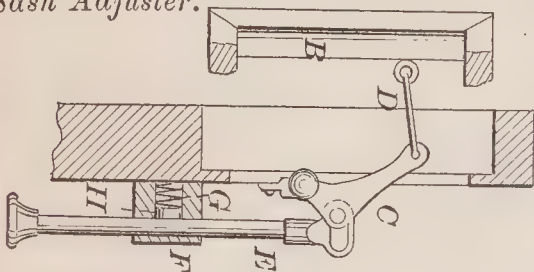
81696—T. Smith—*Wagon Brake.*



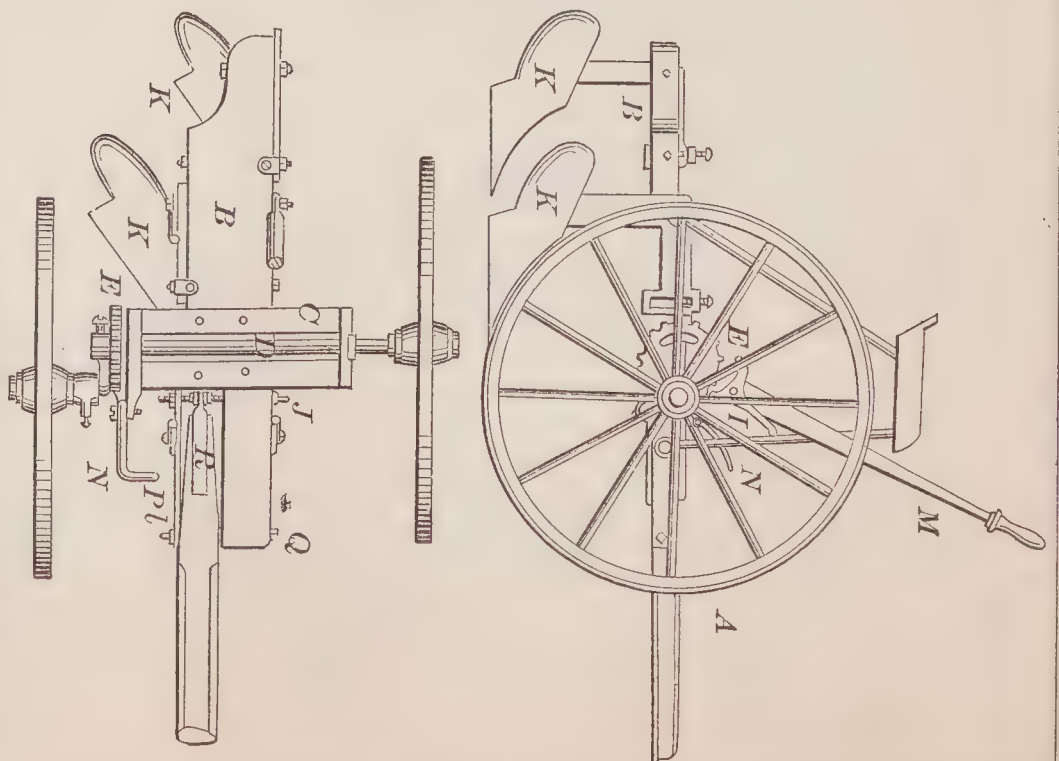
81699—L. A. Spickler—*Sleigh*.



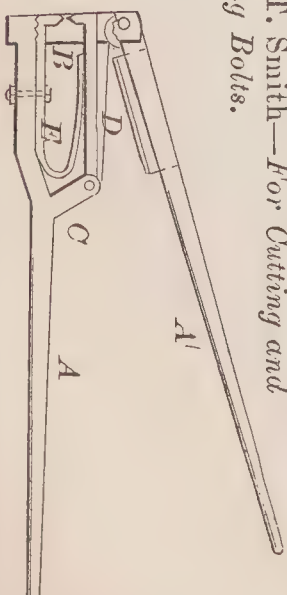
**81703**—Stickney & McGee—*Ventilating Sash Adjuster.*



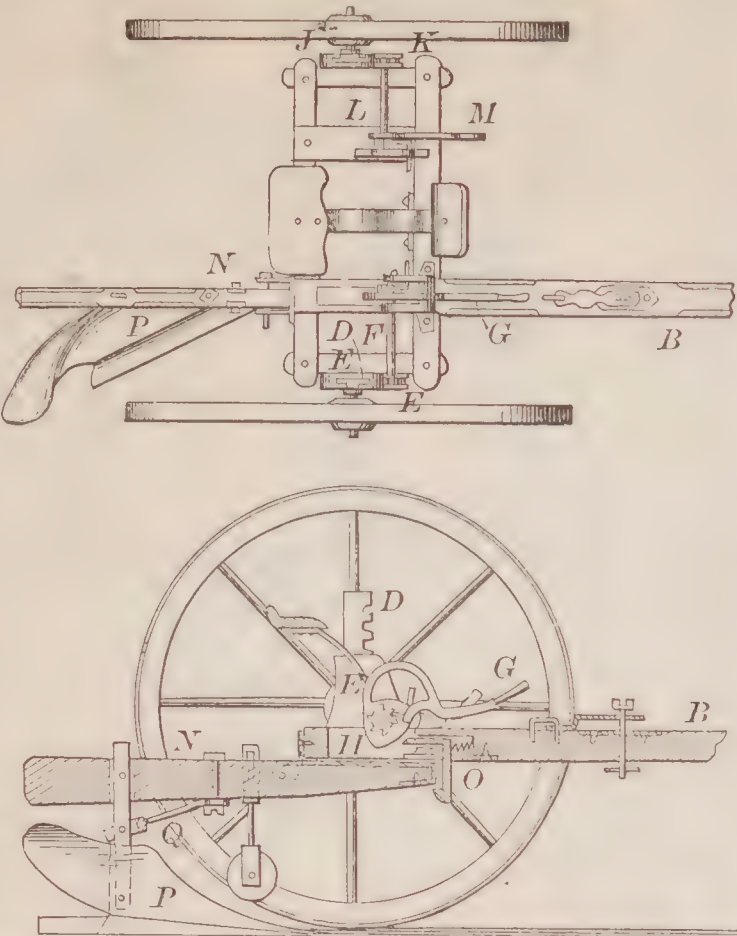
81700—P. H. Standish—*Gang Plow.*



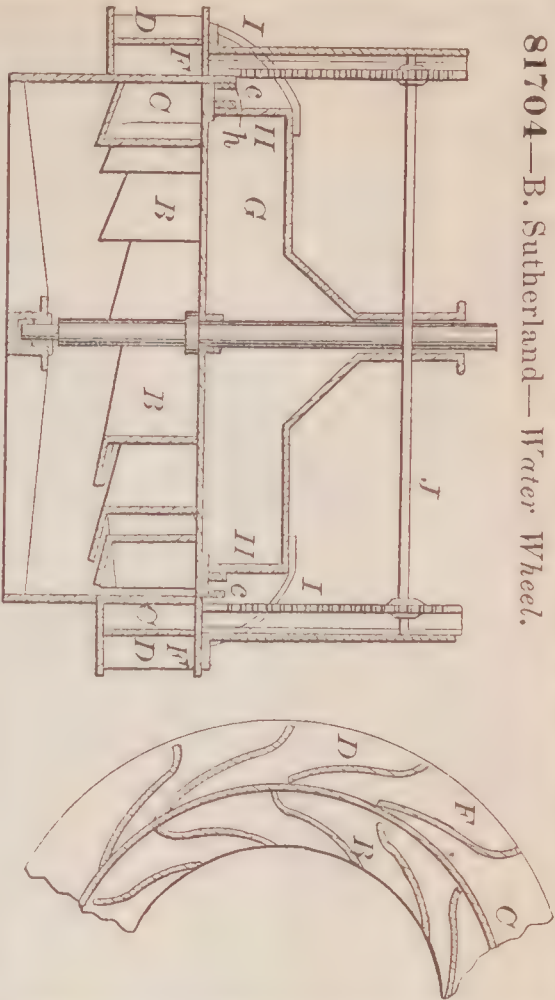
81697—T. Smith—For Cutting and Shearing Bolts.



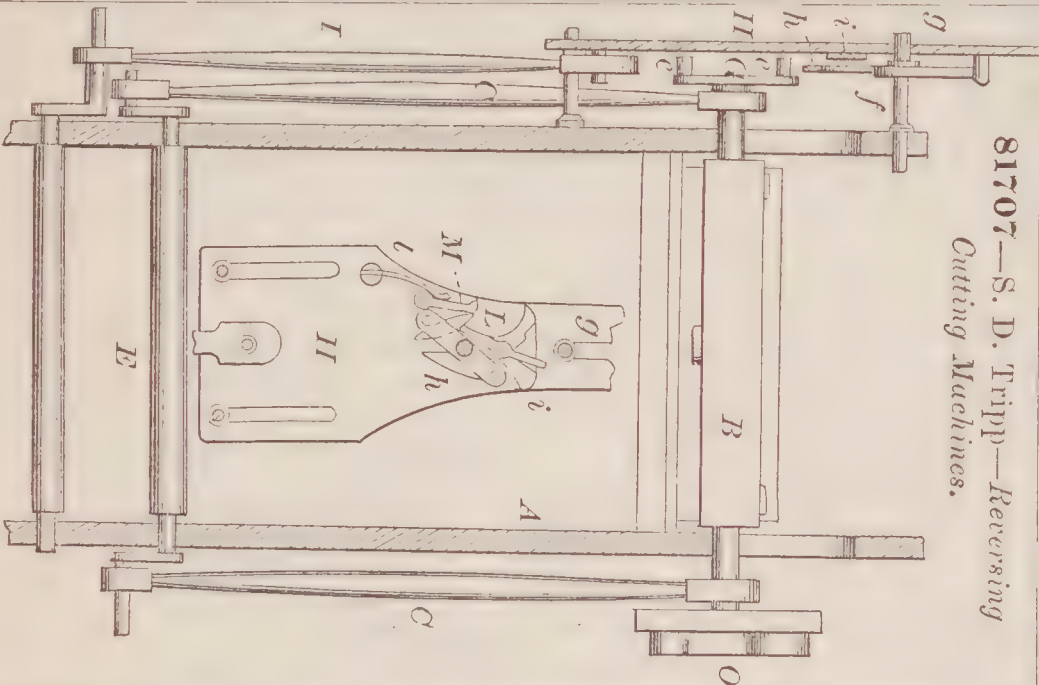
81701—Stanley & Ensign—Sulky Plow.



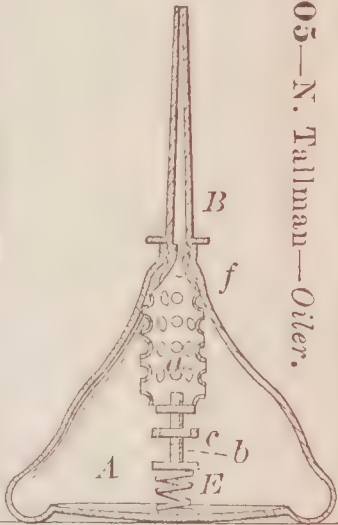
81704—B. Sutherland—Water Wheel.



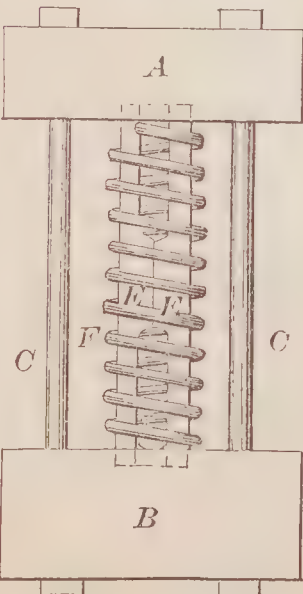
81707—S. D. Tripp—Reversing Cutting Machines.



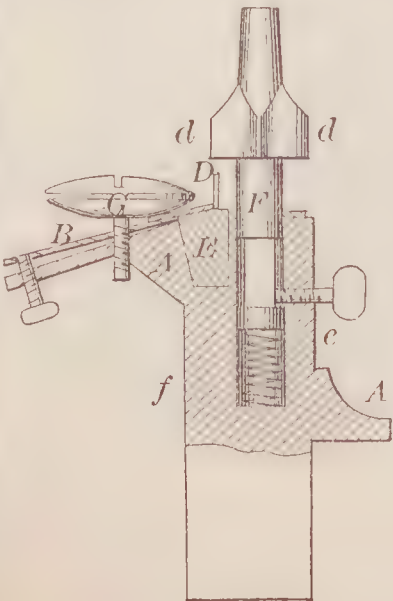
81705—N. Tallman—Oiler.



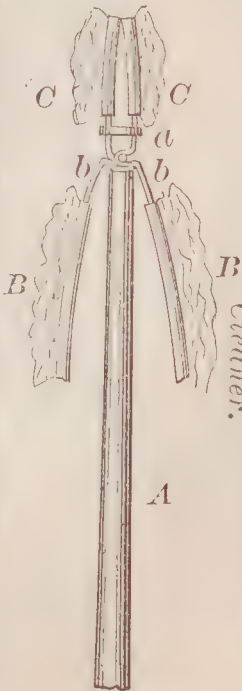
81706—B. C. Taylor—Horse Hay Rake.



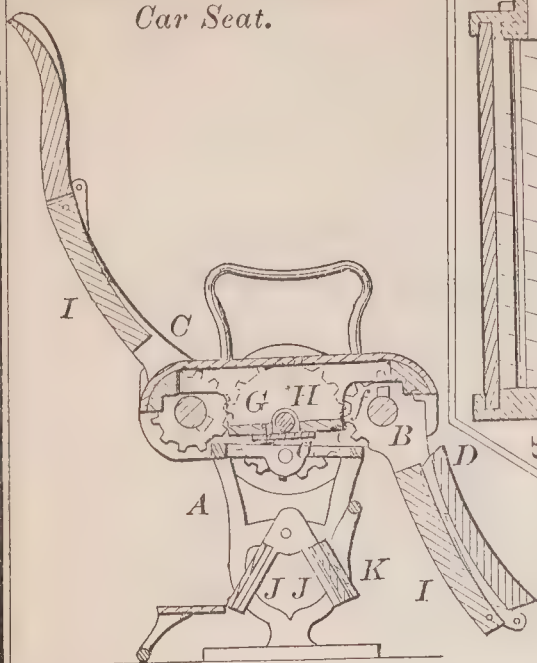
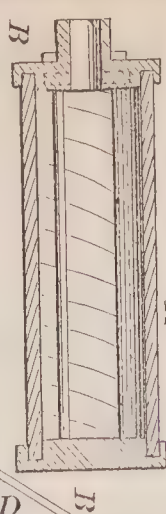
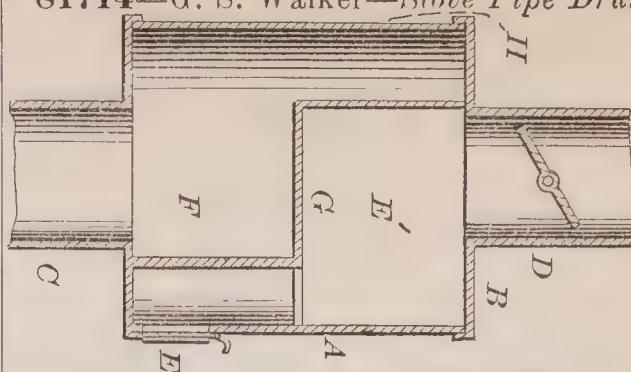
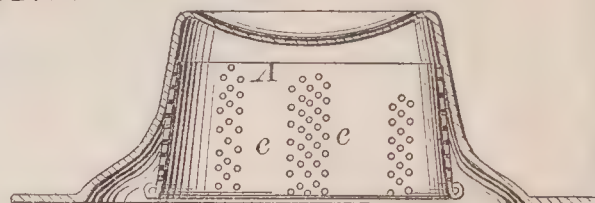
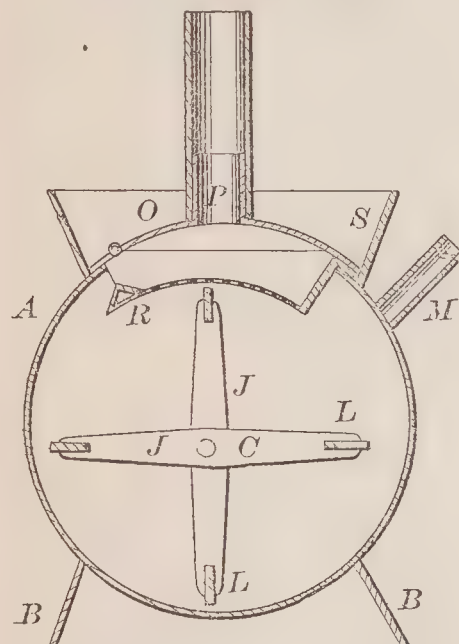
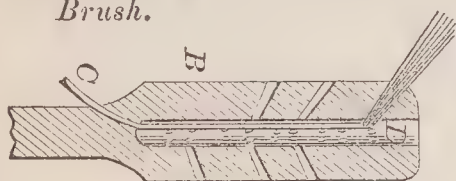
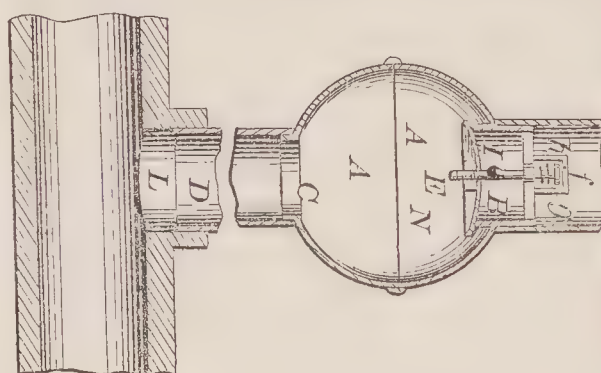
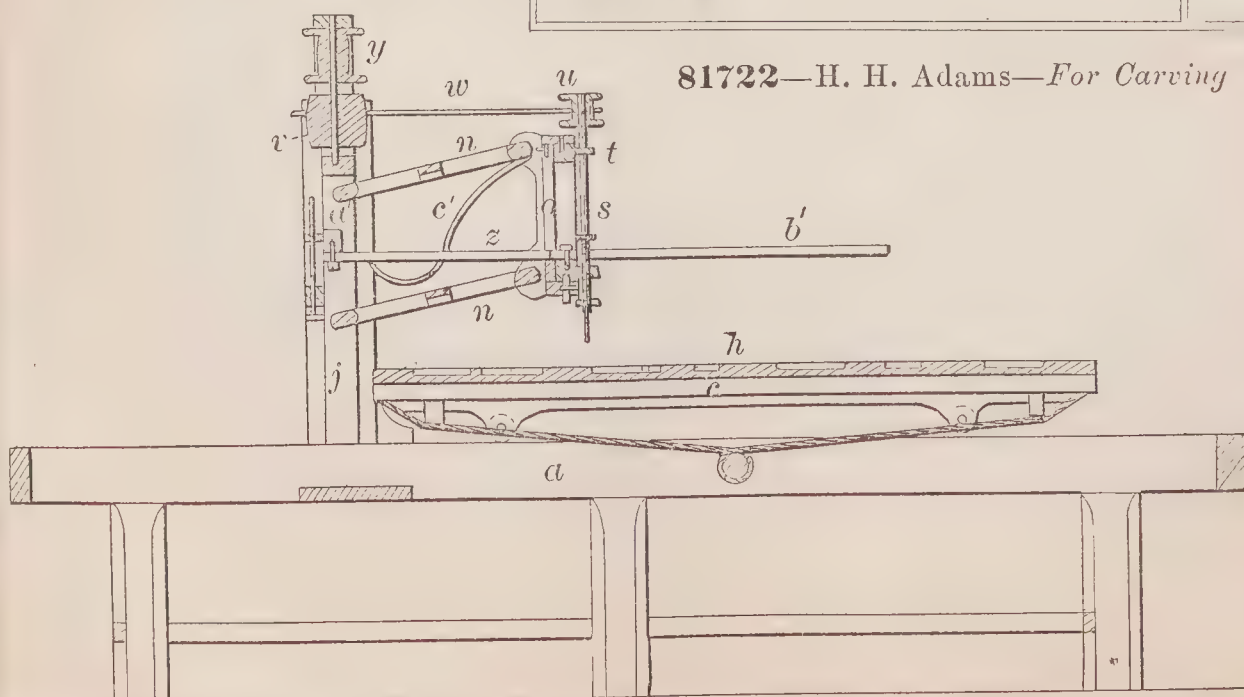
81708—J. Uhl—Saw Set.



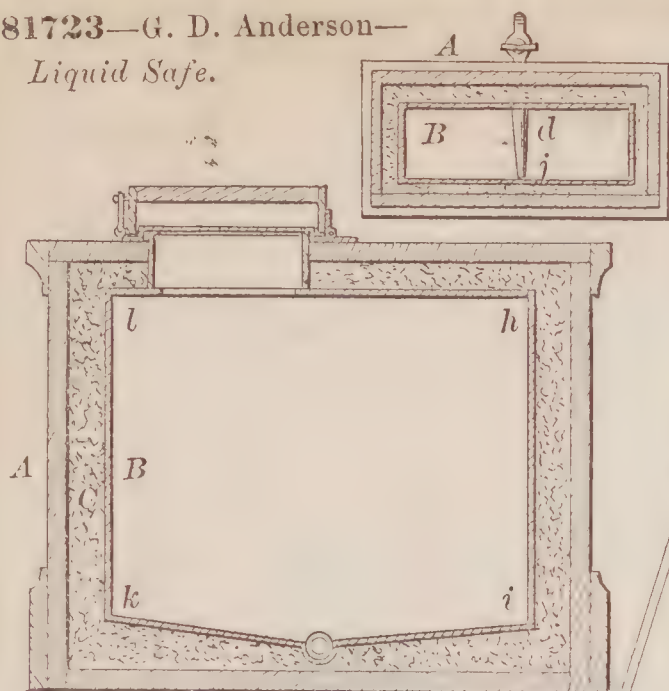
81710—N. A. Yurgason—Lamp Chimney Cleaner.





81712—F. F. Wagner—*Car Seat.*81713—C. W. Wailey—*Paper Reservoir for Compressed Air.*81714—G. S. Walker—*Stove Pipe Drum.*81715—M. S. Watkins—*Hat.*81717—D. M. Weston—*Belt Punch.*81716—J. Watts—*Churn.*81718—G. Wiesler—*Tumbler Brush.*81720—I. Williams—*Adjustable Measuring Rule.*81719—F. H. Williams—*Stench Trap.*81722—H. H. Adams—*For Carving Wood.*

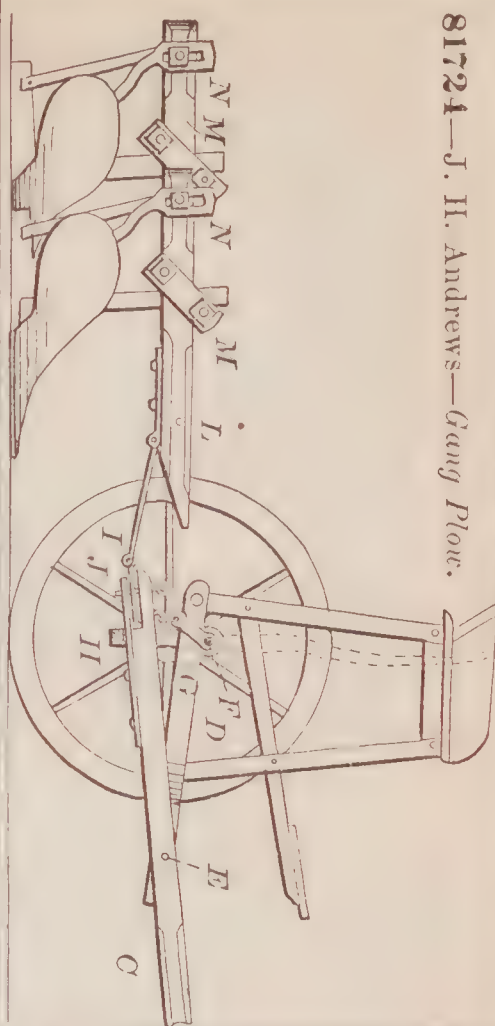
81723—G. D. Anderson—  
*Liquid Safe.*



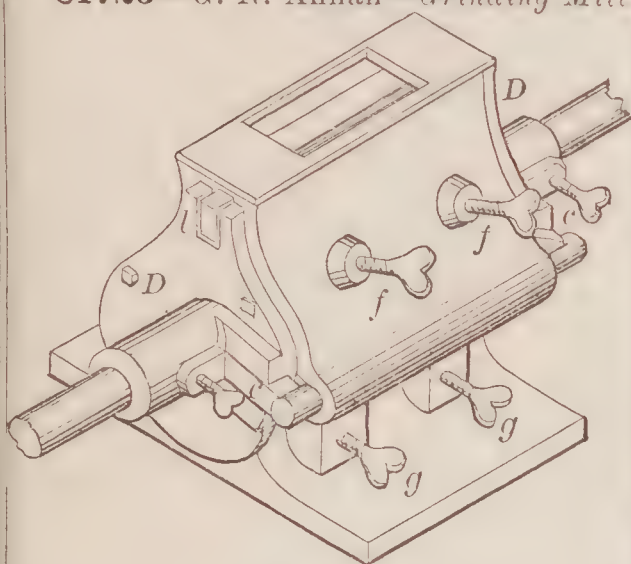
81726—C. S. Ambruster—*Hay Fork.*



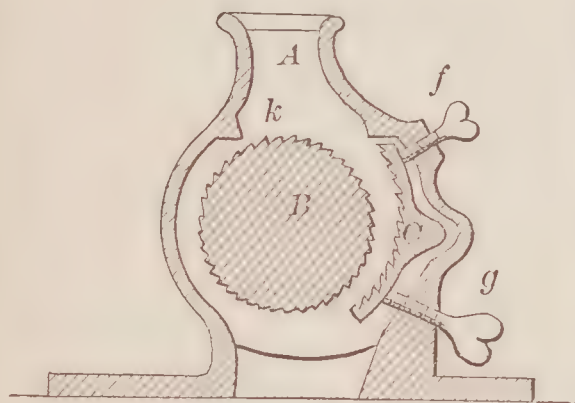
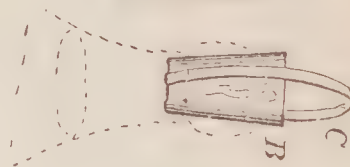
81724—J. H. Andrews—*Gang Plow.*



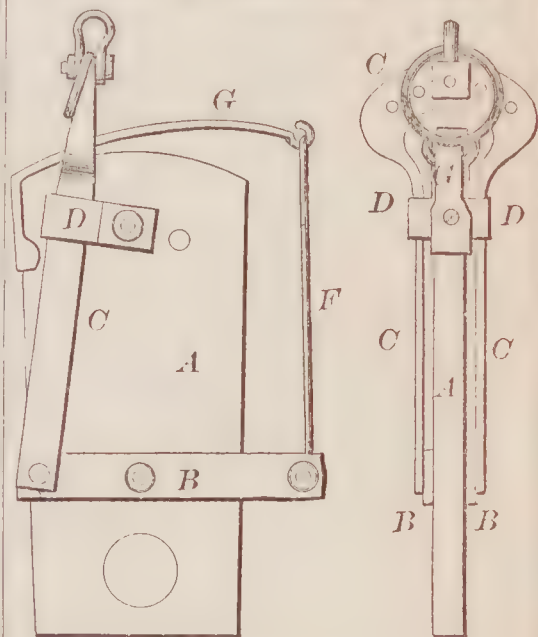
81725—G. N. Annan—*Grinding Mill.*



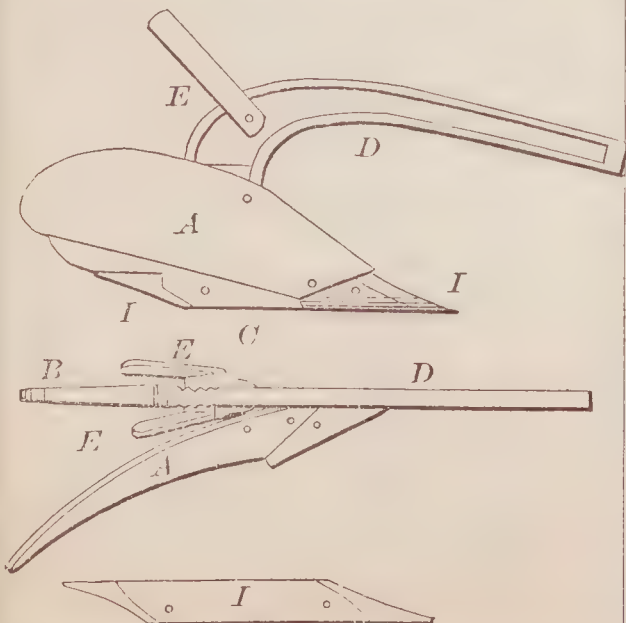
81728—J. Autenrieth—*Cork Extractor.*



81731—J. Ball—*Plow Clevis.*



81730—J. Ball—*Plow.*

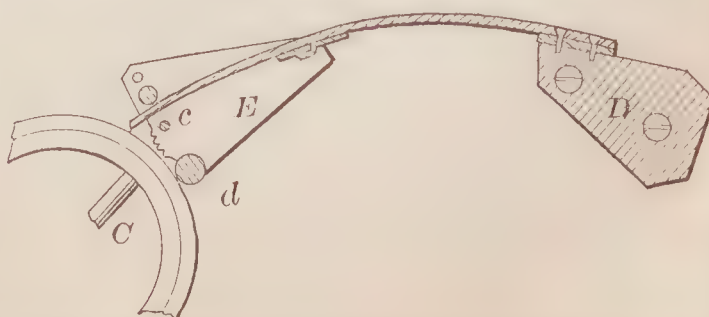


*Paper Clasp.*

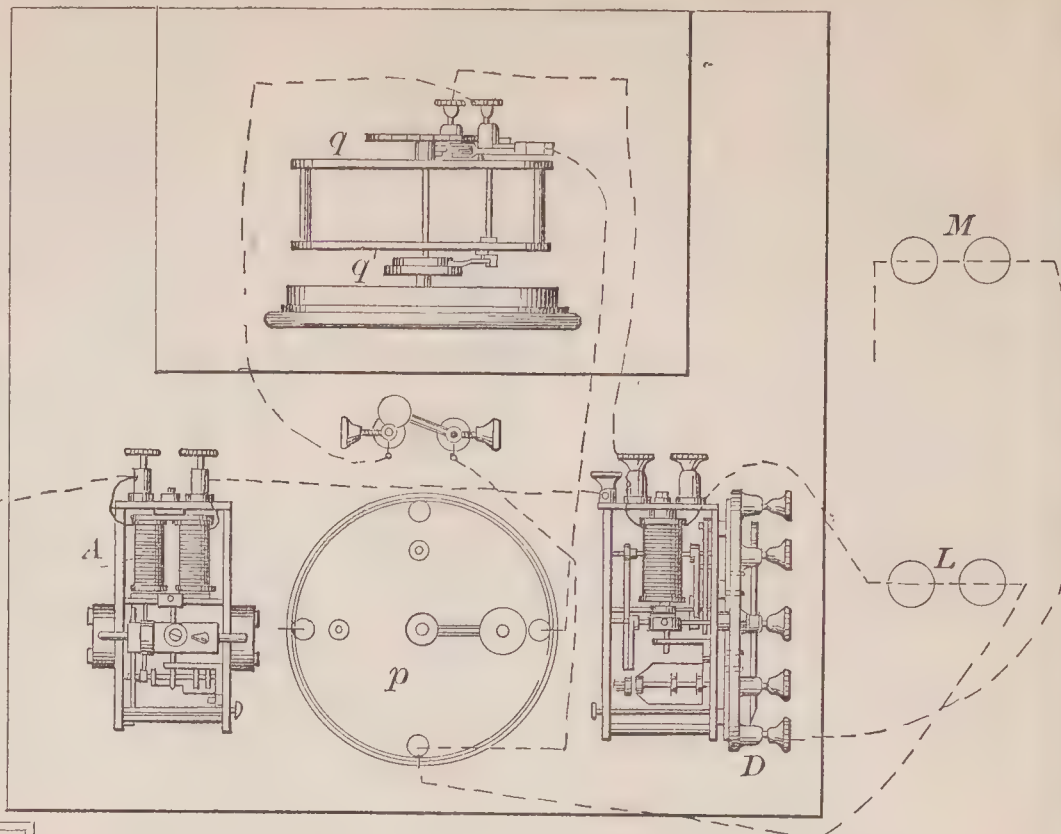
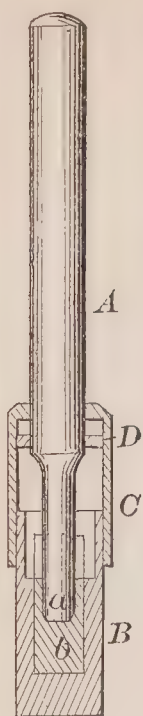
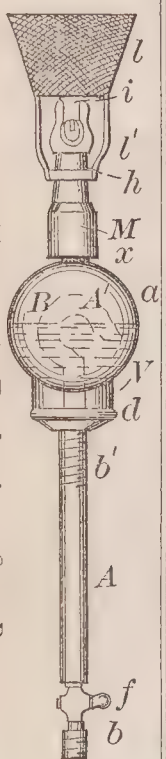
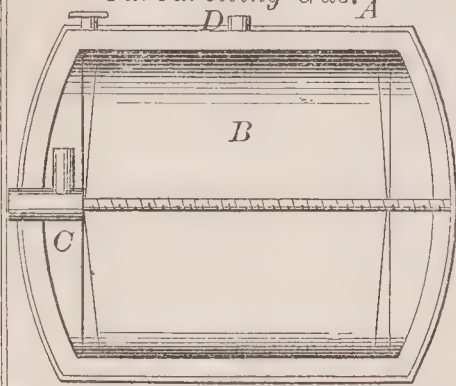
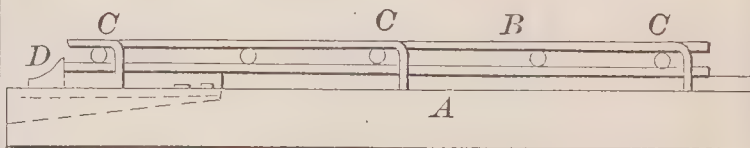
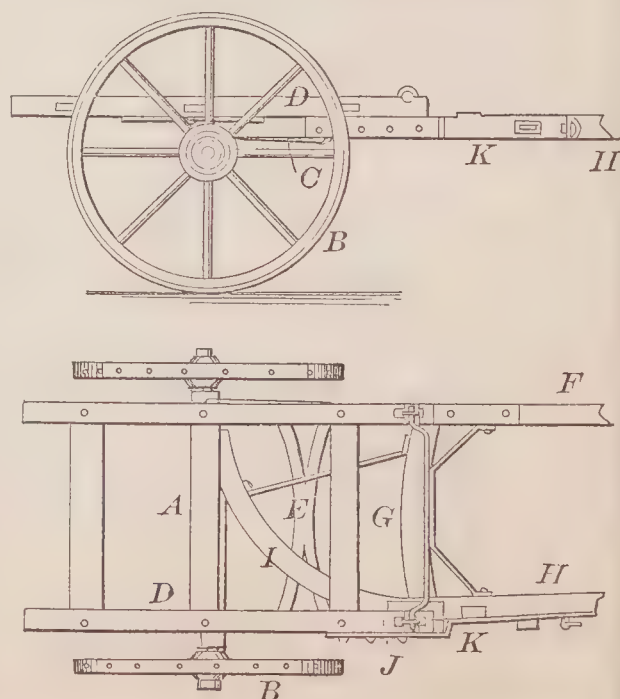
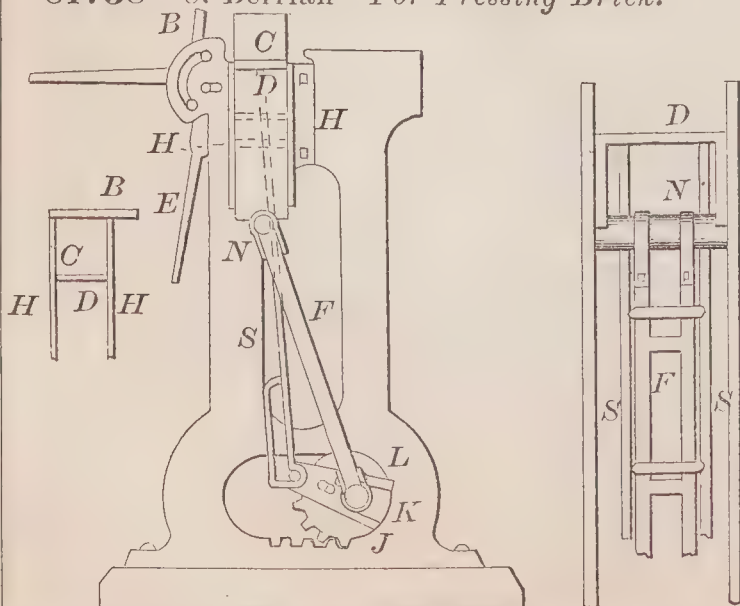


81727—J. C. Arms—

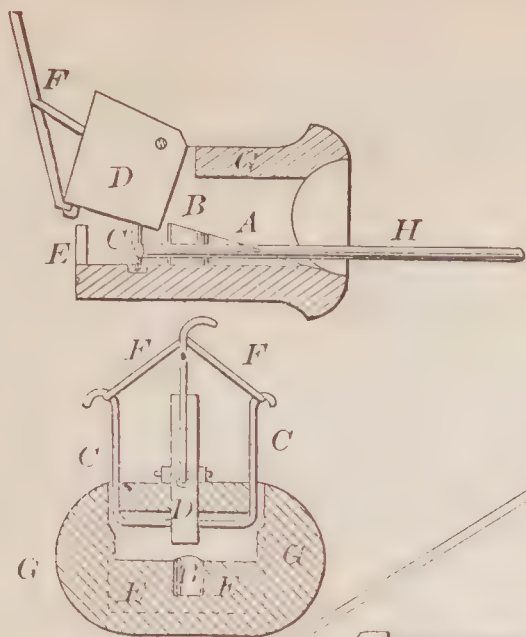
81729—D. S. Baker—*Machinery Brake.*



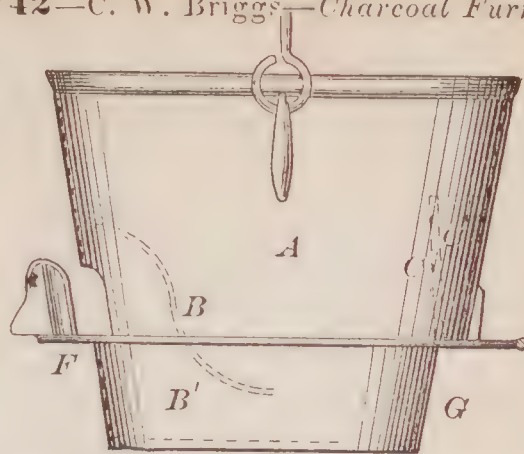


81735—A. Barbarin—*For Lighting Gas.*81732—J. B. Bancroft—*Spindle Step*81734—A. Barbarin—*Gas Burner.*81733—A. Barbarin—*Gas Burner.*81736—J. A. Bassett—*For Carburetting Gas.*81739—E. Birkenshaw—*Teasling Machine.*81737—A. Bean—*Vehicle Shaft.*81738—C. Berrian—*For Pressing Brick.*

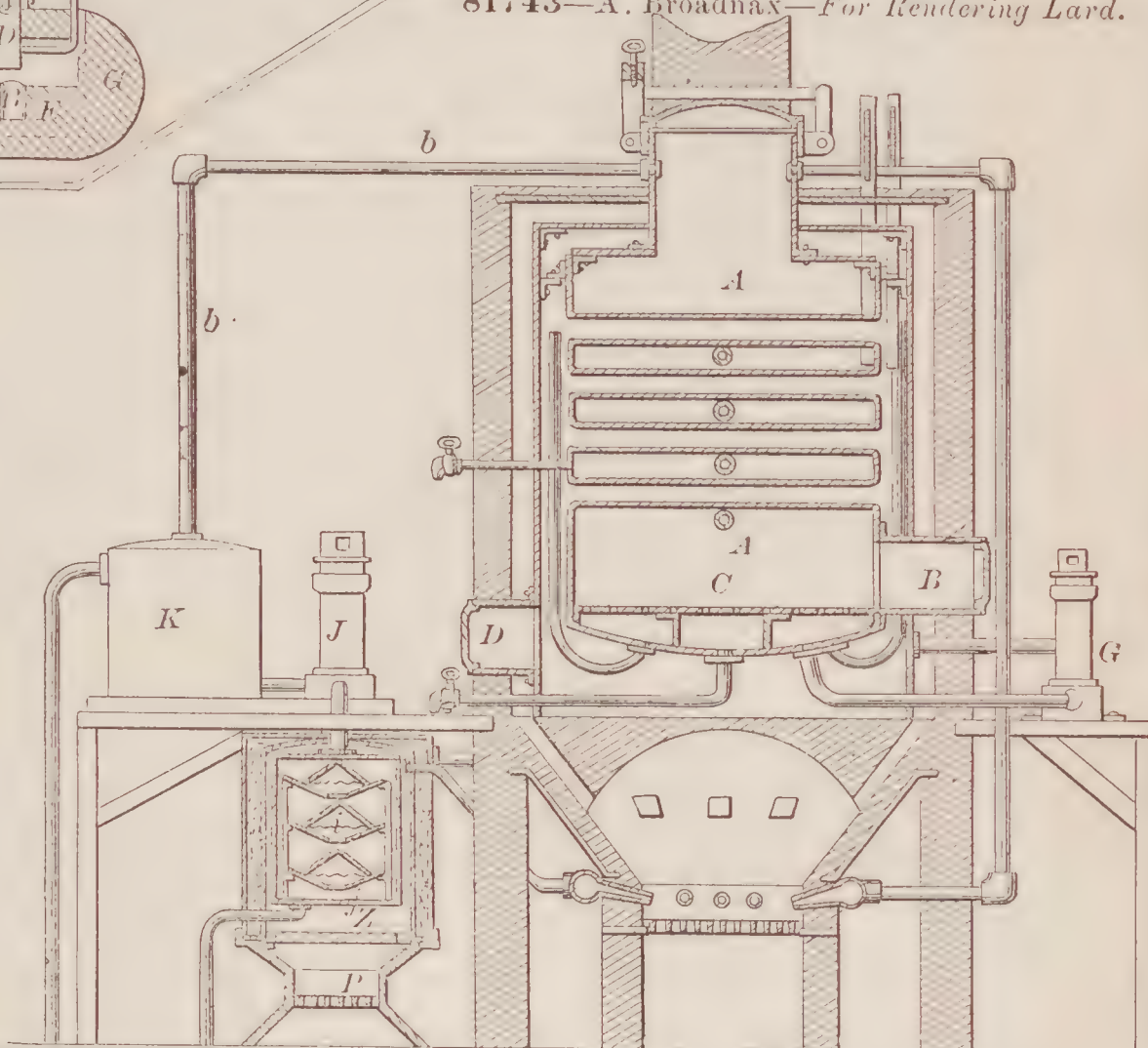
81741—T. H. Bomar—*Car Coupling.*



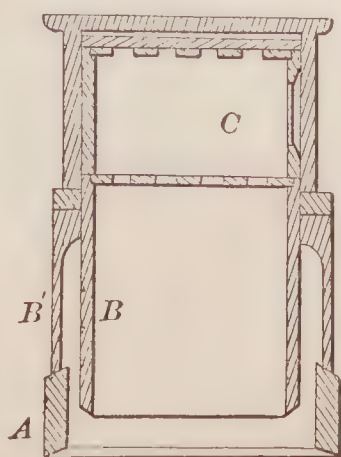
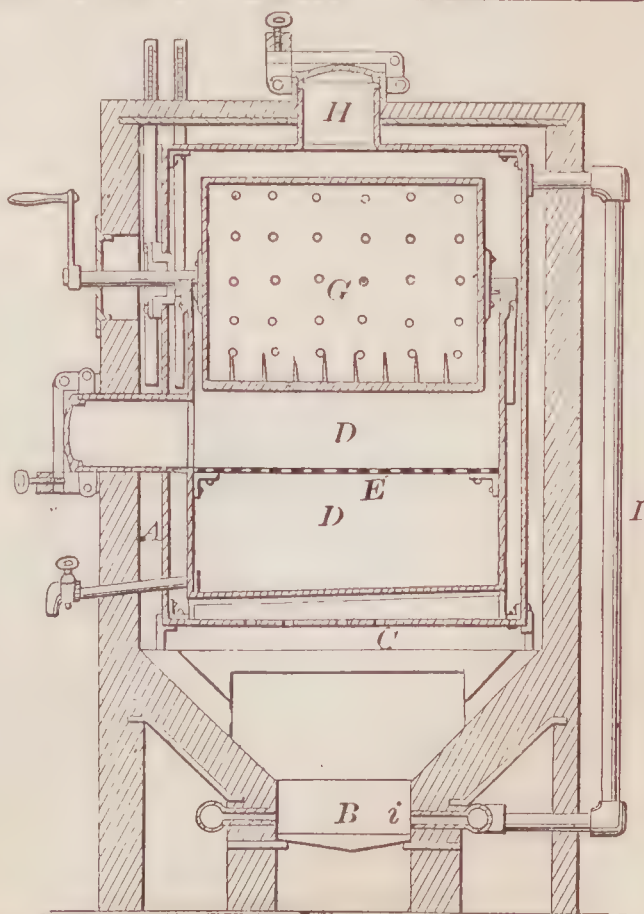
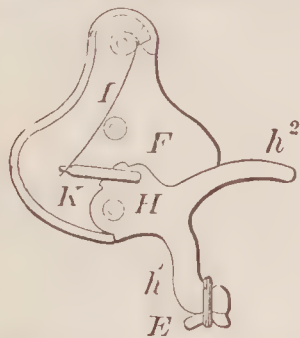
81742—C. W. Briggs—*Charcoal Furnace.*



81743—A. Broadnax—*For Rendering Lard.*

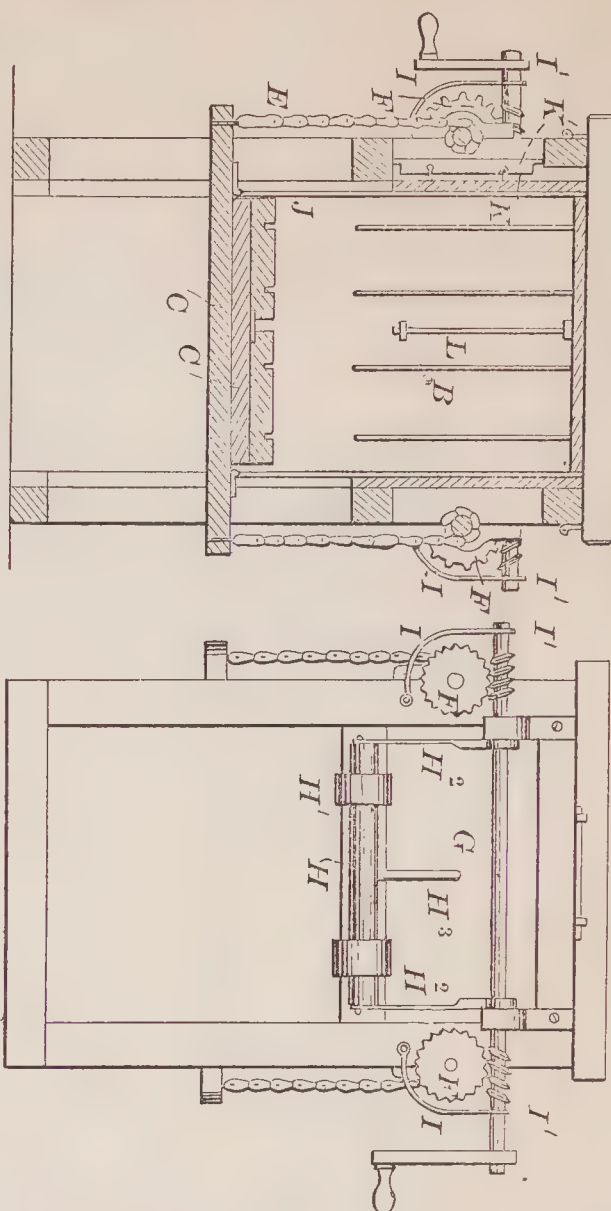
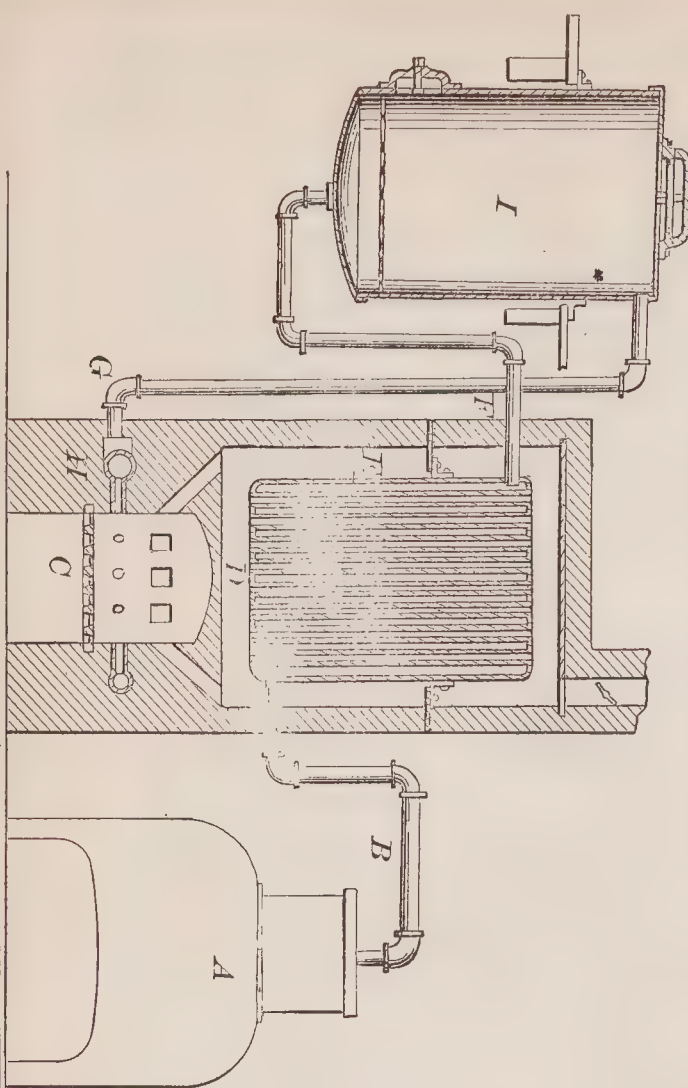
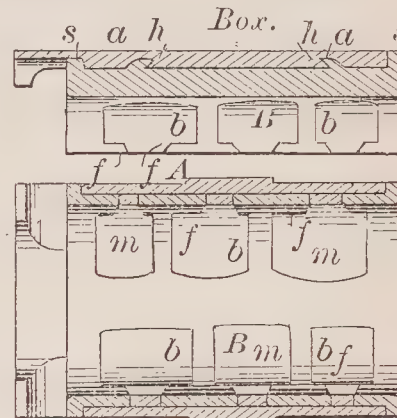
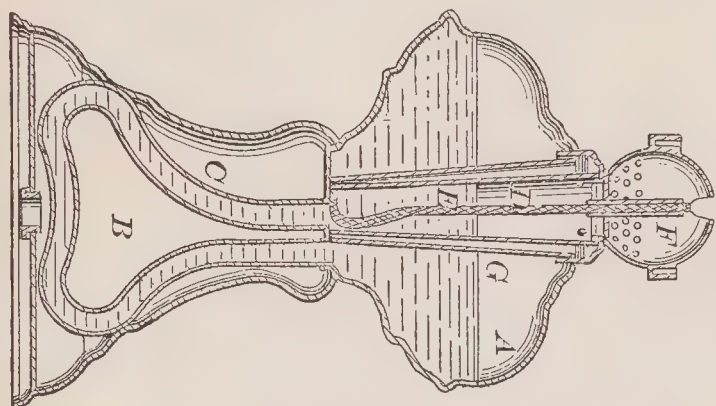
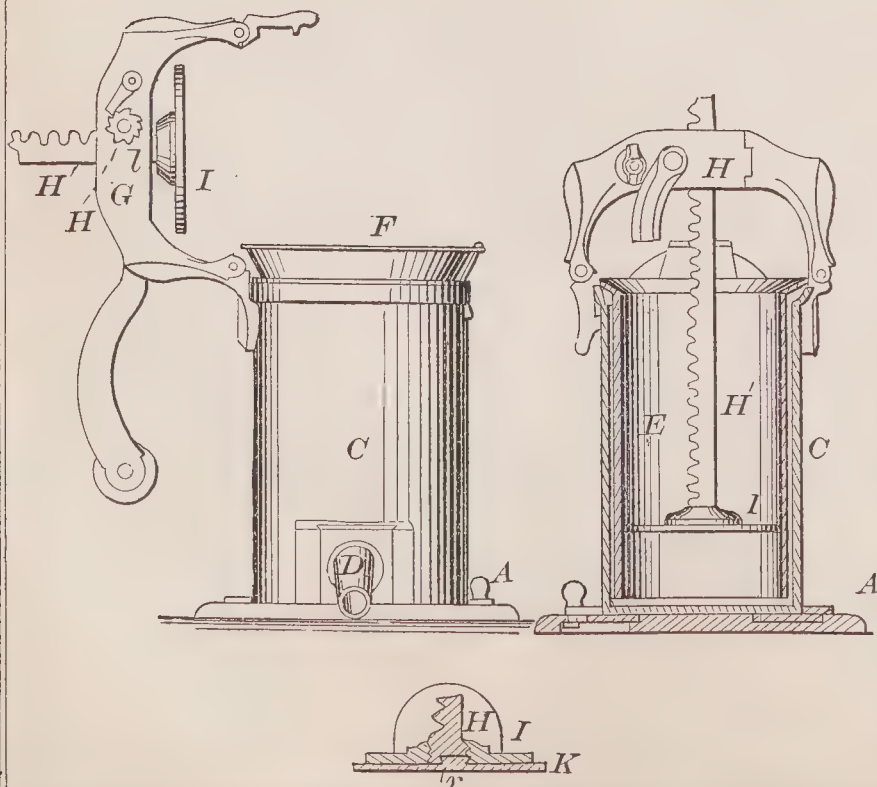
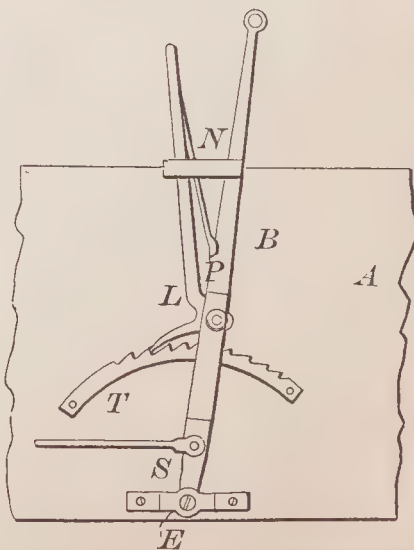


81746—G. C. Bunsen—*Door Holder.*

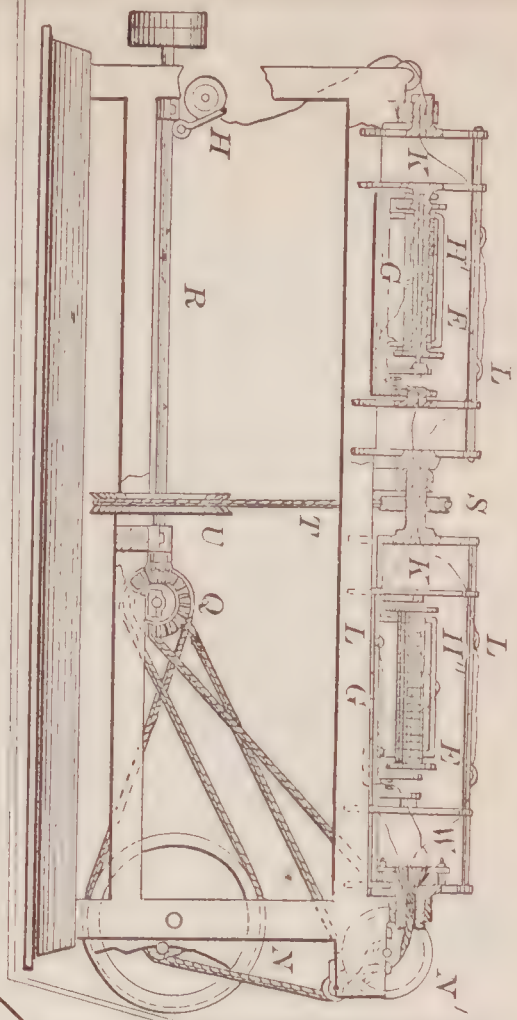


81747—H. Burton—*Beehive.*

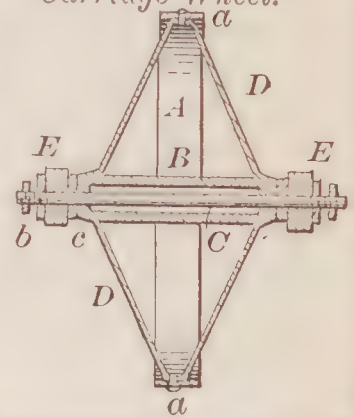


81745—Brown & Miller—*Baling Press.*81744—A. Broadnax—*Rendering and Refining Lard.*81748—A. B. Caldwell—*Journal Box.*81749—J. Calkins—*Lamp.*81751—J. B. Cassell—*Lard Press and Sausage Stuffer.*81750—D. W. Carkhuff—*For Operating Wagon Brakes.*

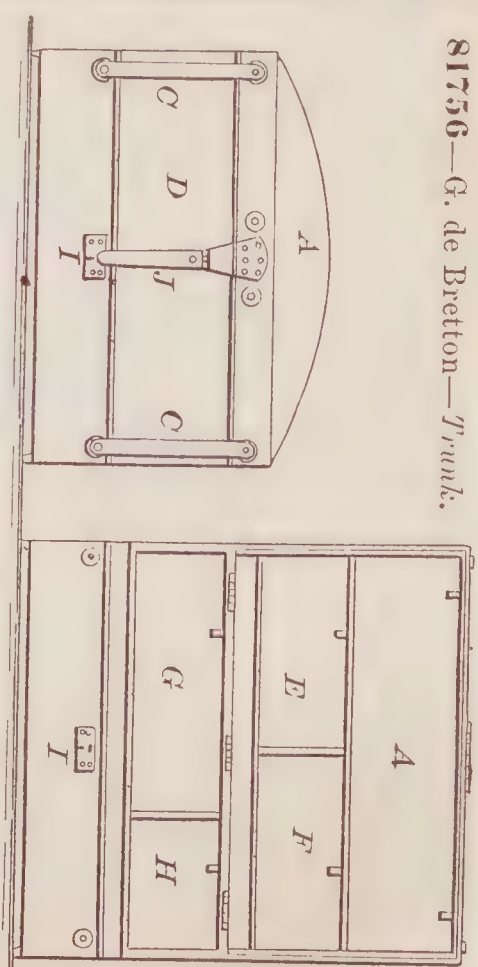
81753—C. Clark—Rope Making Machine.



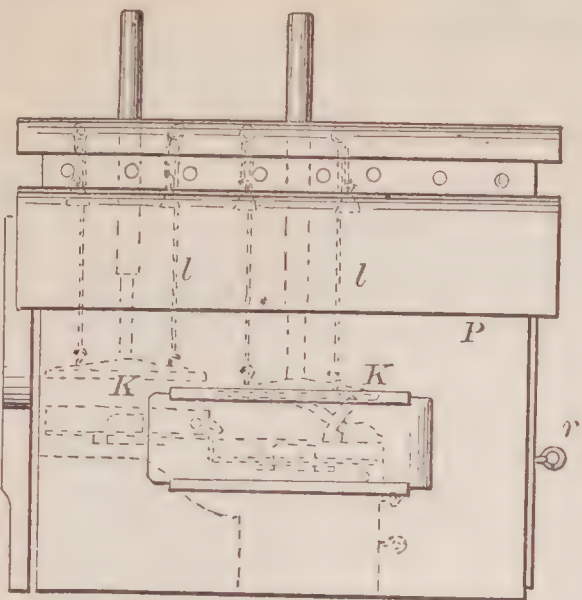
81758—W. H. De Valin—Carriage Wheel.



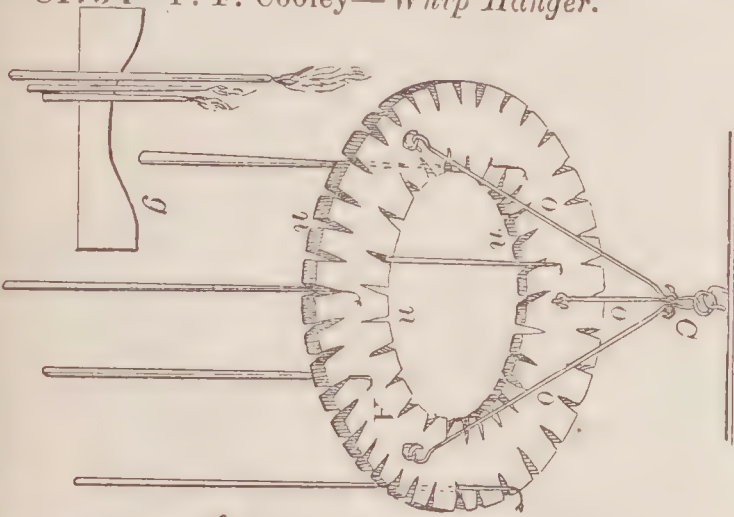
81756—G. de Bretton—Trunk.



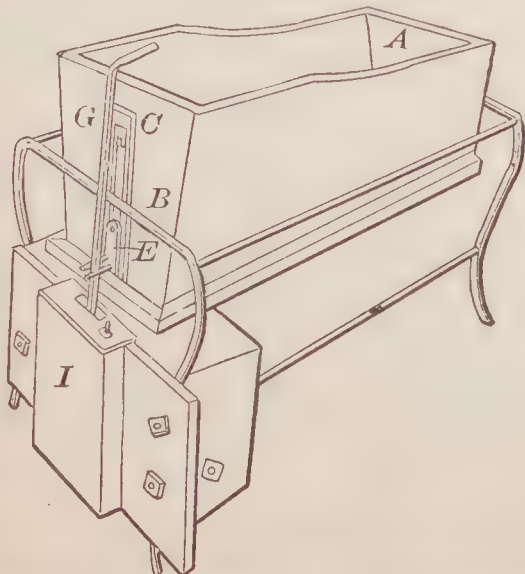
81752—B. F. Cauffman—Evaporator.



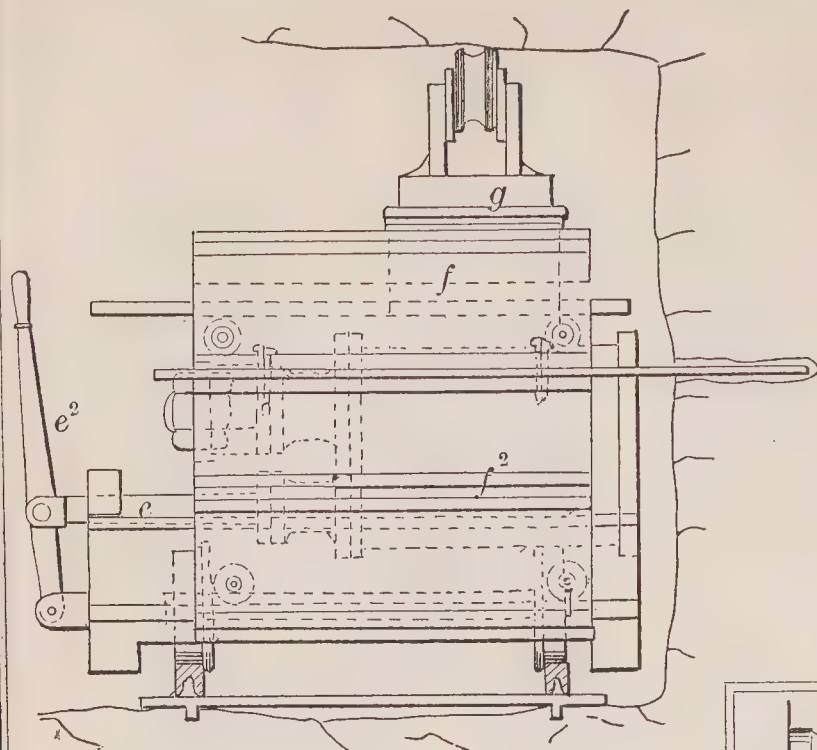
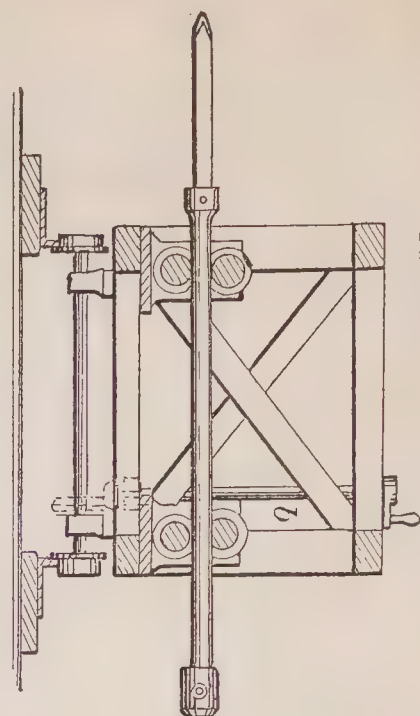
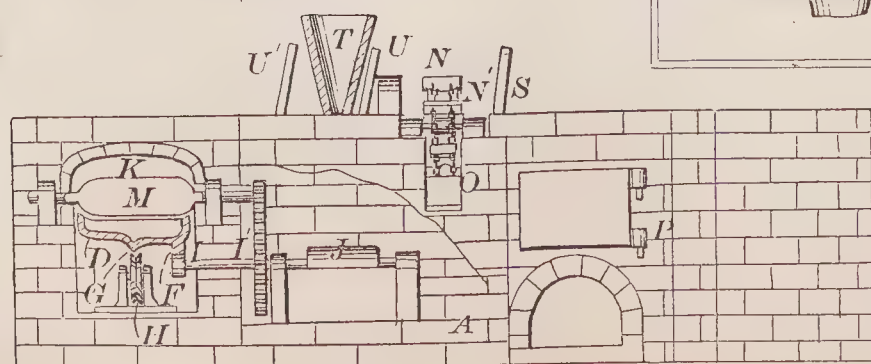
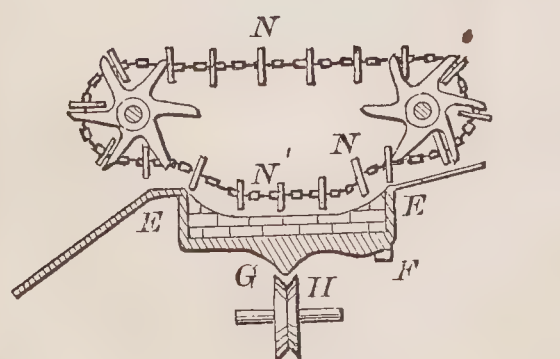
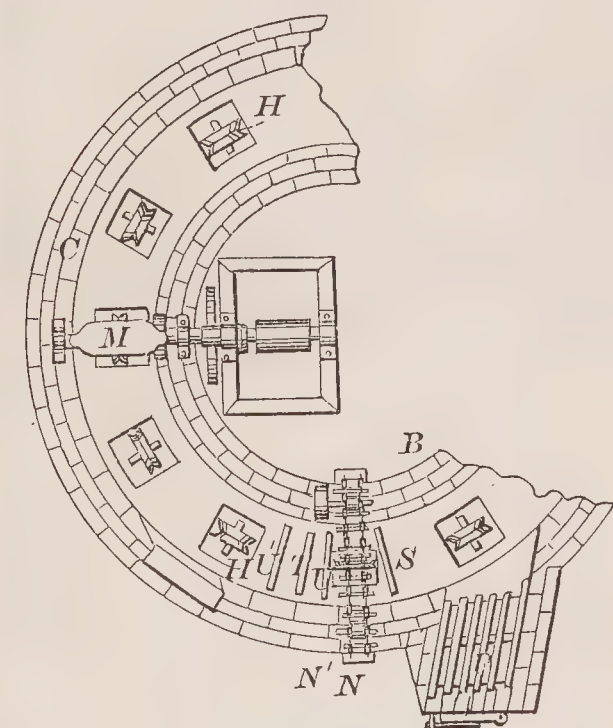
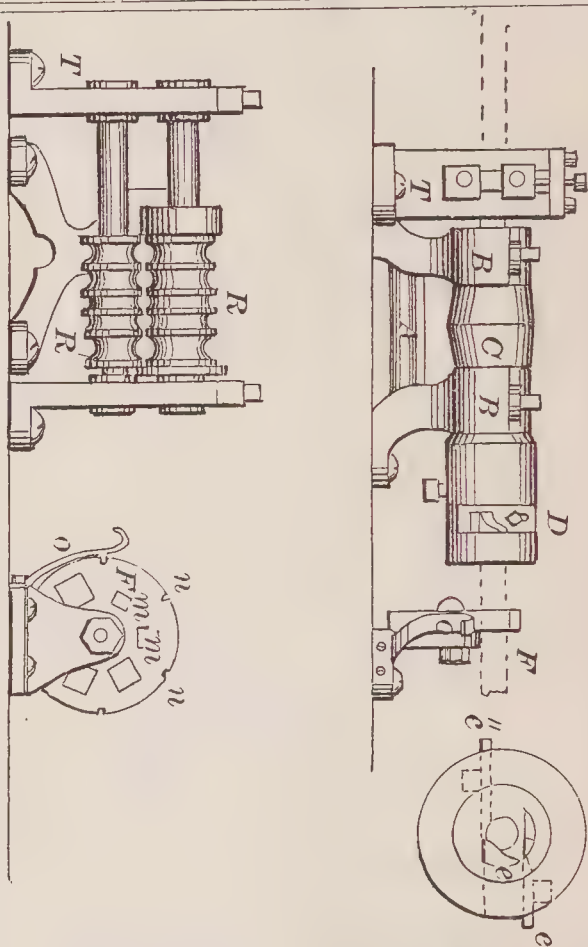
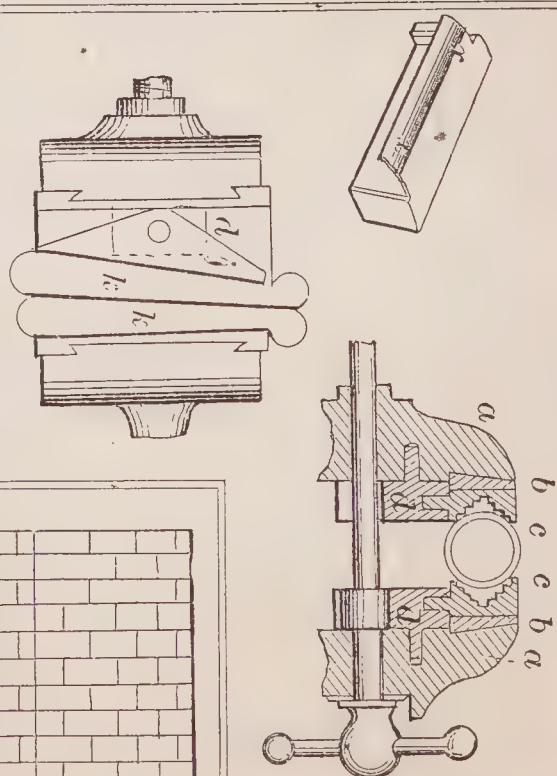
81754—P. F. Cooley—Whip Hanger.



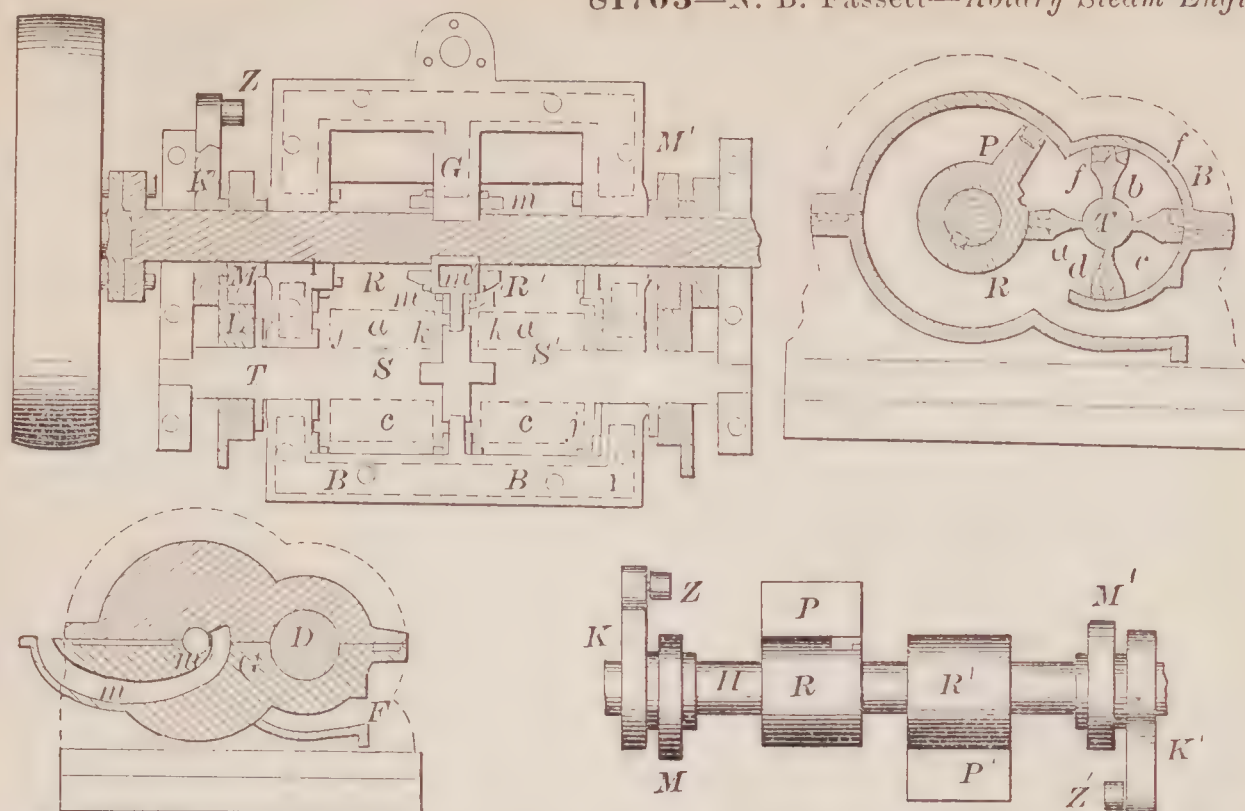
81757—S. G. Delano—Automatic Cradle.



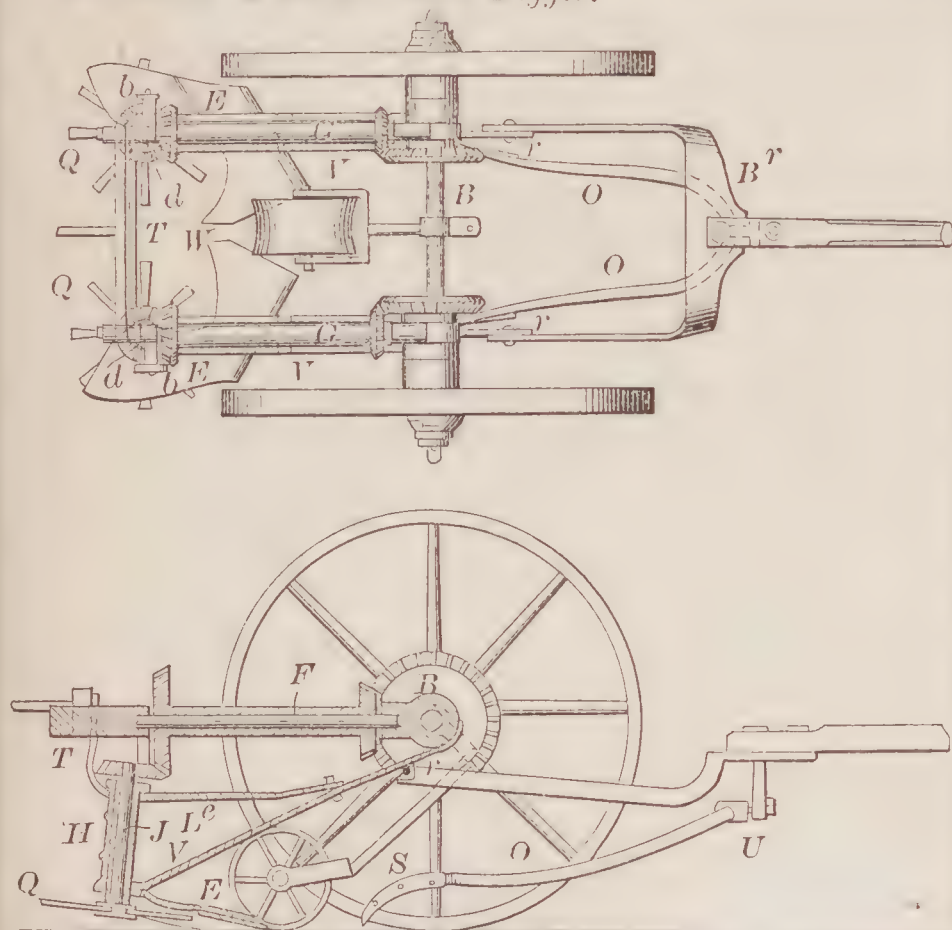


81759—G. E. Donisthorpe—*Coal Mining Apparatus.*81760—G. E. Donisthorpe—*Coal Mining Apparatus.*81762—F. Ernst—*Ore Roasting Furnace.*81761—F. Douglas—*For Turning Rods.*81764—I. Fisher—*Vise.*

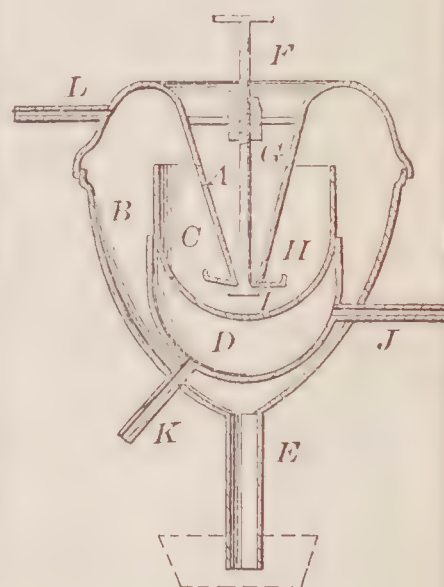
81763—N. B. Fassett—*Rotary Steam Engine.*



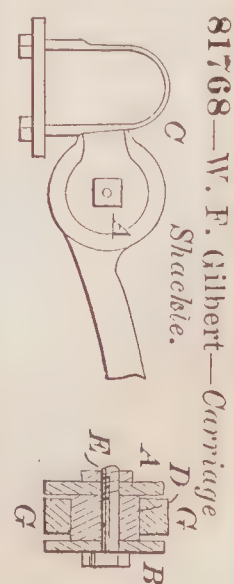
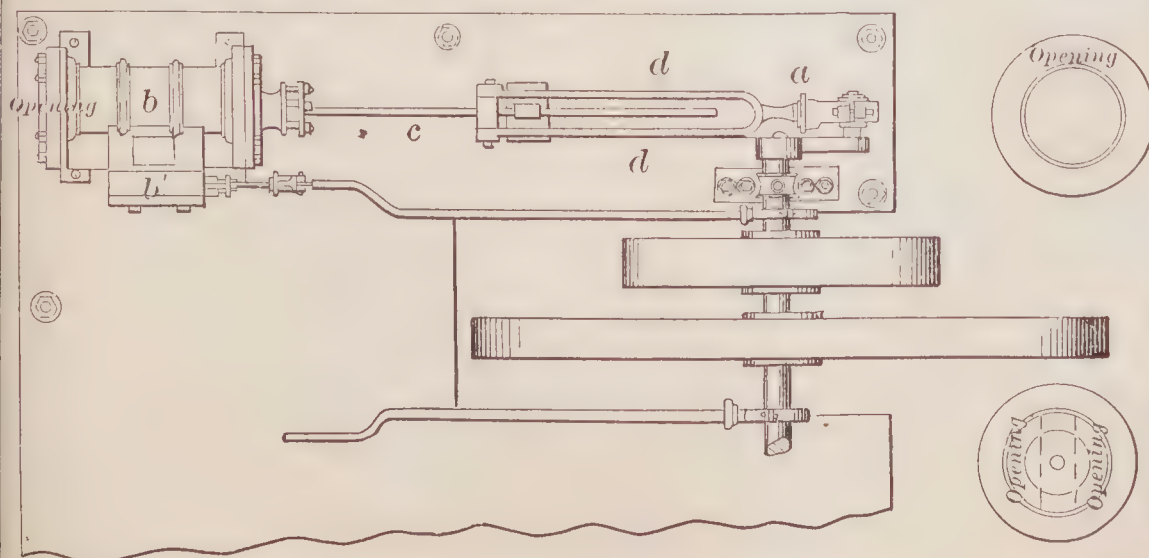
81765—E. T. Ford—*Potato Digger.*



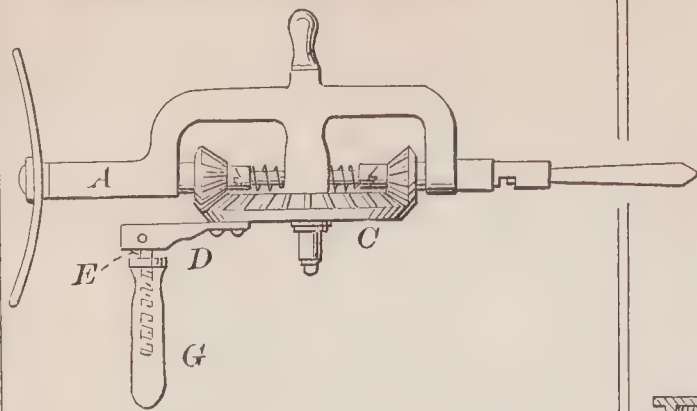
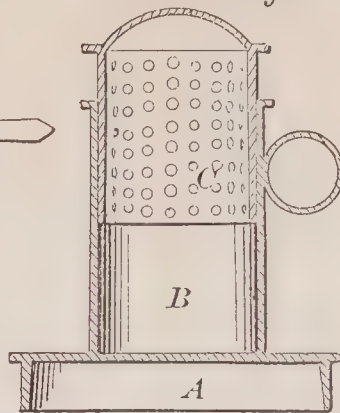
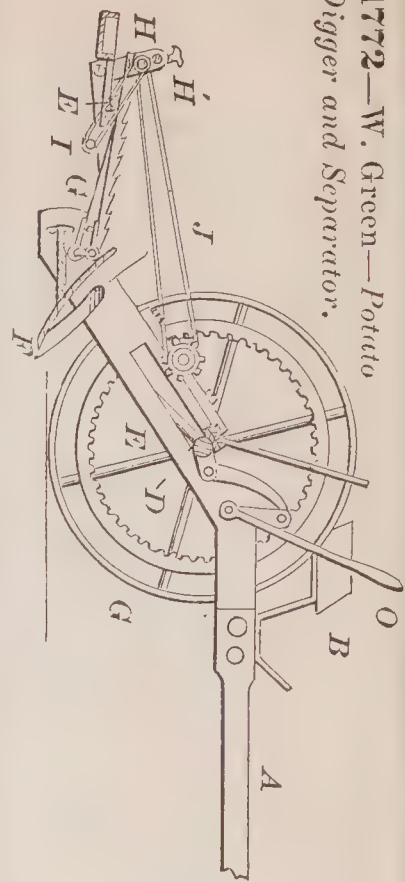
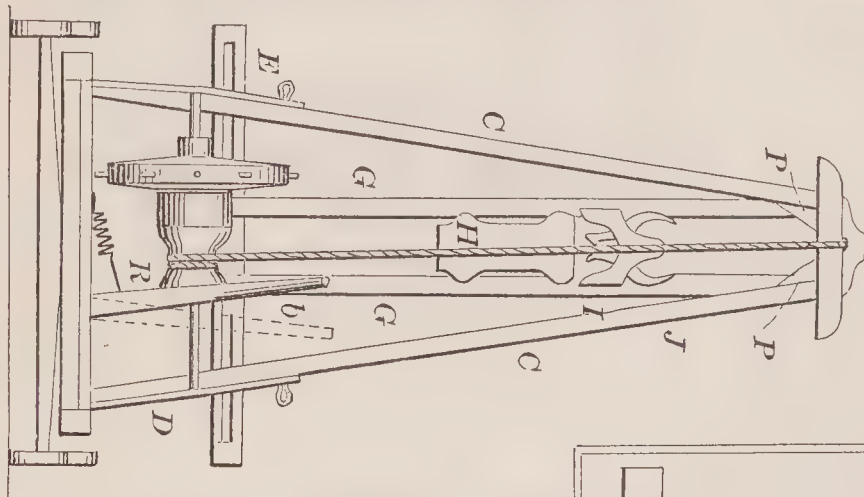
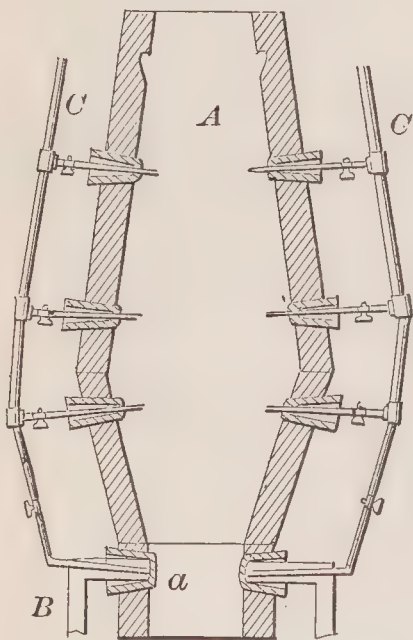
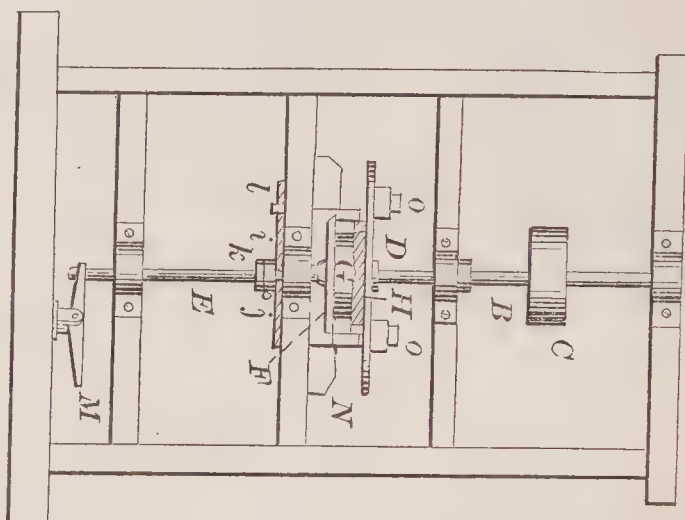
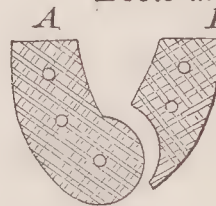
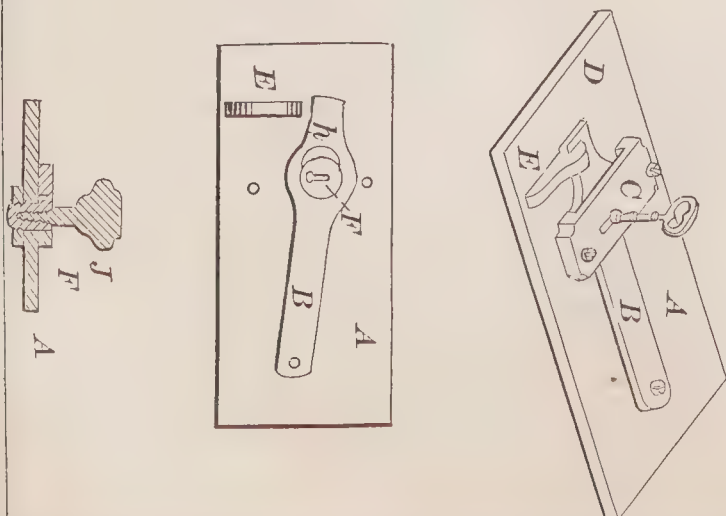
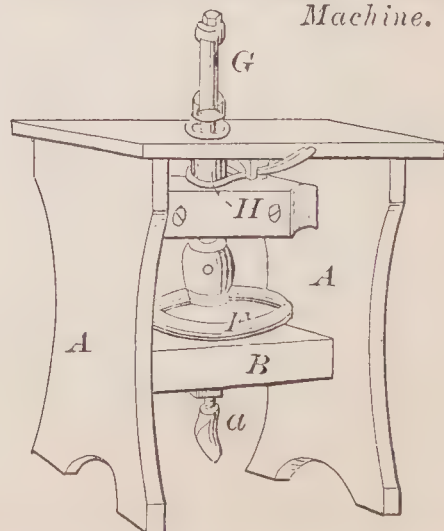
81767—W. M. Fuller—*For Amalgamating Gold and Silver.*

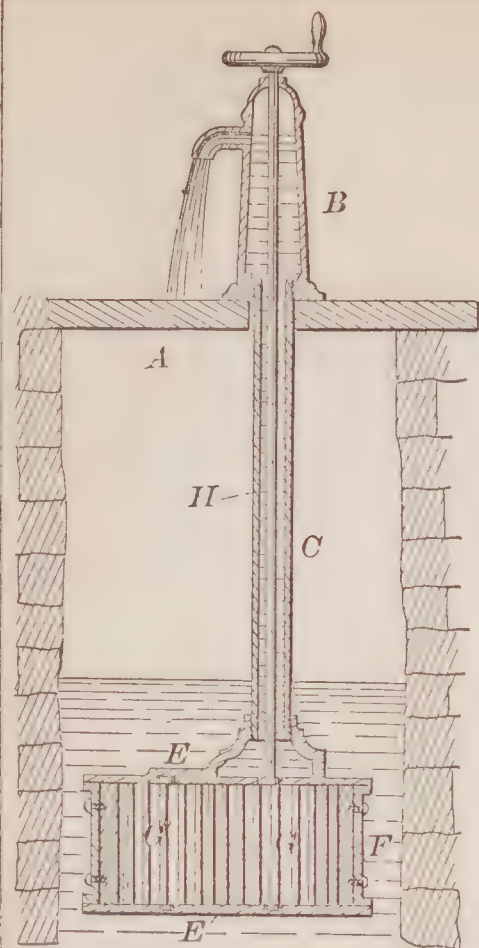


81766—A. C. F. Franklin—*Reciprocating Steam Engine.*

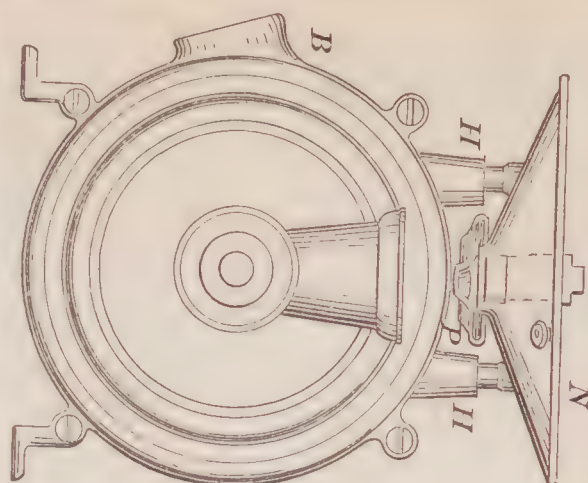




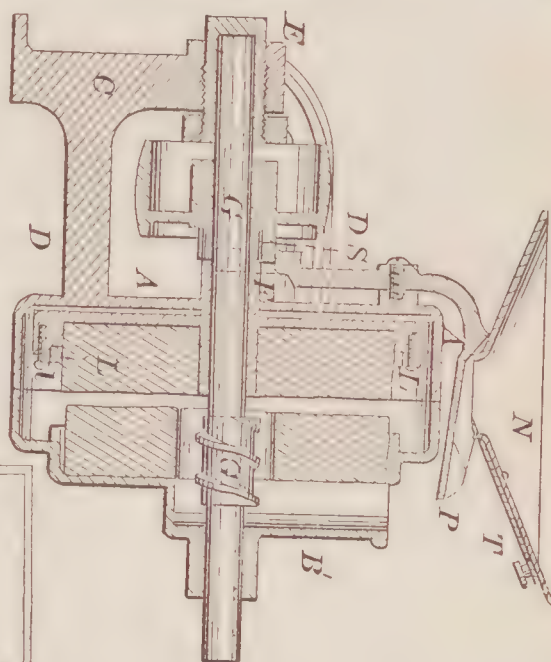
81769—F. Glasser—*Drill.*81770—  
E. A. Goodes—*Flour Dredge.*81772—W. Green—*Potato  
Digger and Separator.*81771—W. S. Graves—*Fence Post Driver.*81775—A. Hamar—*Making Iron.*81774—S. Haganan—*For  
Polishing Wood.*81777—W. E. Hamlin, Jr.—*Heel Plate for  
Boots and Shoes.*81779—Hardy & Floyd—*Locking Latches.*81776—S. M. Hamilton—*Planing  
Machine.*



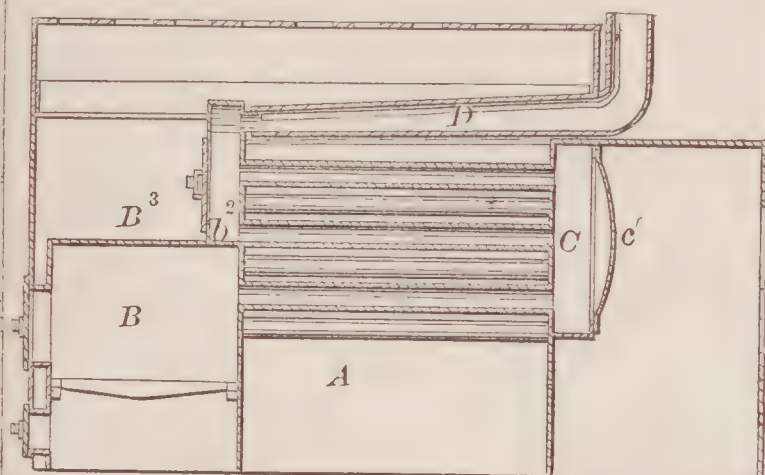
81778—D. D. Hardy—Submerged Rotary Pump.



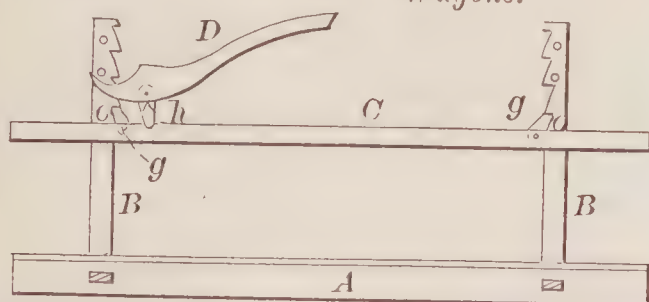
81780—E. Harrison—Grinding Mill.



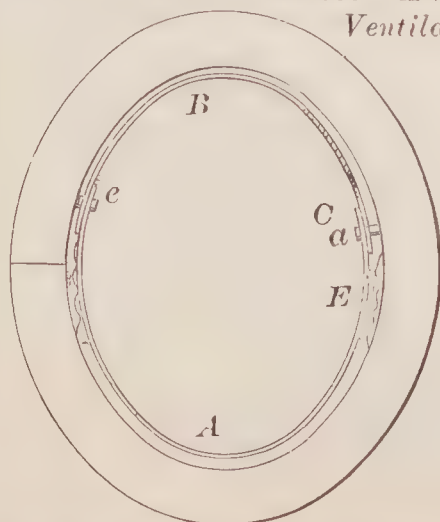
81781—B. R. Hawley—Tubular Air Heater.



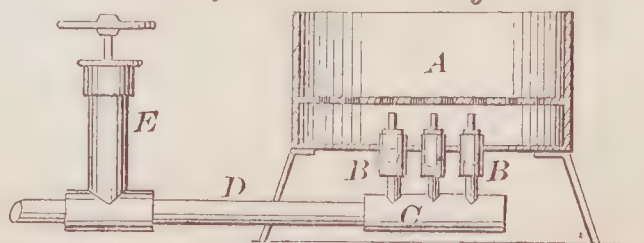
81783—J. W. Hodges—For Binding Hay upon Wagons.



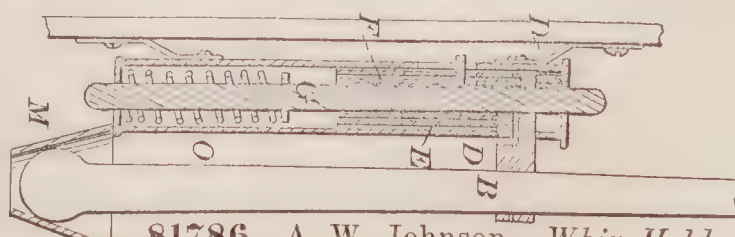
81784—Irvine & Moses—Hat Ventilator.



81785—F. Jacoby—For Extracting Wort.

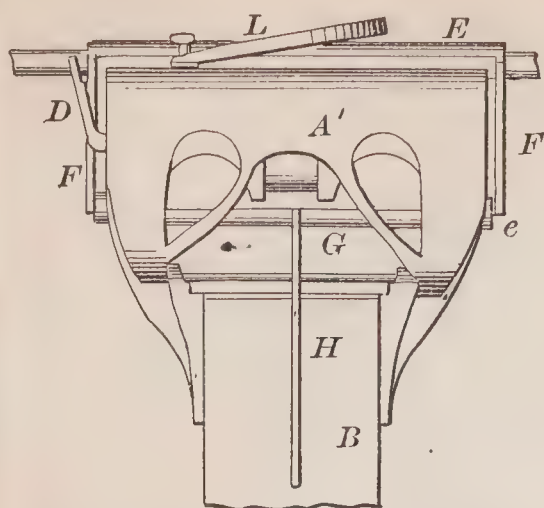


81786—A. W. Johnson—Whip Holder.



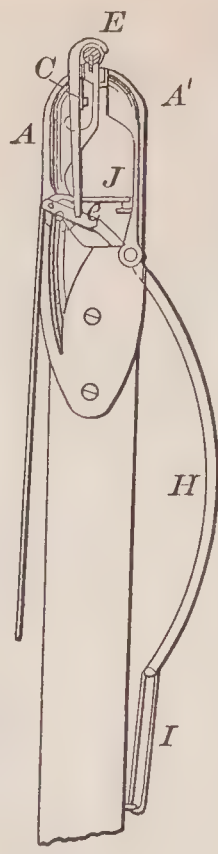
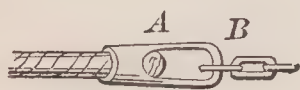
81782—W. H. Herbert—Mitre Box.



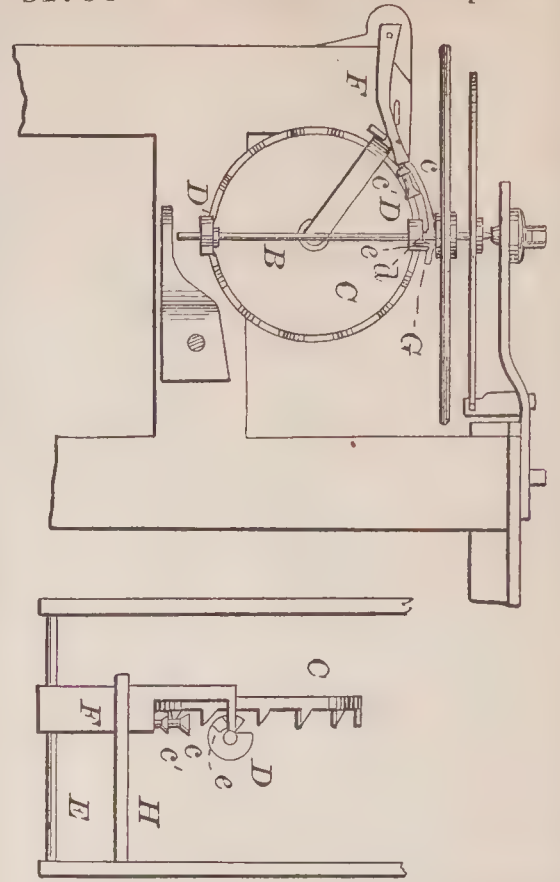


81787—J. F. Johnson—*Harness Makers' Clamp.*

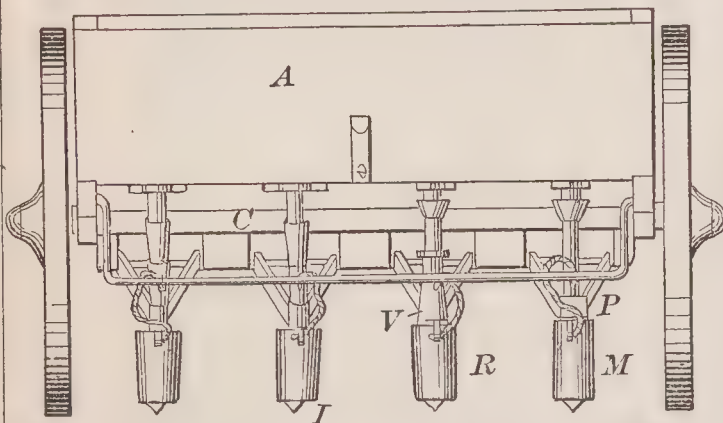
81788—W. A. Jordan—*Harness.*



81789—W. C. Kellum—*Escapement.*



81790—King & Shope—*Seeding Machine.*



81791—W. King—*Hay Rake.*

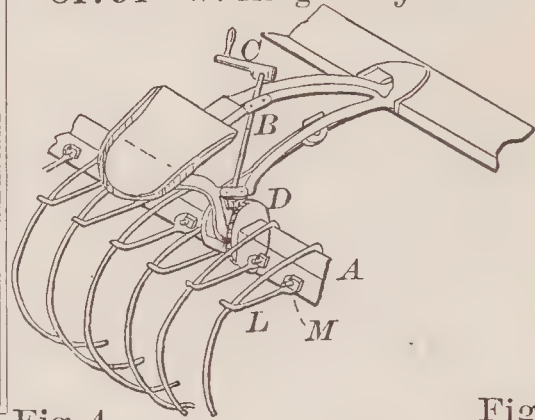
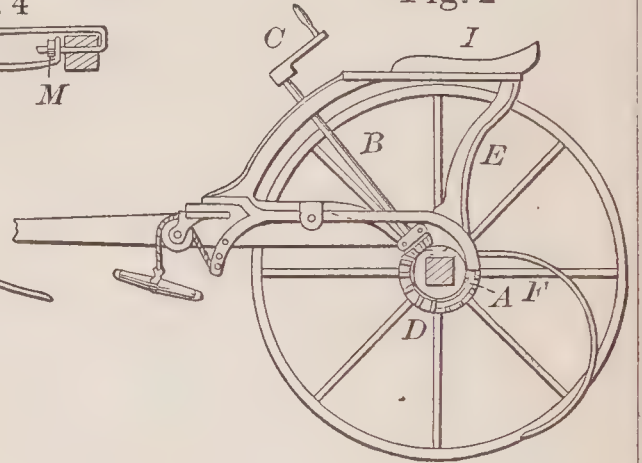
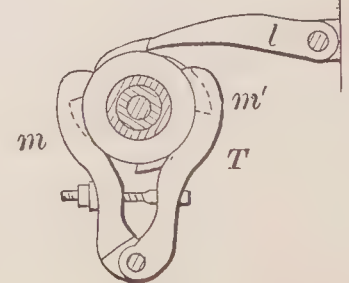
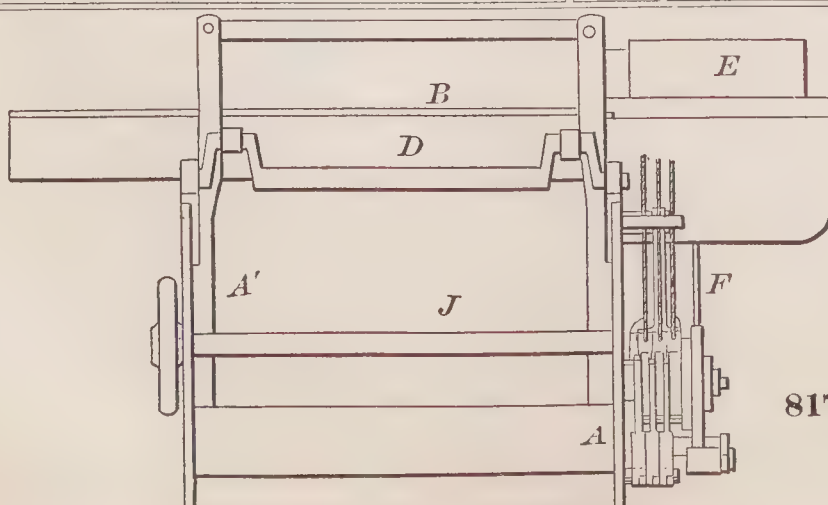
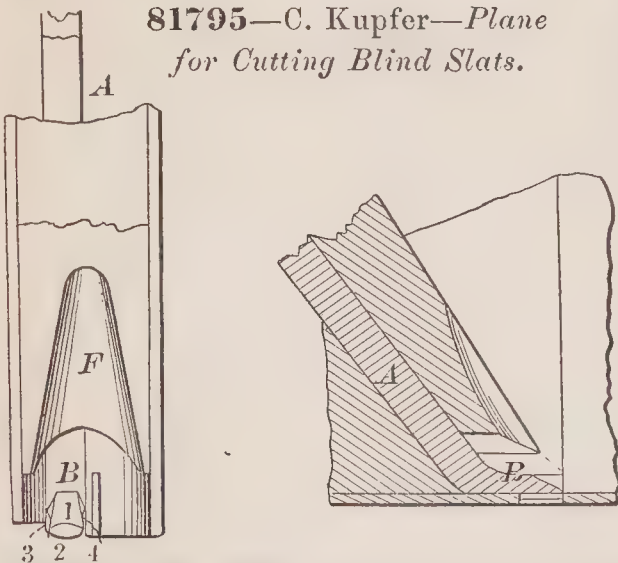


Fig. 4

Fig. 2



81795—C. Kupfer—*Plane for Cutting Blind Slats.*

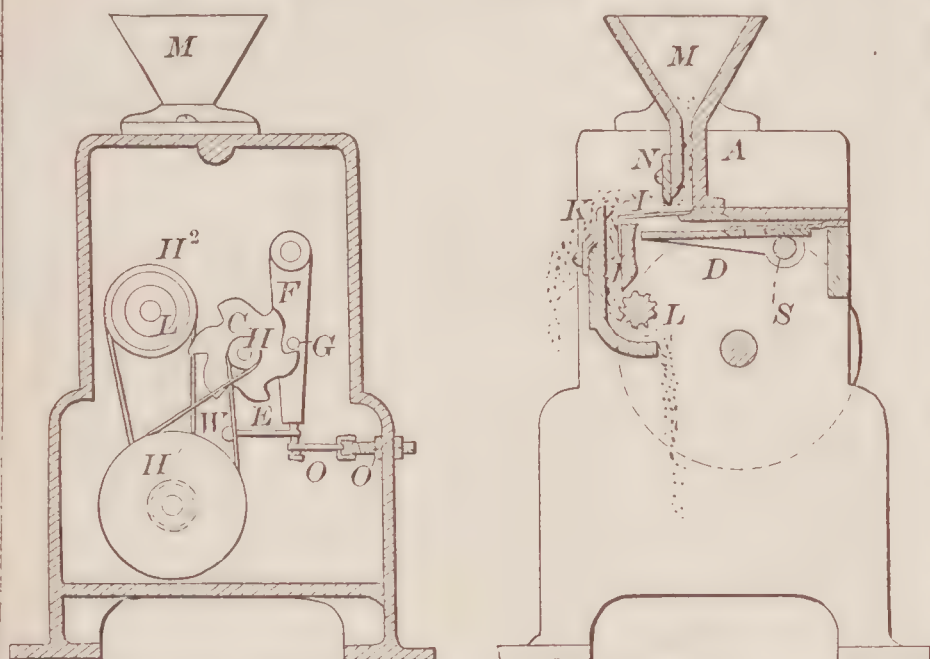


81792—C. H. Knowlton—*Cam for Shuttle Boxes.*

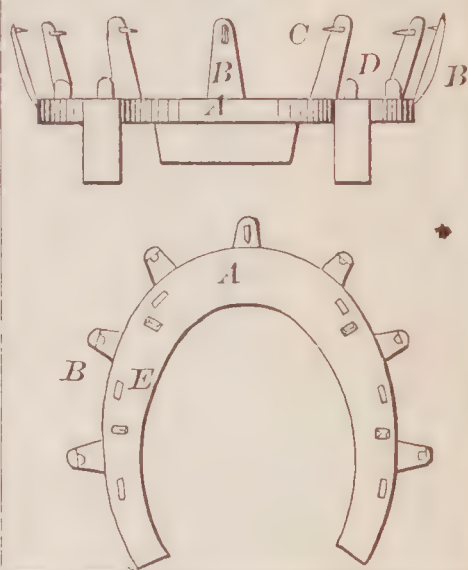
81793—B. Kreischer—*Burning Kiln.*



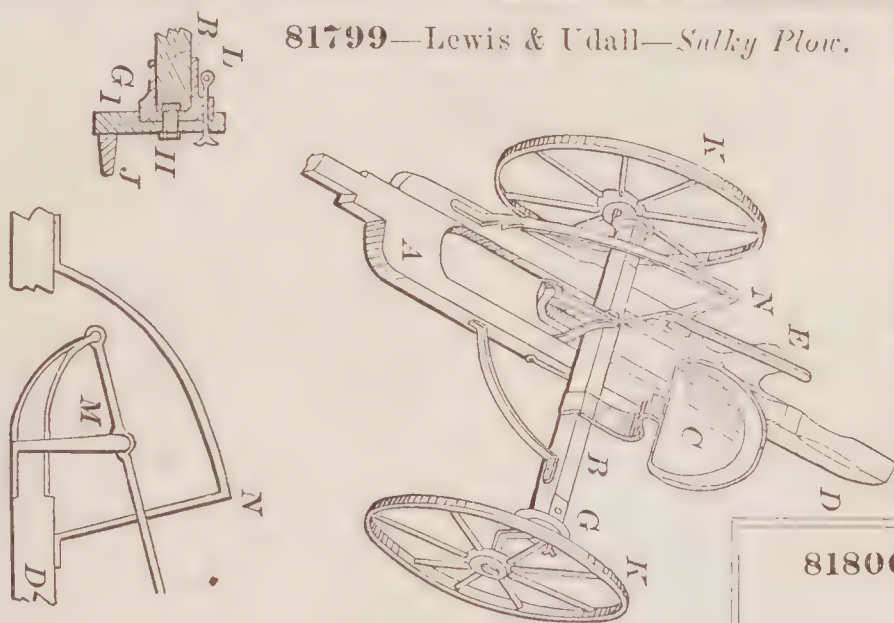
81794—S. R. Krom—*For Separating Ores.*



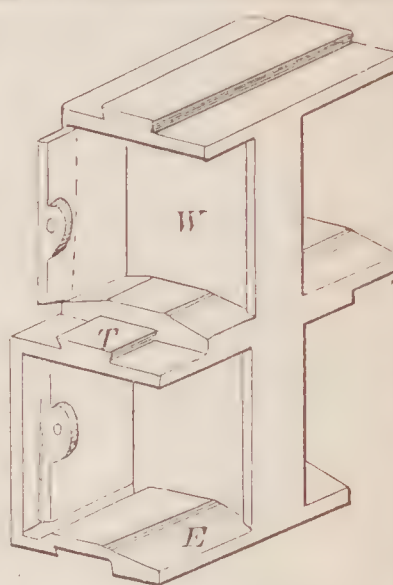
81796—B. Ladd—*Horse Shoe.*



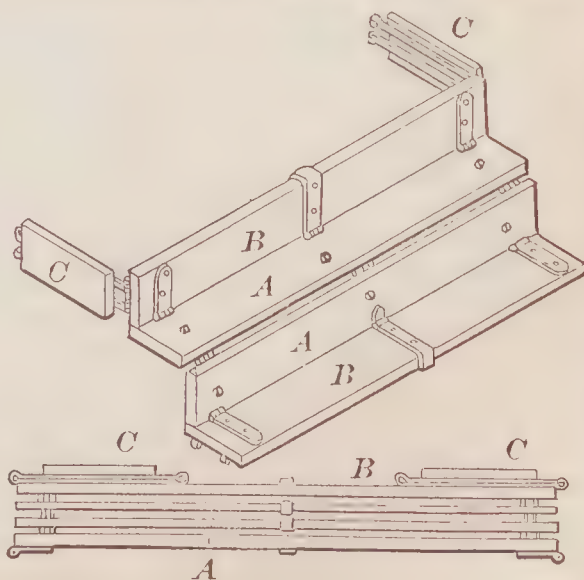
81799—Lewis & Udall—*Sulky Plow.*



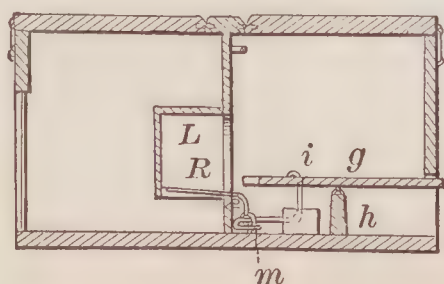
81797—G. T. Lape—*Arch, Tunnel &c.*



81800—T. E. Lewis—*Wagon Body.*



81798—H. S. Leshner—*Animal Trap.*

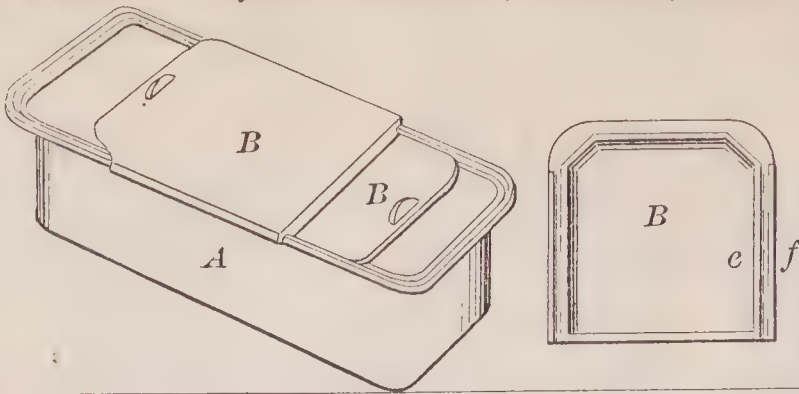




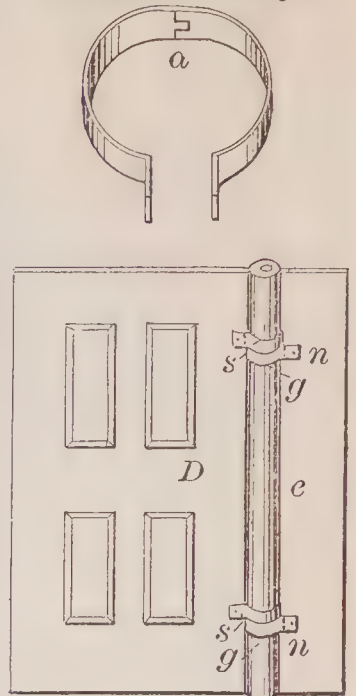
81801—L. Lovejoy—Well Tube.



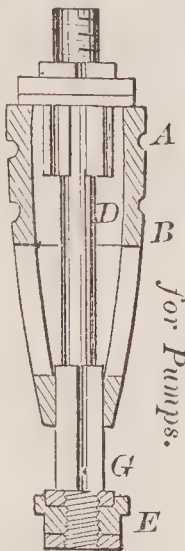
81802—A. Lyman—Reservoir for Cooking Stoves.



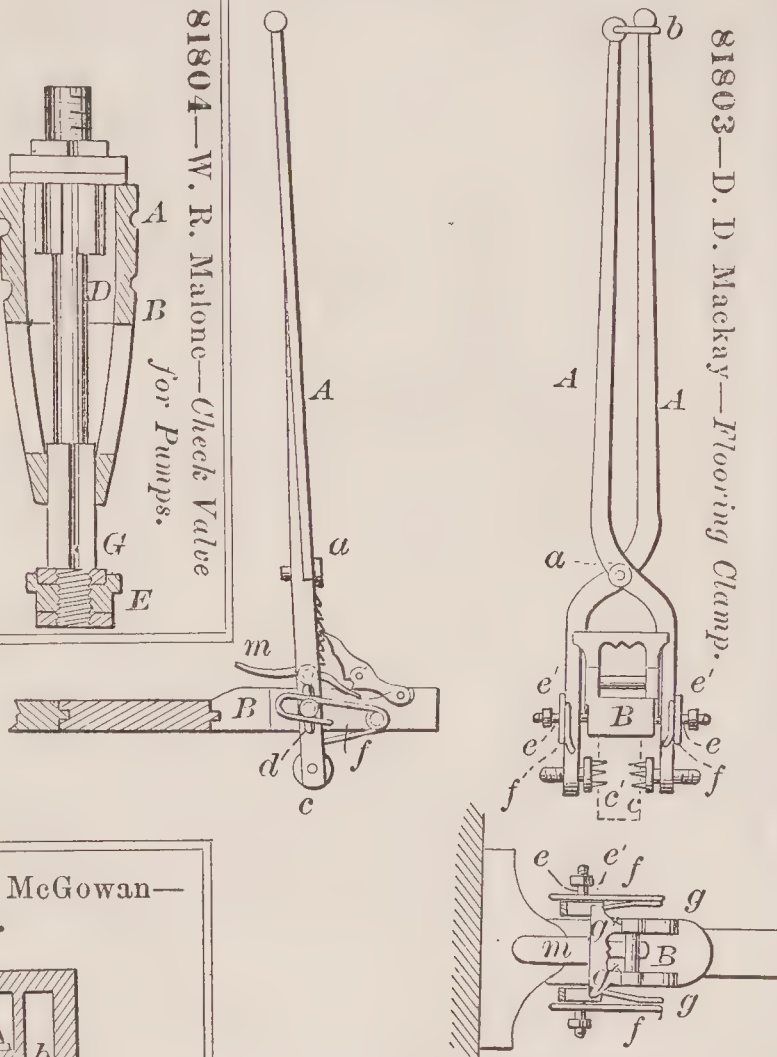
81805—McCall &amp; Bushnell—Hinge.



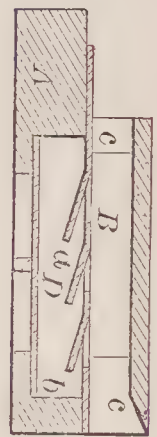
81804—W. R. Malone—Check Valve for Pumps.



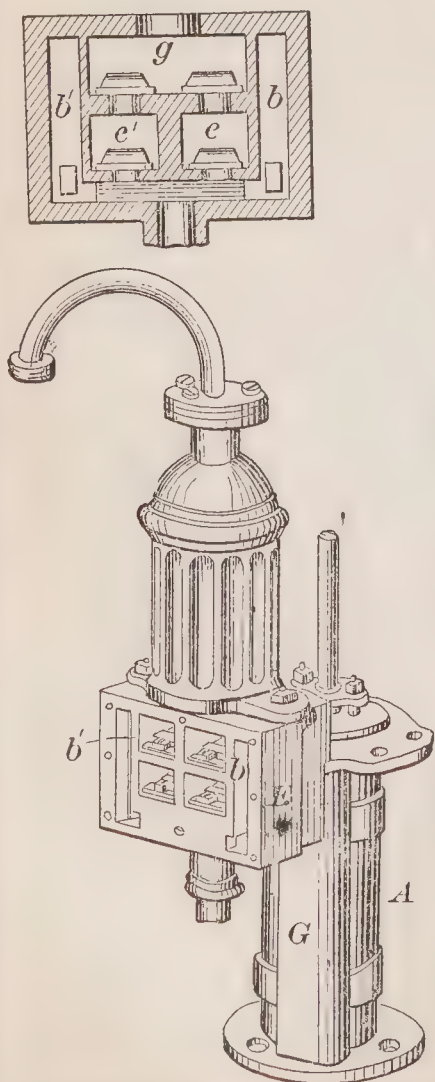
81803—D. D. Mackay—Flooring Clamp.



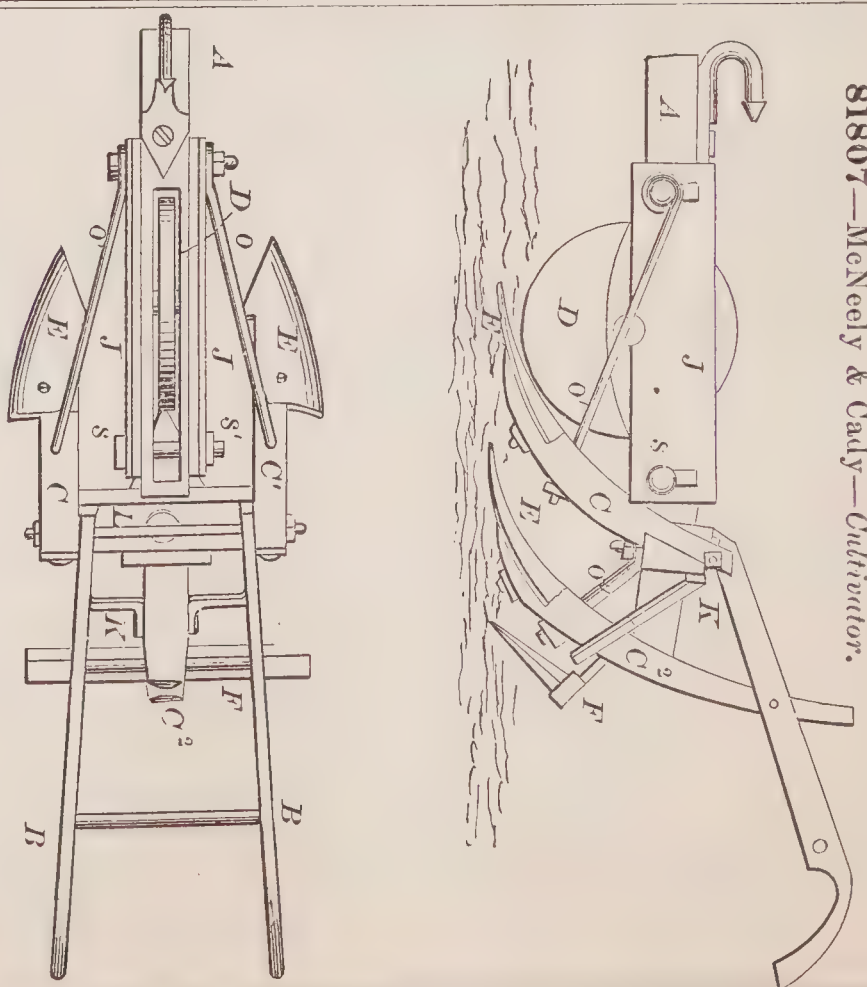
81808—J. D. Meador—Moth Trap for Beehives.

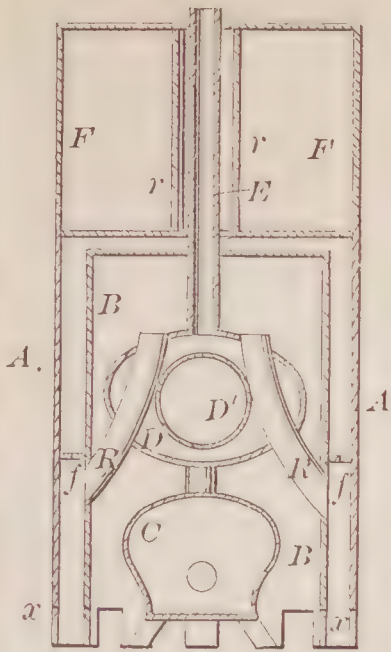


81806—T. J. McGowan—Pump.



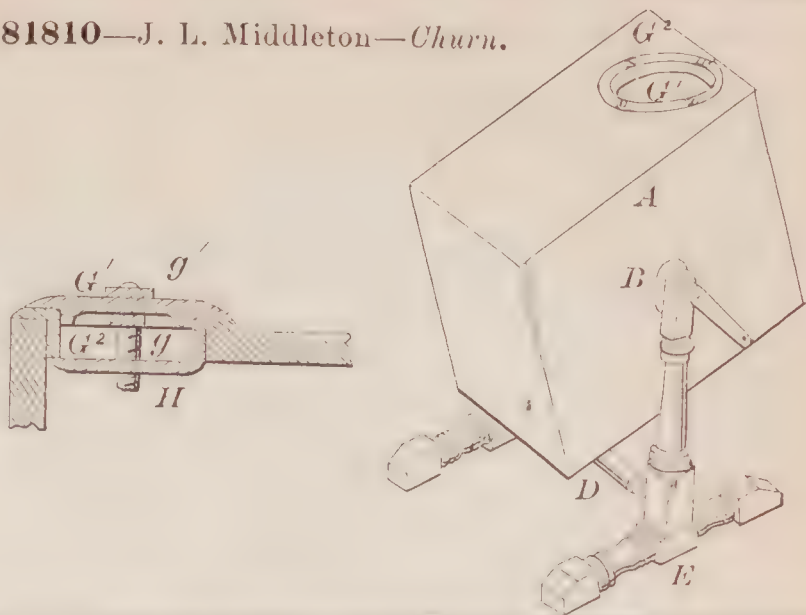
81807—McNeely &amp; Cady—Cultivator.



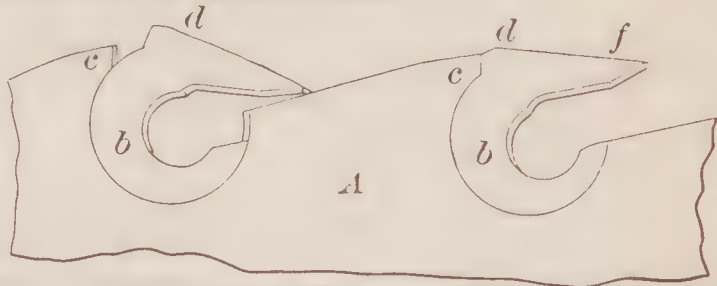


81809—M. Metcalf—Hot Air Furnace.

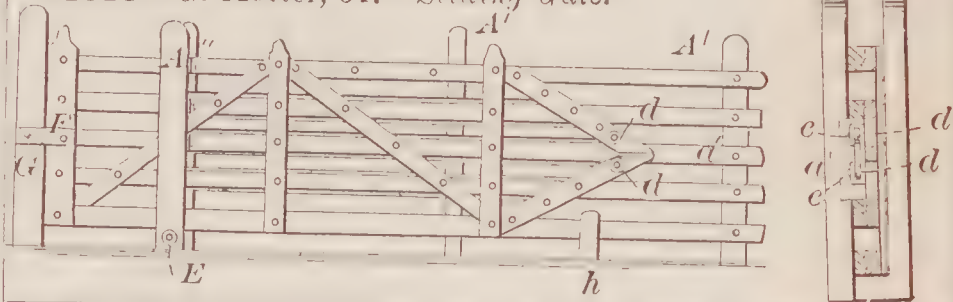
81810—J. L. Middleton—Churn.



81811—W. P. Miller—Saw.

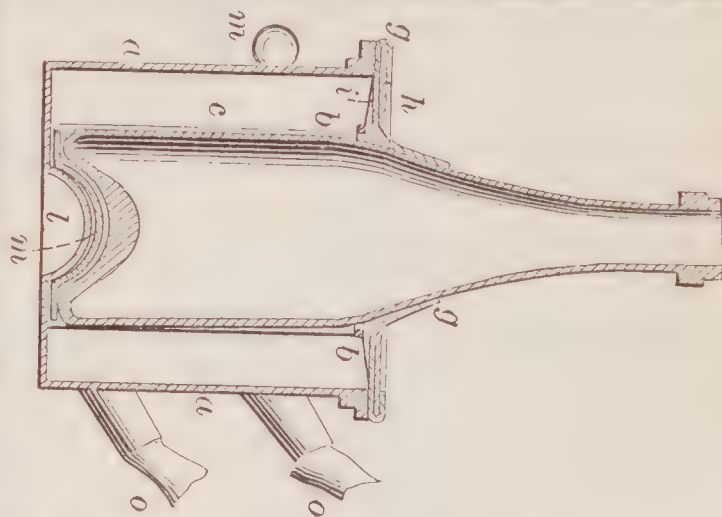
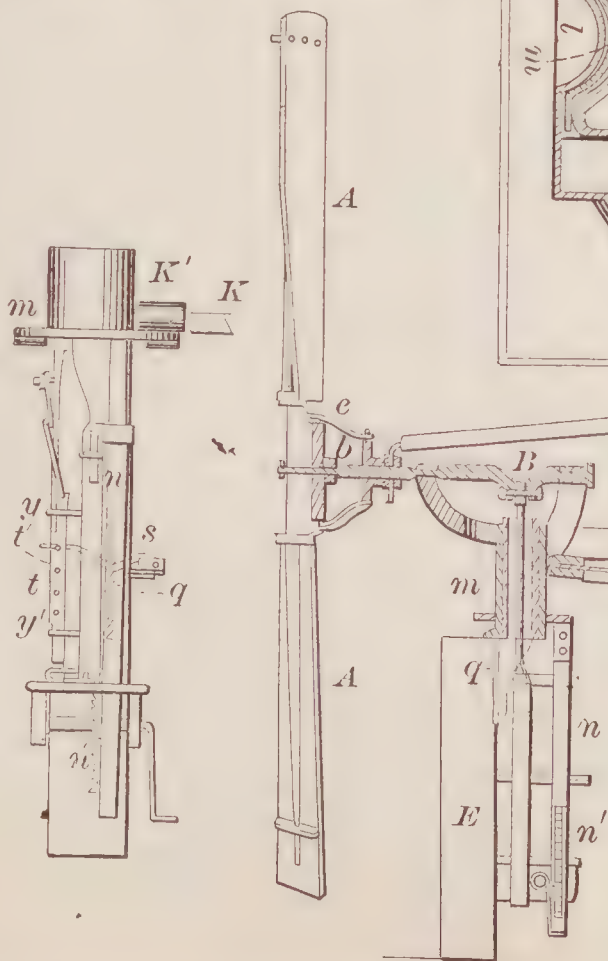


81813—G. Motter, Jr.—Sliding Gate.



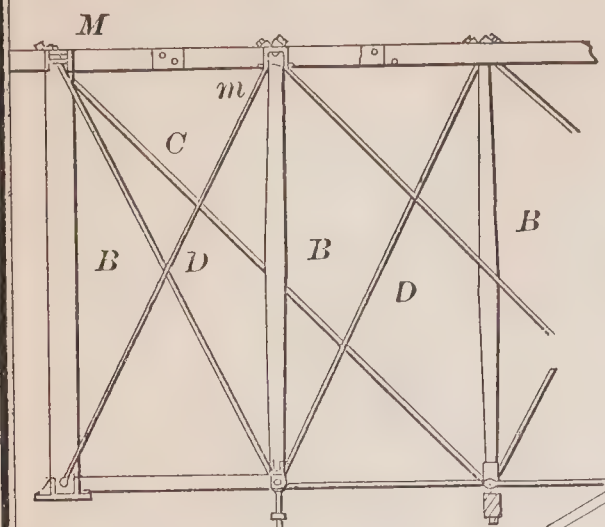
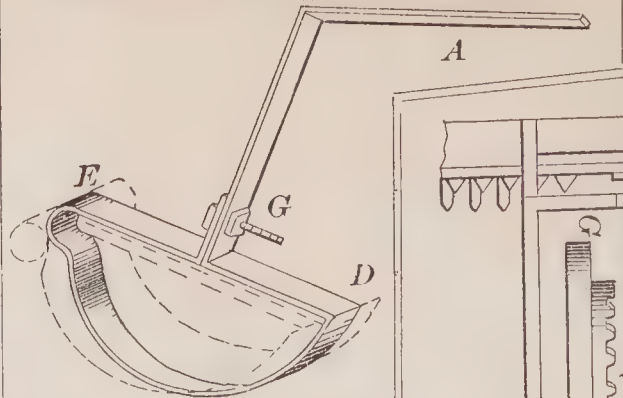
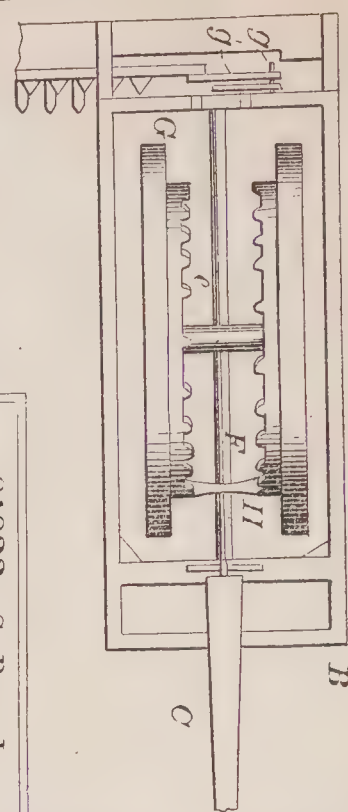
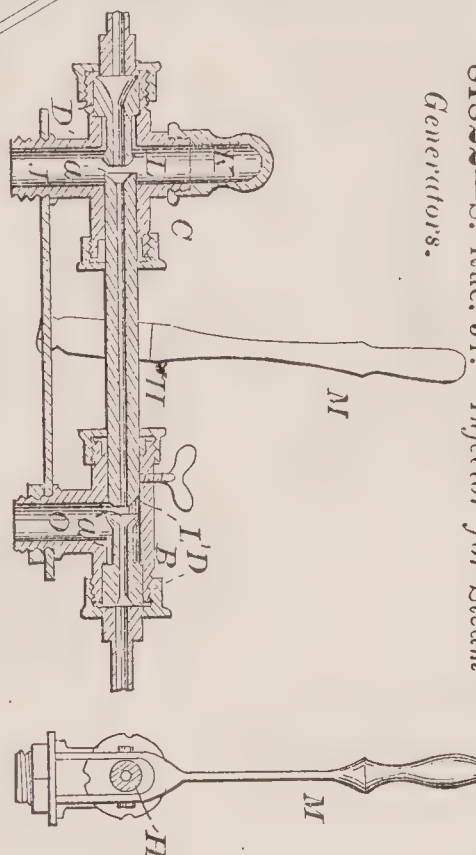
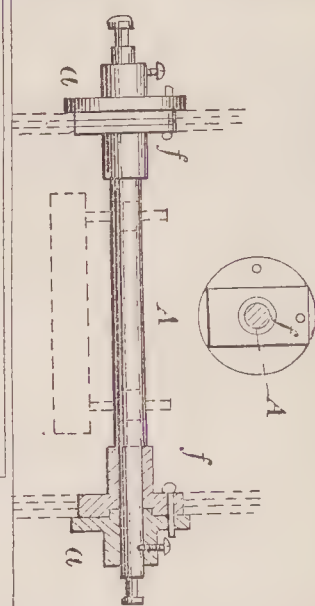
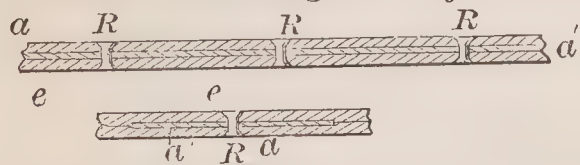
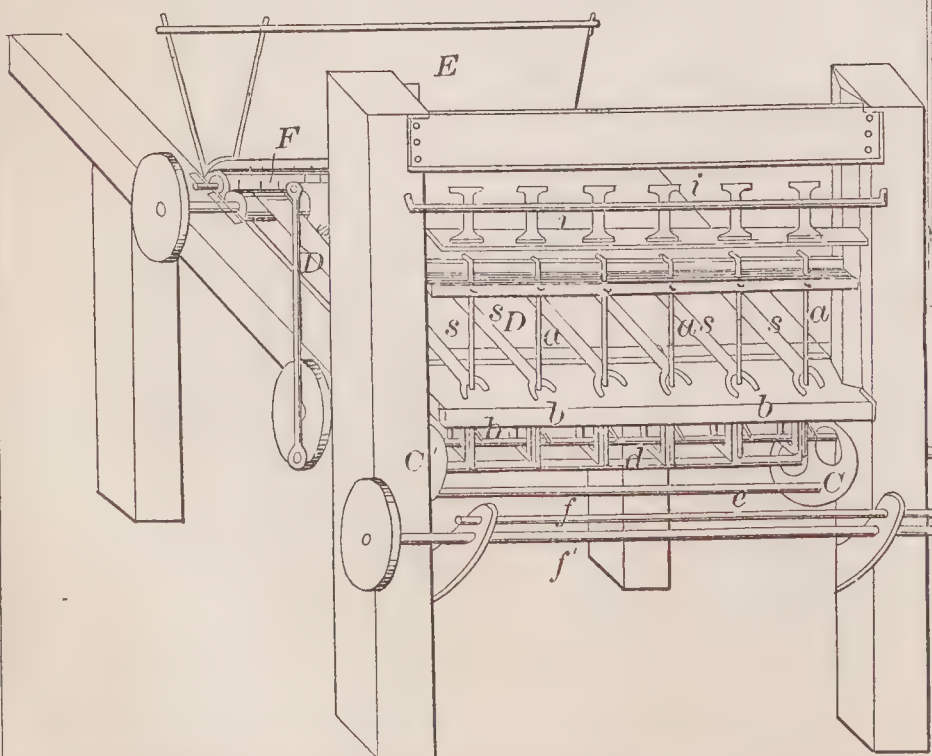
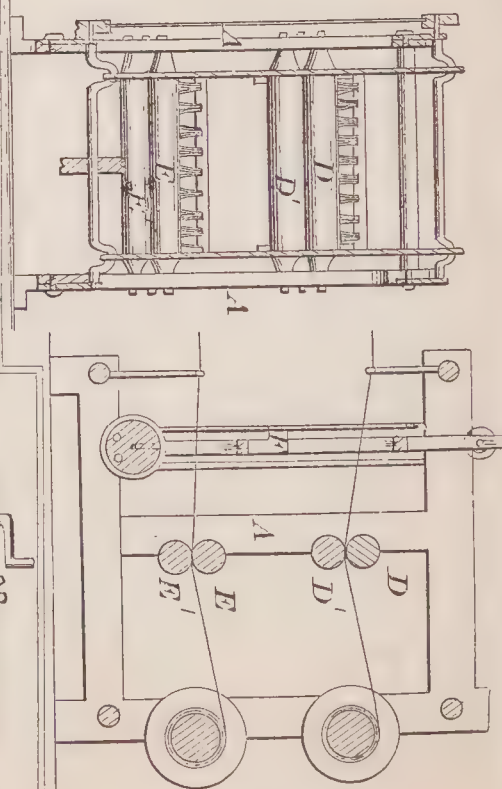
81812—W. P. Miller—Saw.

81816—W. Peck—Windmill.

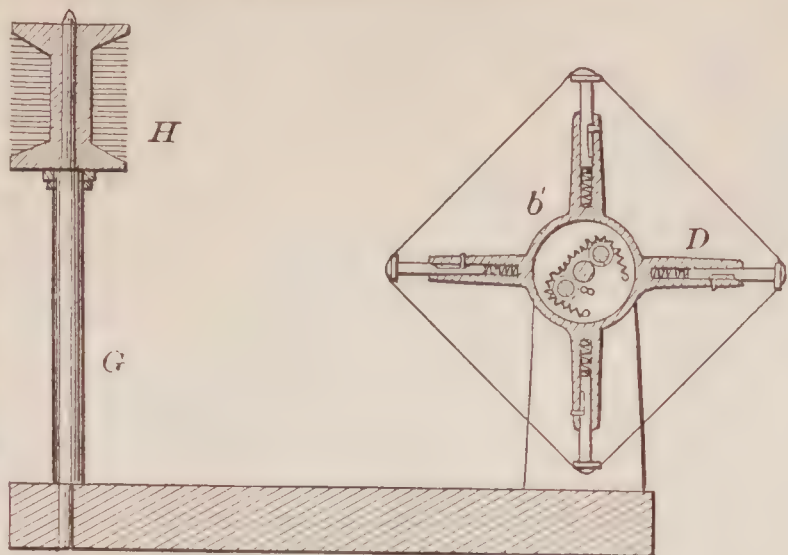


81814—Nuellens & Neuhaus—Wine Cooler.

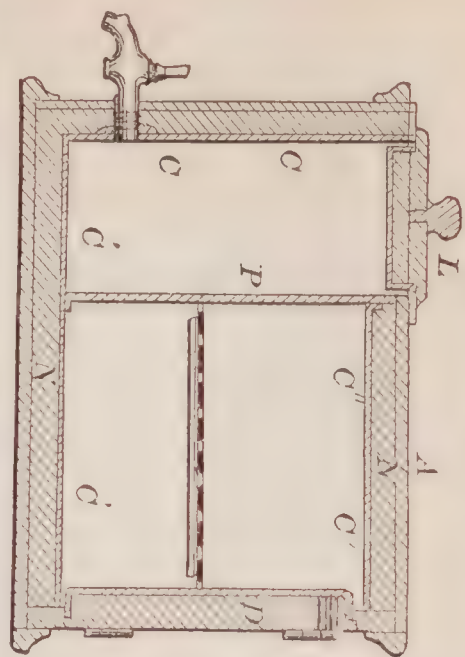


81817—A. J. Post—*Bridge.*81818—J. Reinig—*Earestrough.*81819—E. O. Root—*Mechanical Movement.*81822—S. Rue, Jr.—*Injector for Steam Generators.*81821—S. Rutschman—*Meat Chopping Machine.*81823—T. Standing—*Belting.*81821—A. S. Rowley—*Sewing Machine.*81826—B. Saunders—*Warp Dresser.*

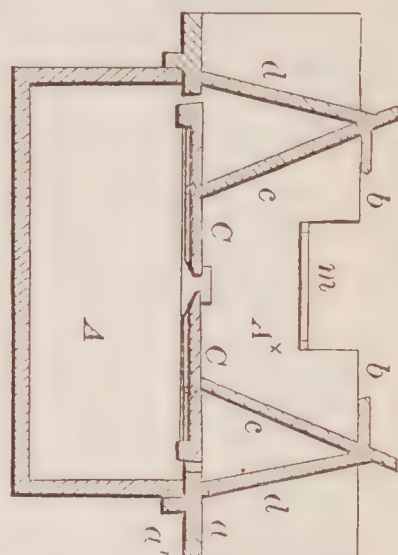
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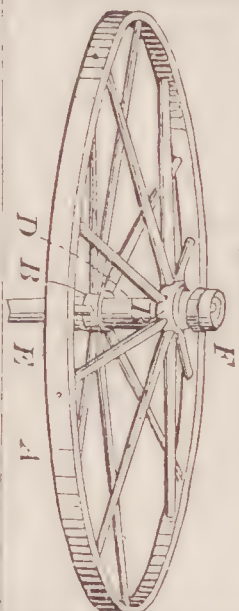
81827—C. C. Savery—Water Cooler and Refrigerator.



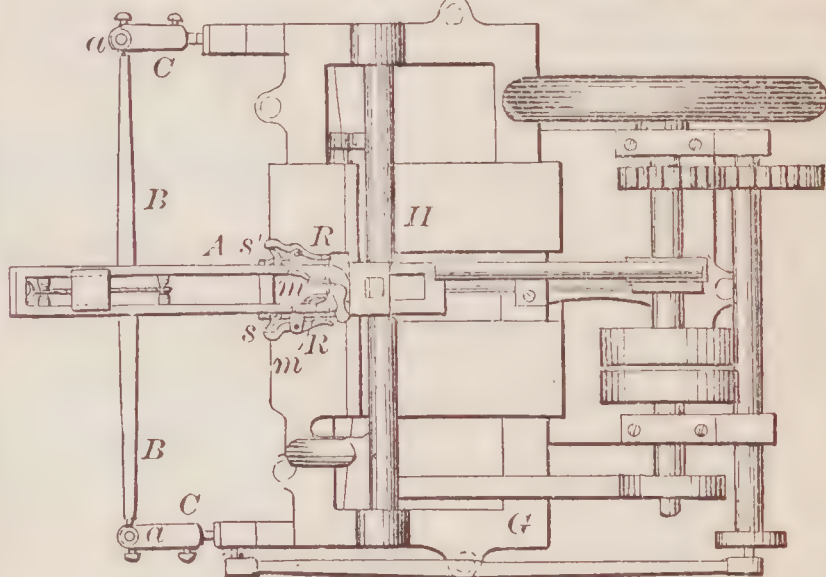
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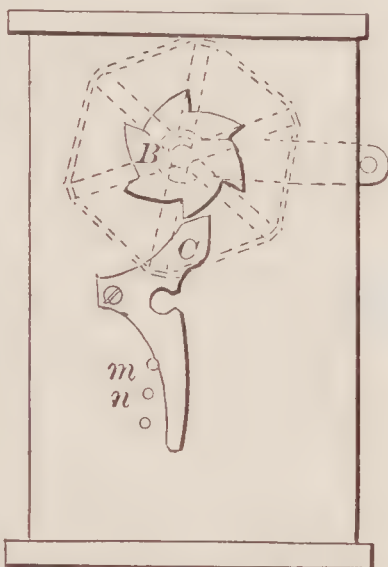
81828—G. W. Seymour—Carriage Wheel.



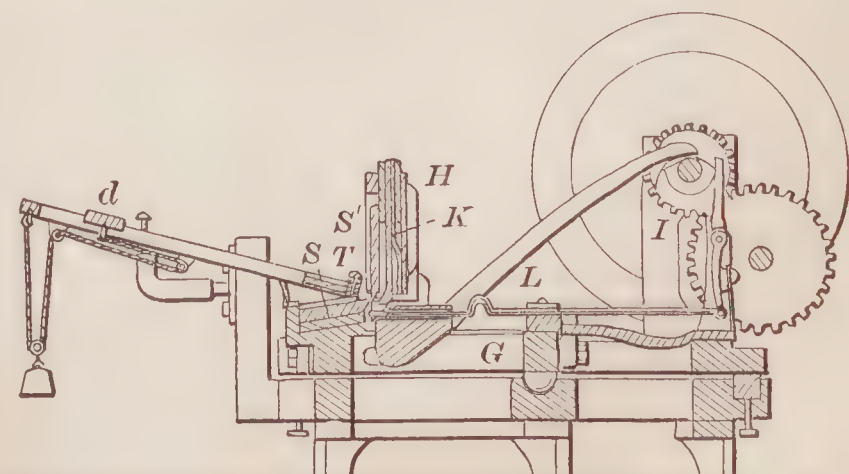
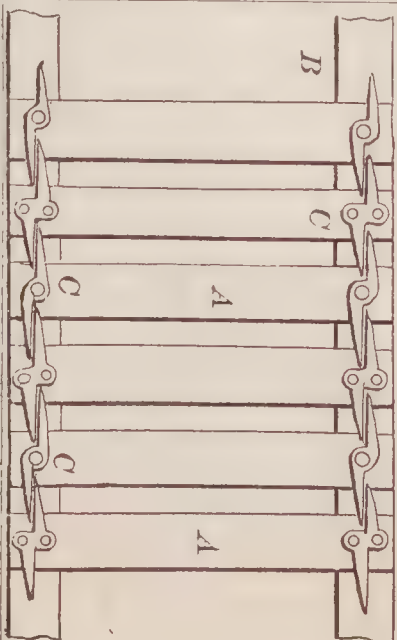
81830—Sherman & Russell—Feeding Nail Plates.



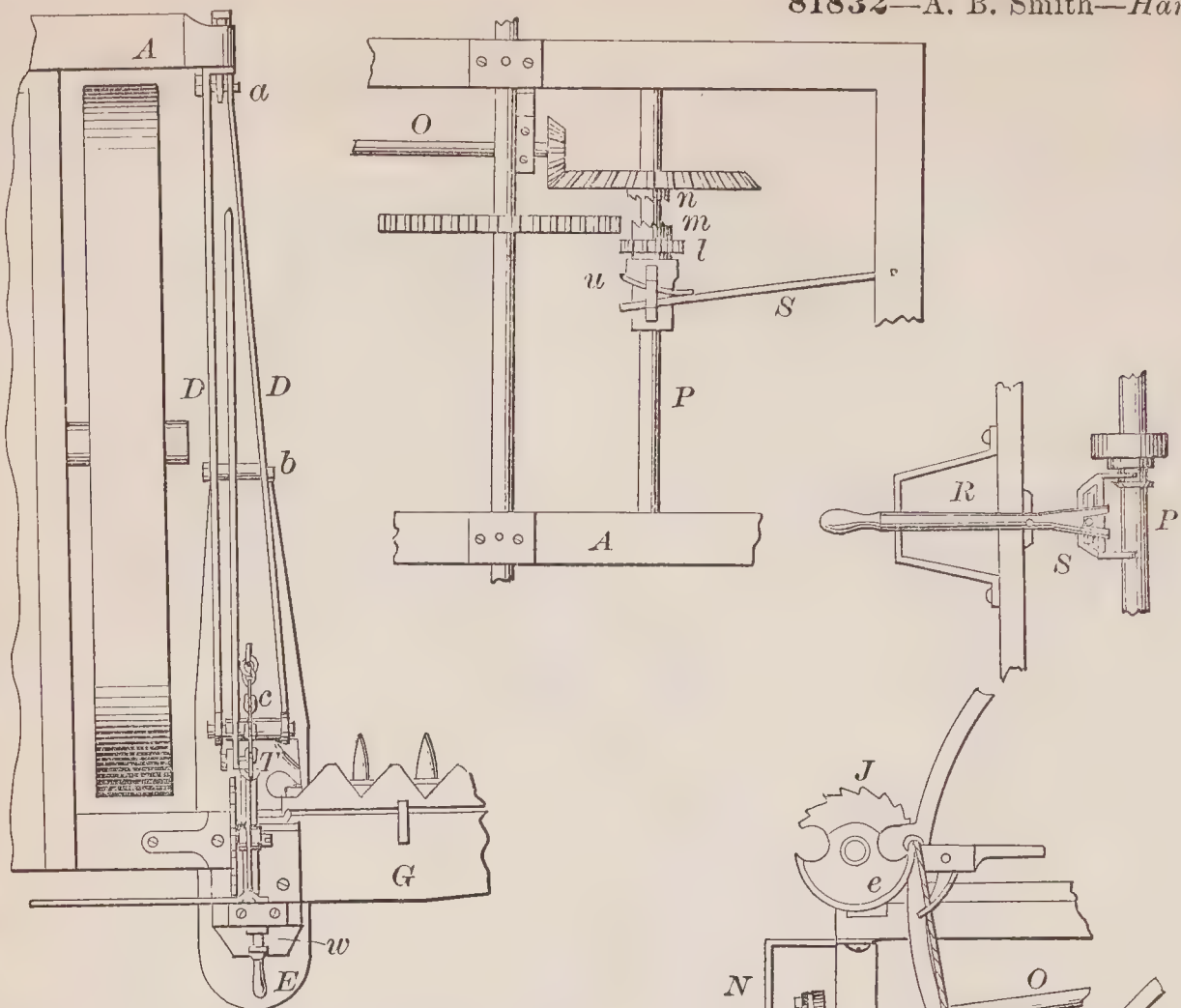
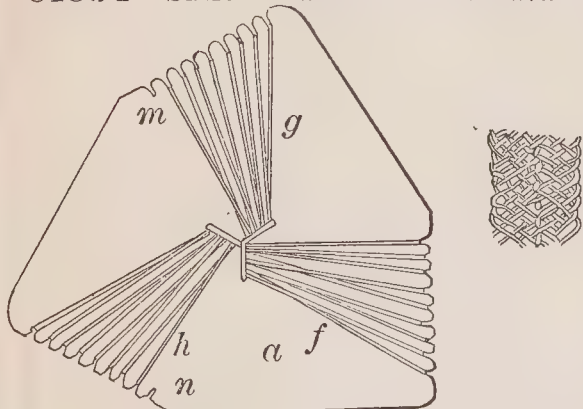
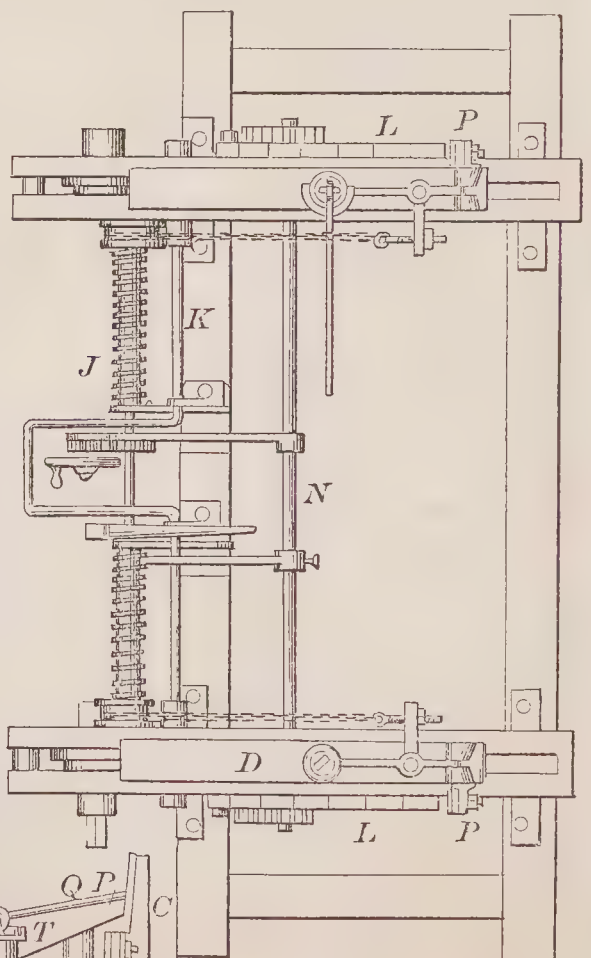
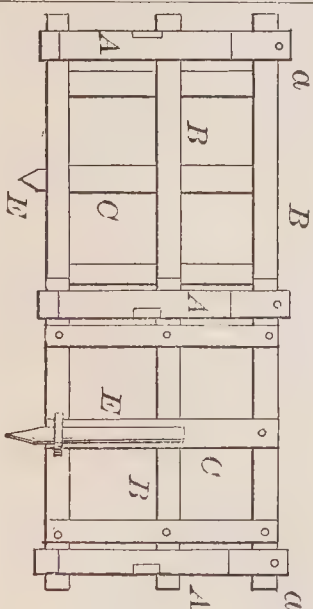
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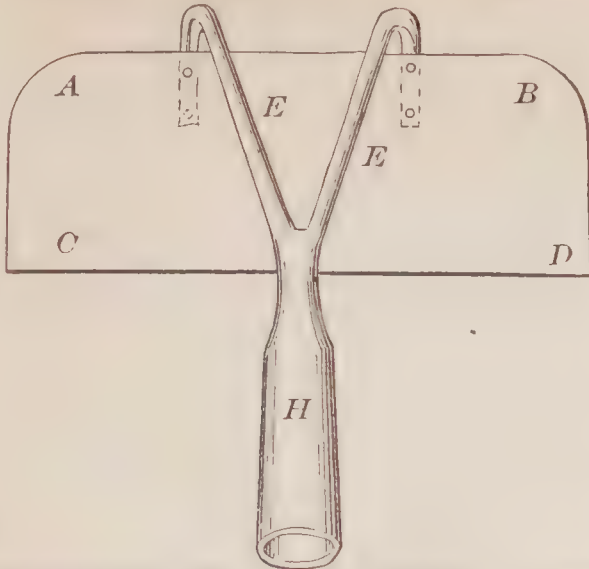
81833—A. B. Smith—Endless Platform for Churn Power.



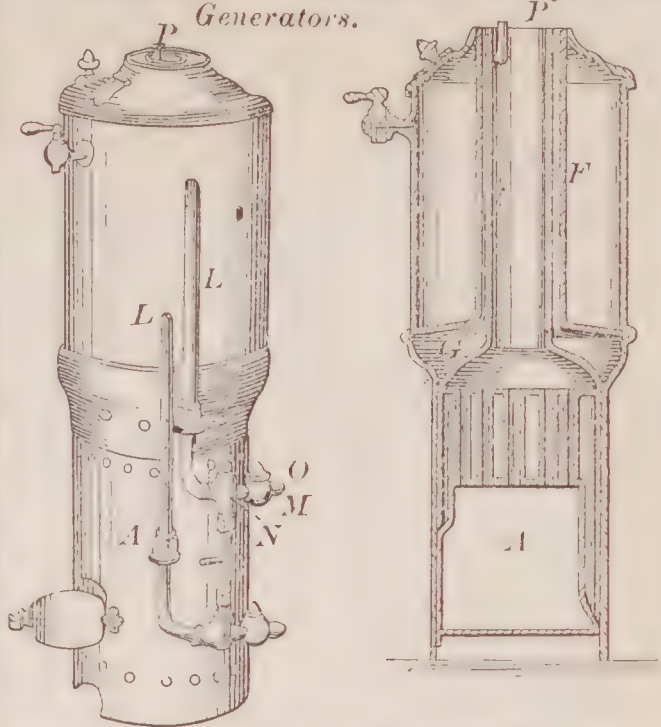


81832—A. B. Smith—*Harvester.*81834—Smith & Shedlock—*Braid.*81837—E. H. Stearns—*Head Block.*81835—T. W. F. Smitten—*Breastpin Fastening.*81836—J. Southwick—*Fence.*

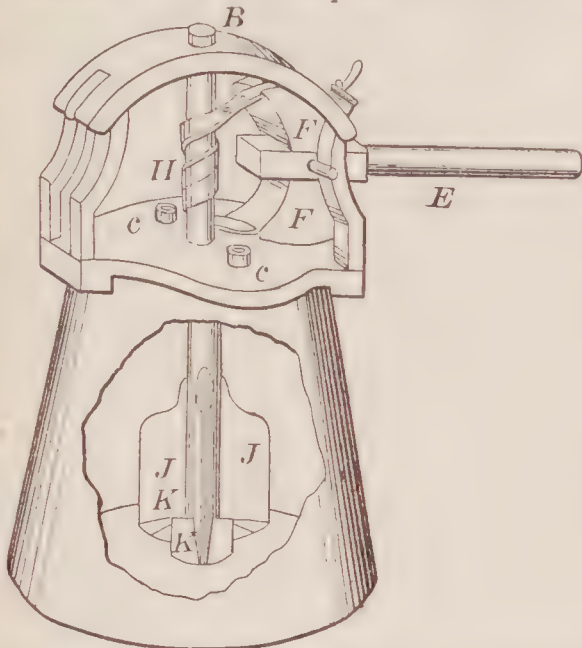
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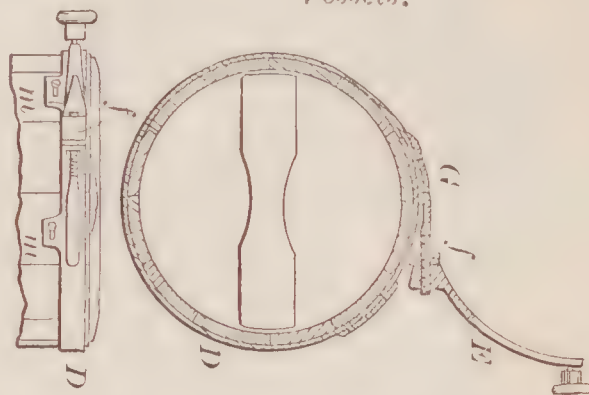
81840—J. W. Sutton—Heater for Steam Generators.



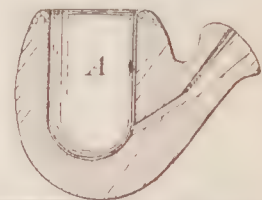
81842—J. W. Thompson—Churn.



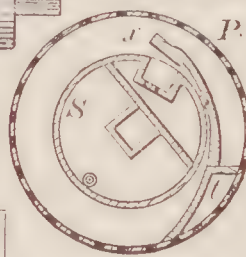
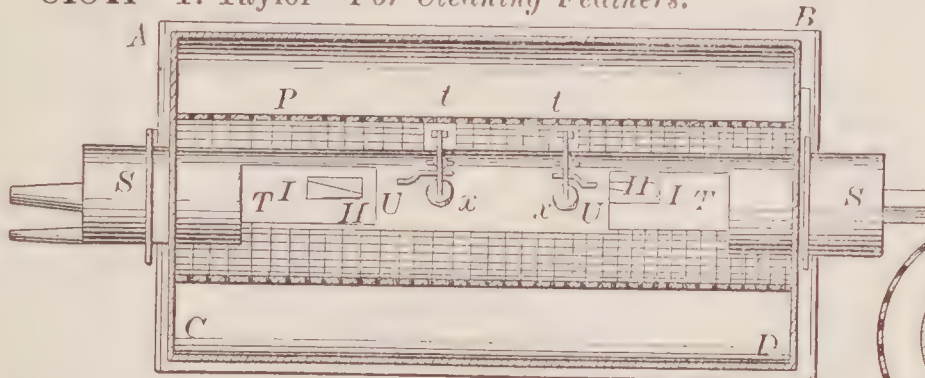
81843—J. Tingley—Tightening Bands for Vessels.



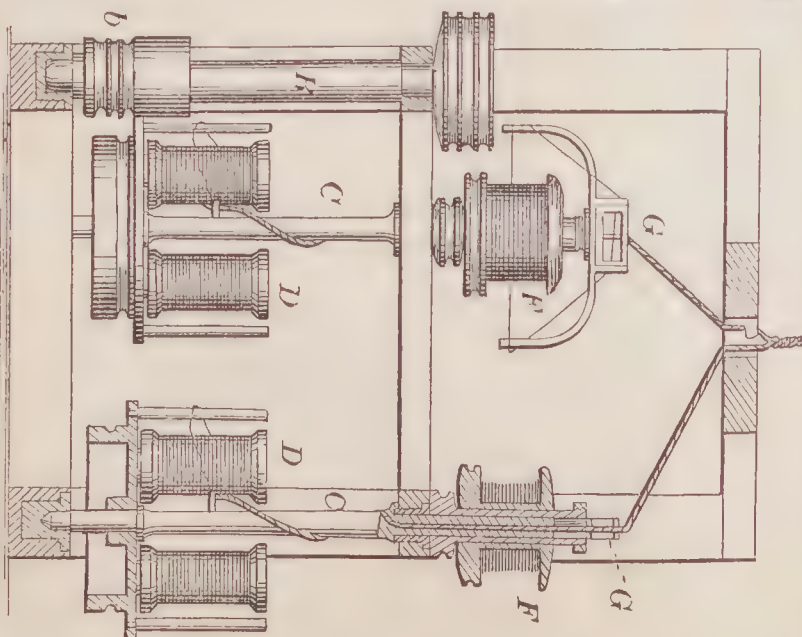
81844—C. Föllnor—Pipe.



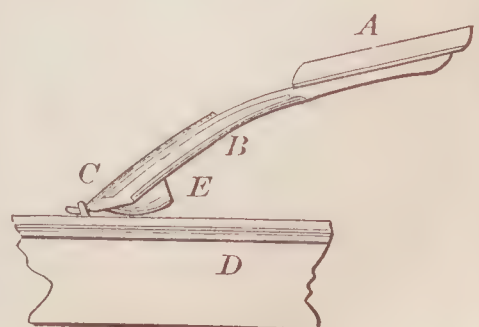
81841—T. Taylor—For Cleaning Feathers.



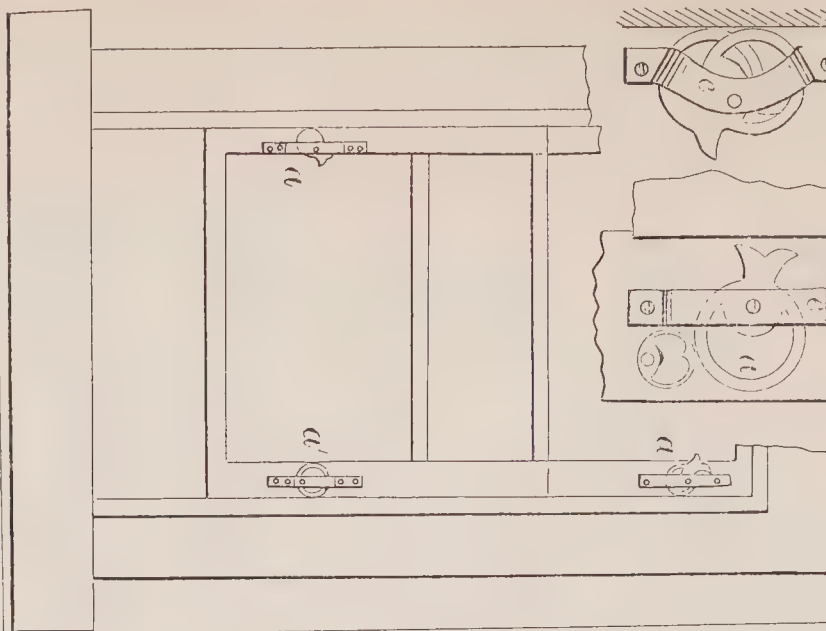
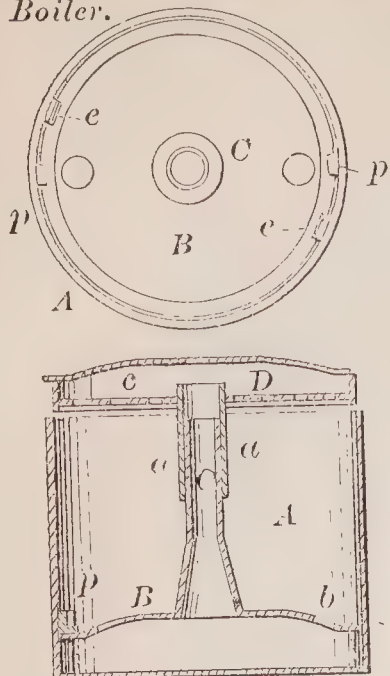
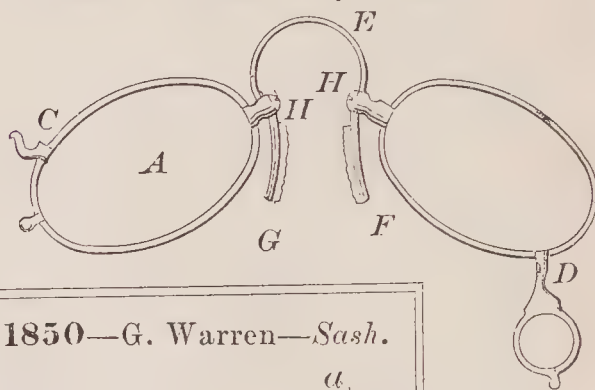
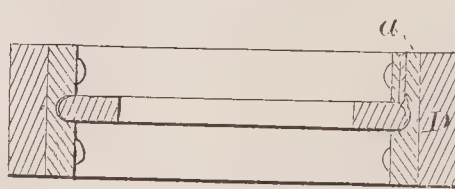
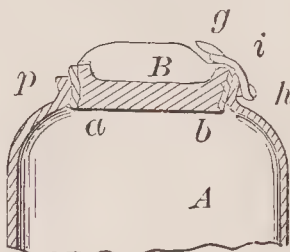
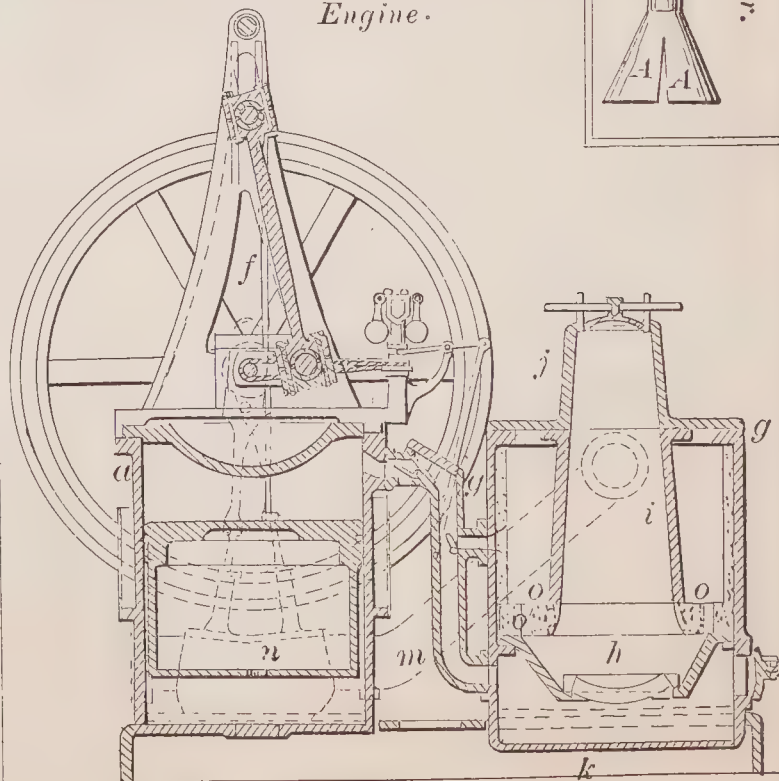
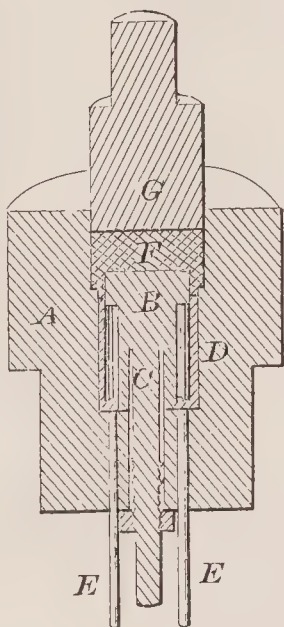
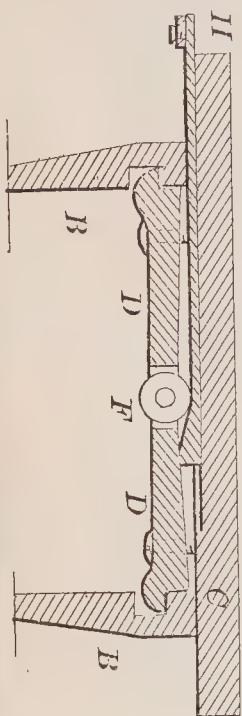
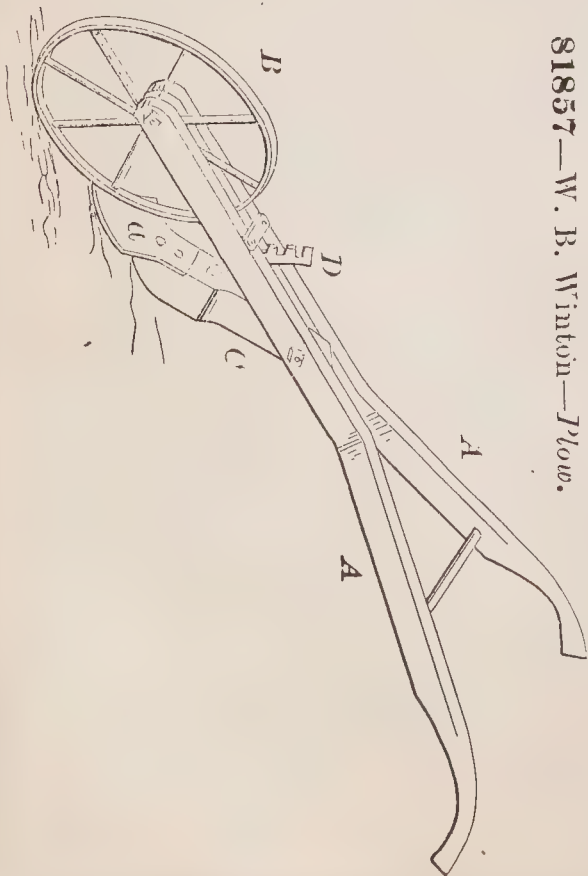
81845—J. Turner—For Covering Cord.

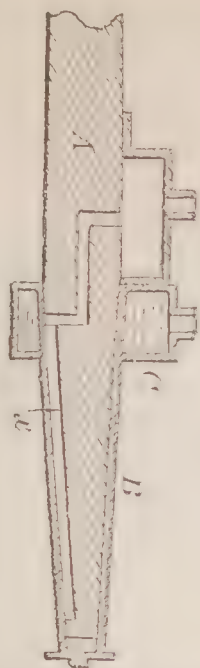


81846—O. Vanorman—Vehicle Seat.

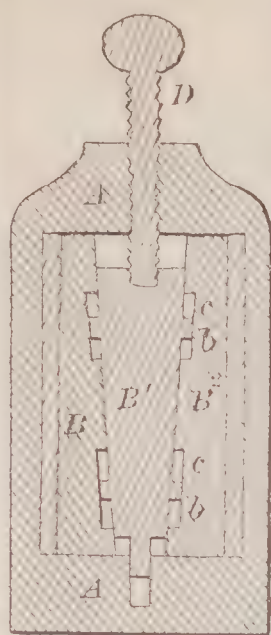




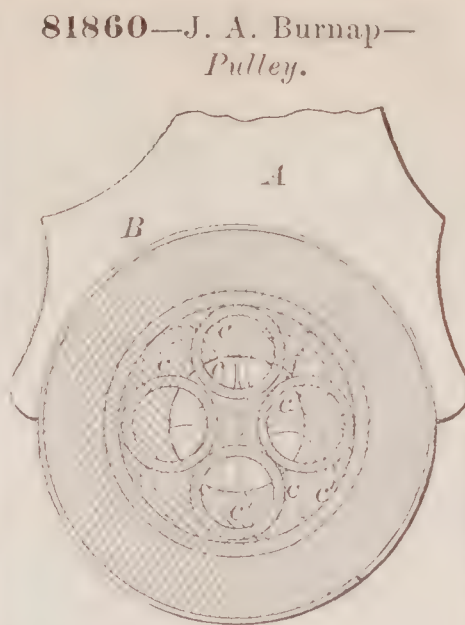
81847—J. Varley—*Wash Boiler.*81848—F. Walker—*Sash Fastening.*81849—E. Want—*Eye Glass.*81850—G. Warren—*Sash.*81856—E. R. Williams—*Fruit Jar.*81853—F. Herbert—*Hot Air Engine.*81855—J. Willard—*Box Opener.*81852—W. Weeks—*Die.*81854—A. Whitecomb—*Planing Machine.*81857—W. B. Winton—*Plow.*



81858—J. Worden—*Lube Lubricator.*



81859—E. S. Wright—*Cutter Head.*

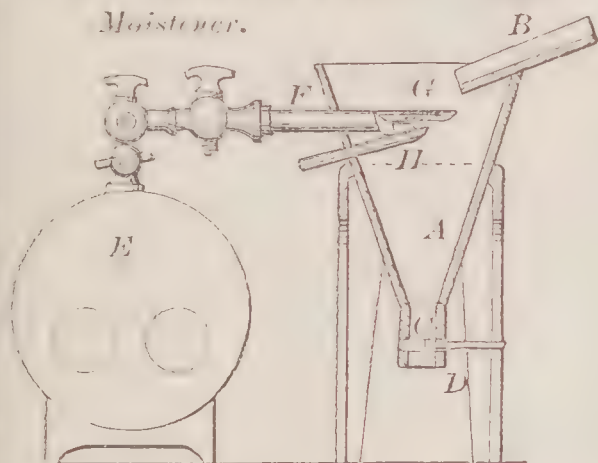


81860—J. A. Burnap—*Pulley.*

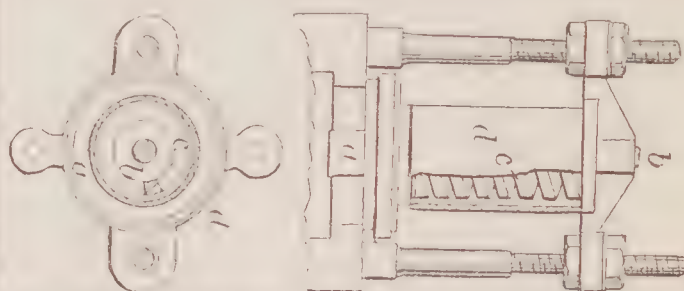


81862—A. Arnemann—*Pocket Attachment.*

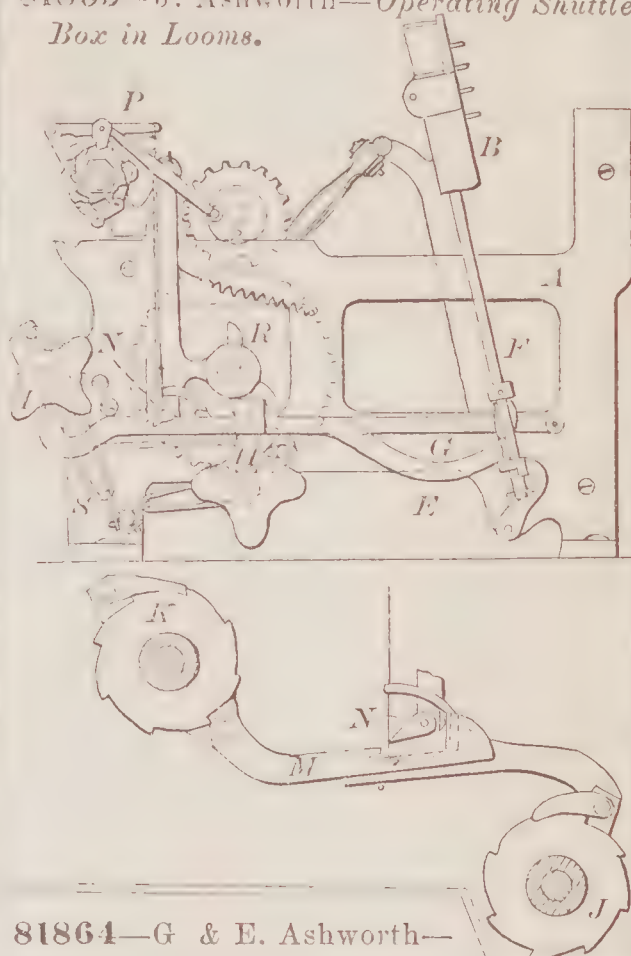
81861—Adams & Esale—*Grain Moistener.*



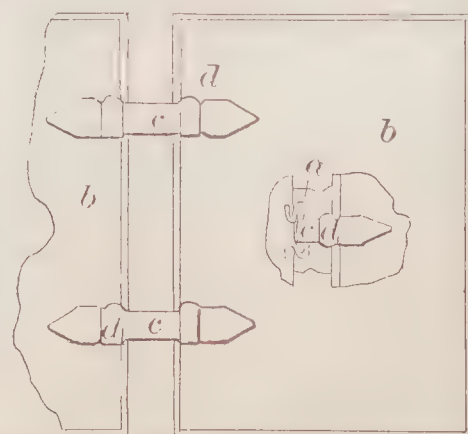
81863—E. H. Ashcroft—*Safety Valve.*



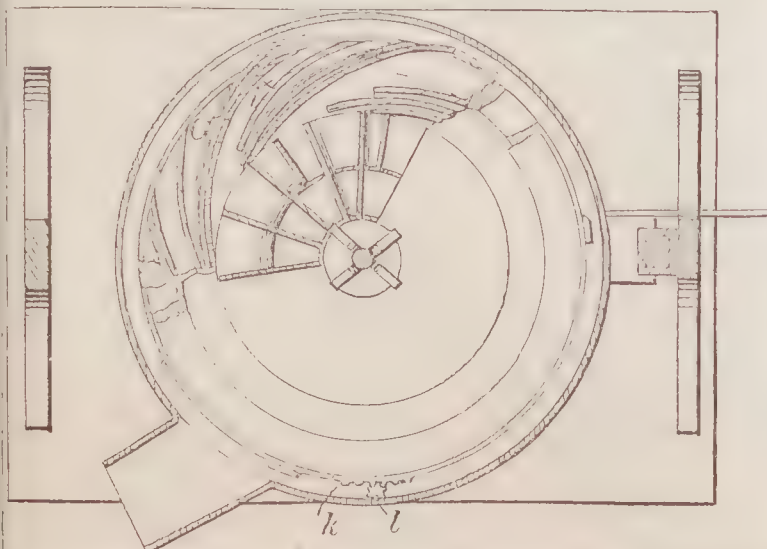
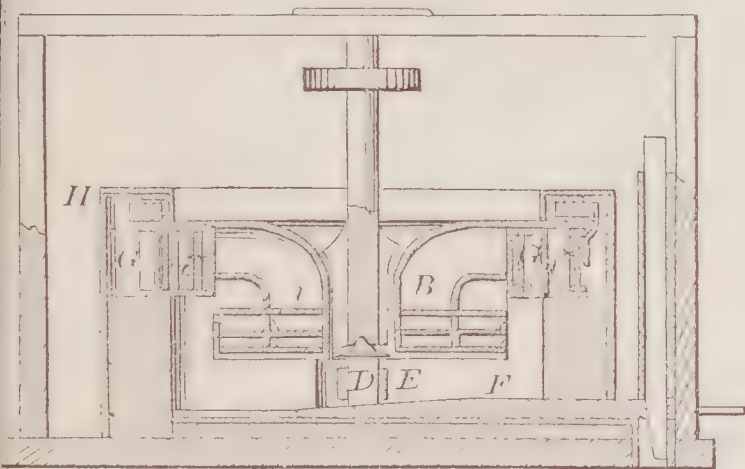
81865—J. Ashworth—*Operating Shuttle Box in Looms.*



81864—G & E. Ashworth—*Portfolio.*

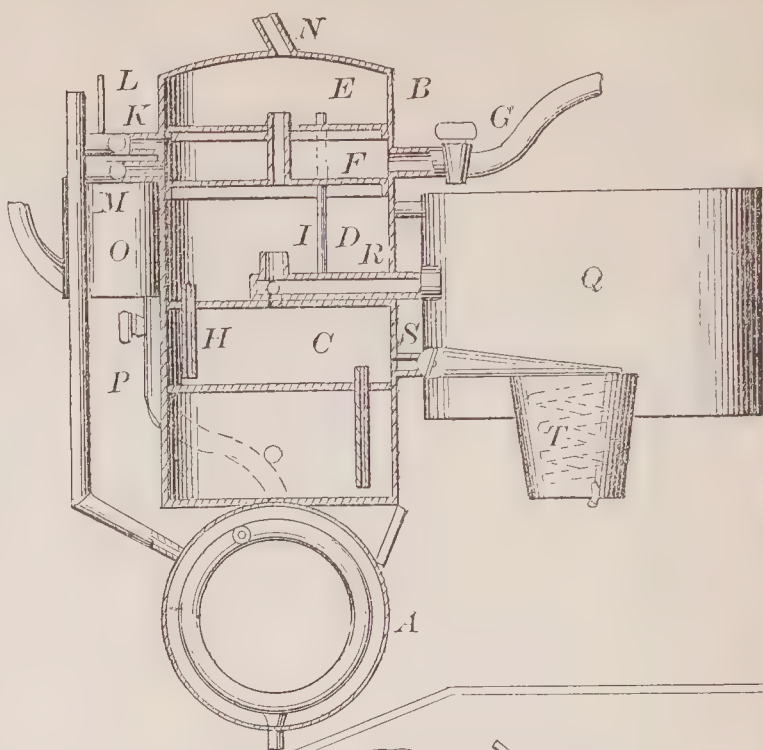


81866—V. M. Baker—*Water Wheel.*

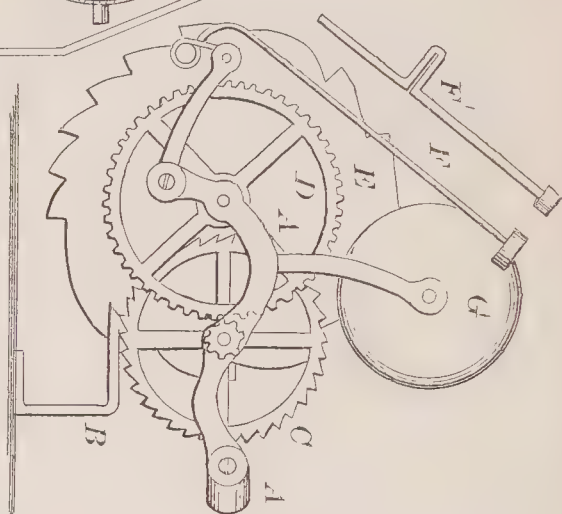




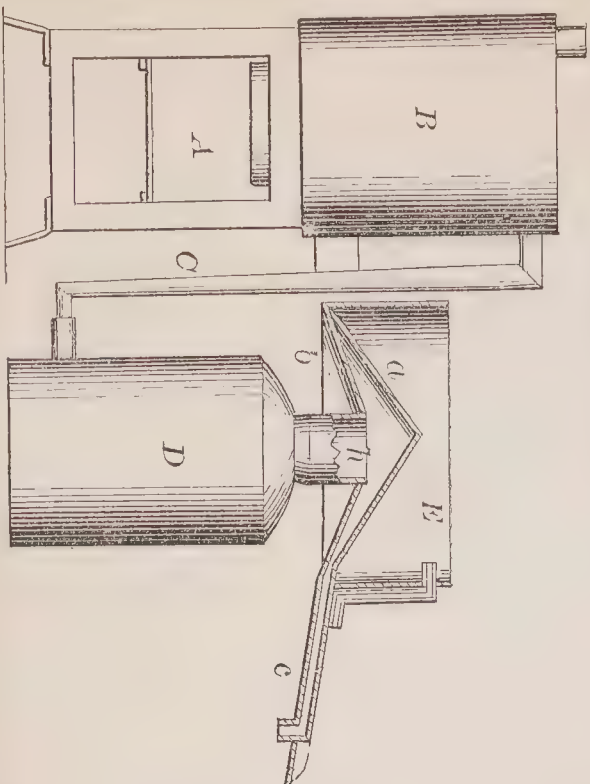
81868—W. G. Barette—*For Rectifying Spirits.*



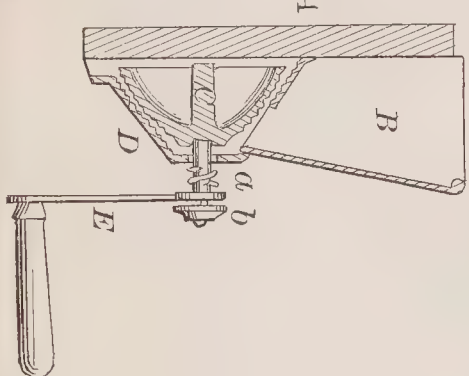
81870—B. B. Bollinger—*Knitting Machine Register.*



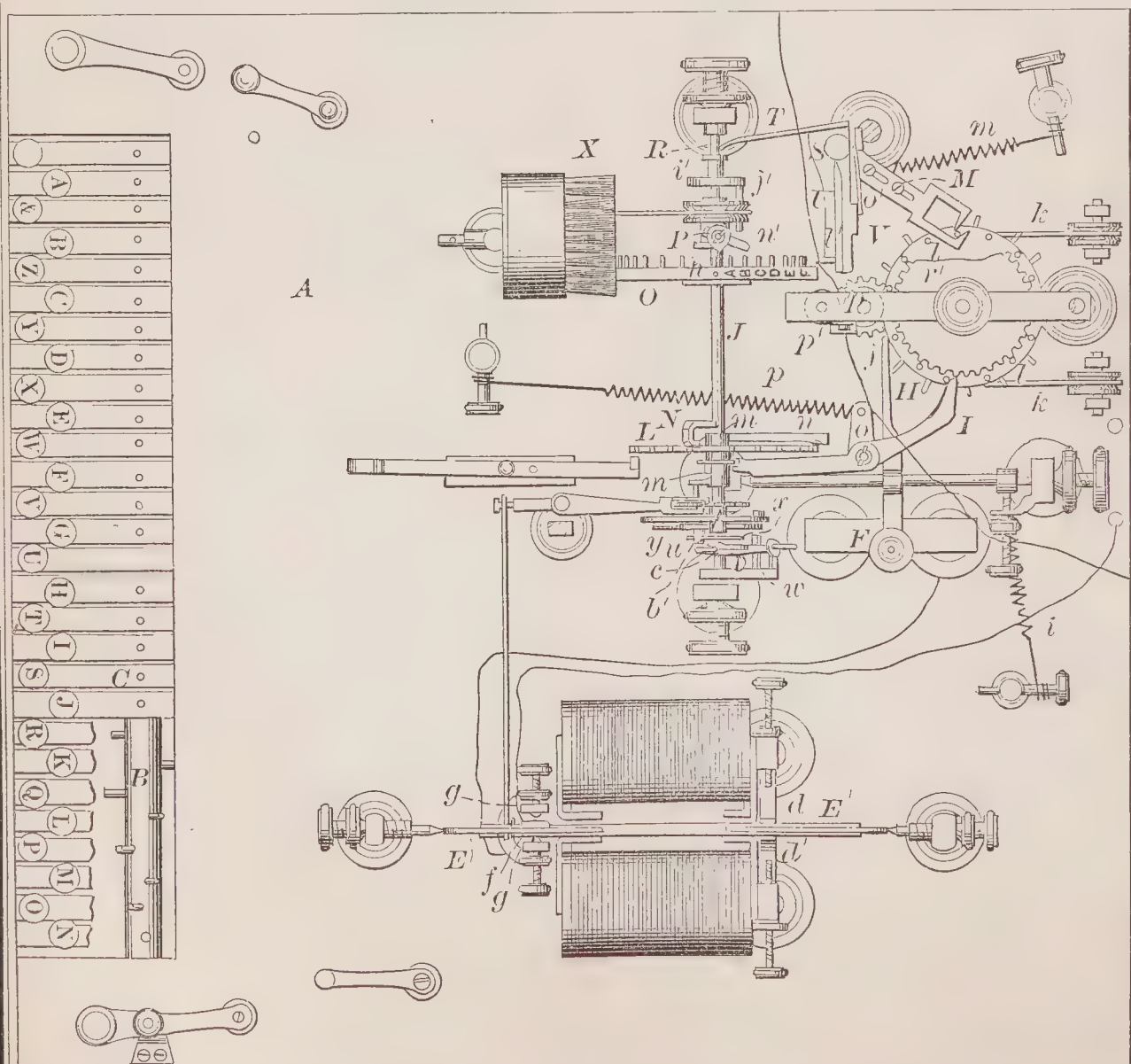
81867—G. O. Baldwin—*Still.*



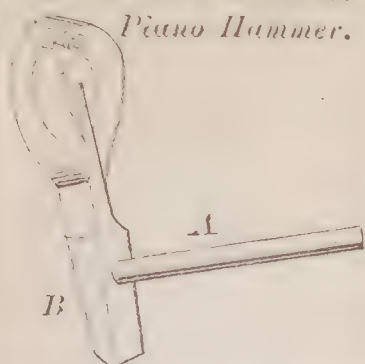
81869—W. H. Barnes—*Coffee Mill.*



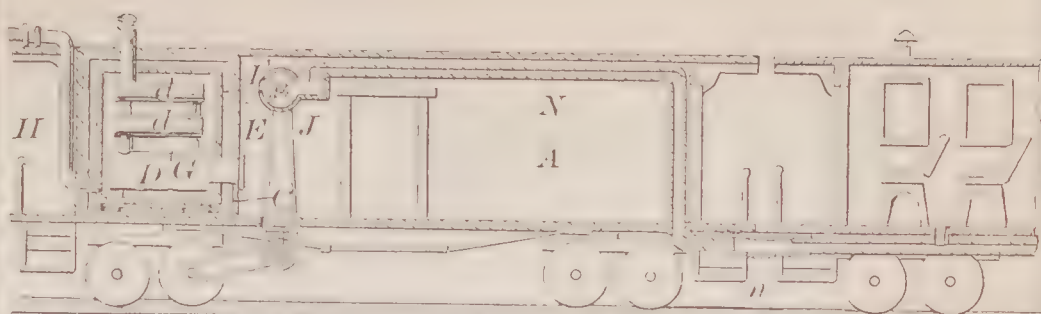
81871—R. K. Boyle—*Printing Telegraph Instrument.*



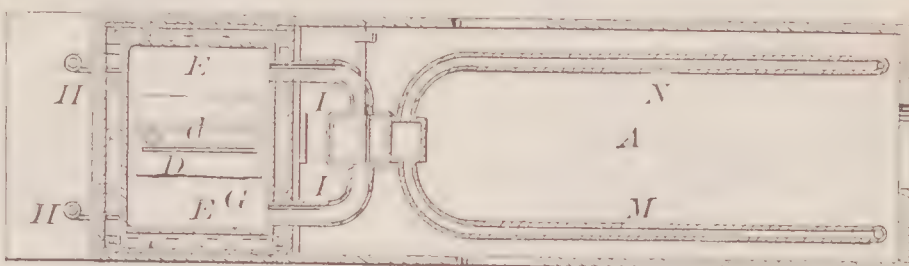
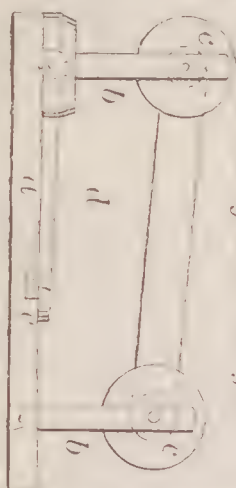
81872—C. W. Brewer—*Piano Hammer.*



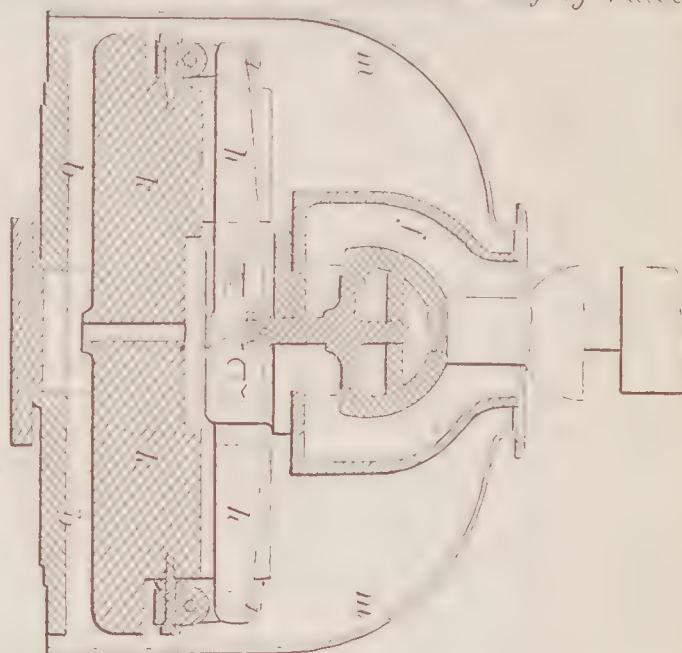
81873—H. M. Britton—*Car Heater.*



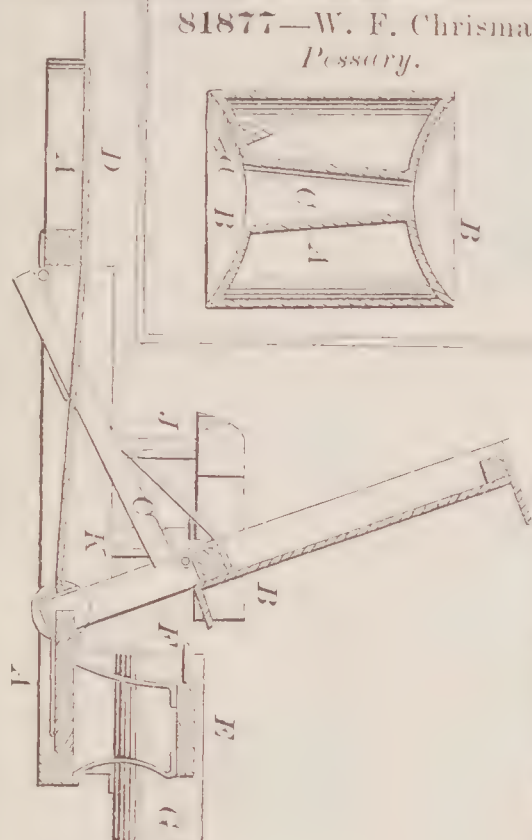
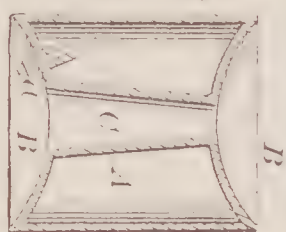
81874—H. L. Brown—*Silk Winding Machinery.*



81878—G. H. & E. Clemms—*Safety Valve.*

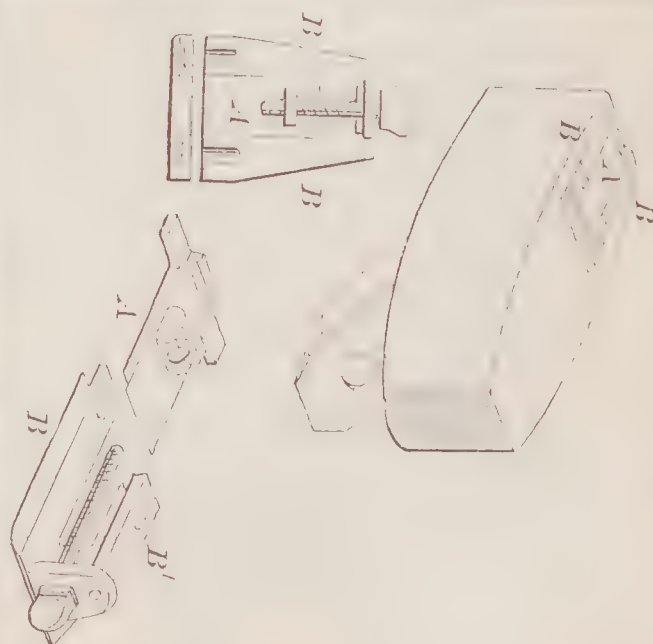


81877—W. F. Chrisman—*Pessary.*

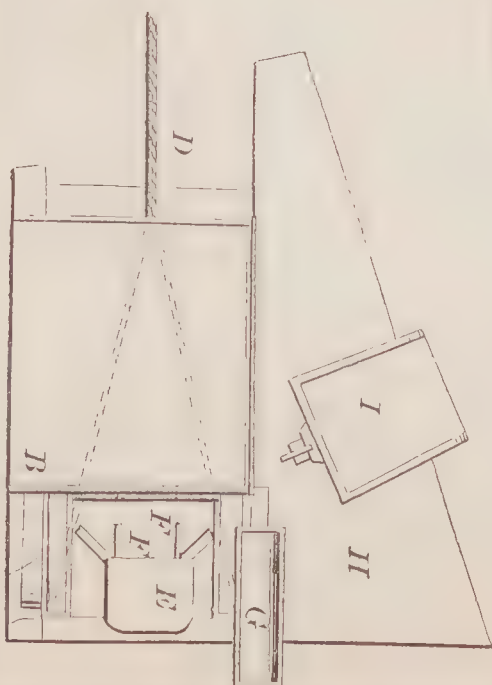
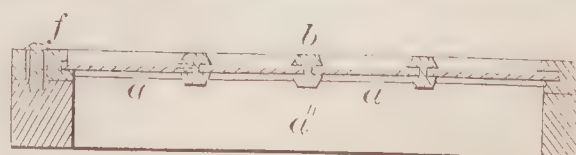


81875—J. K. Bull—*Green Binder.*

81879—A. H. Comp—*Pione.*

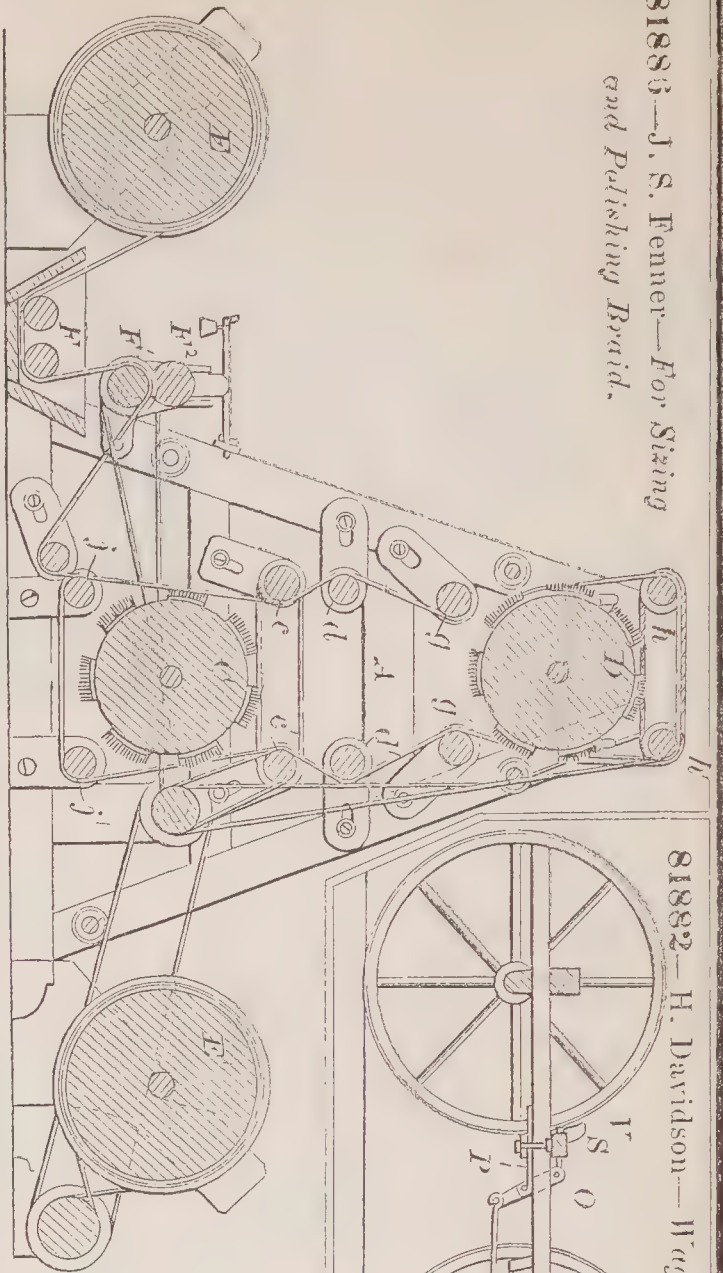


81881—M. Cridge—*Hot Bed Sash and Frame.*

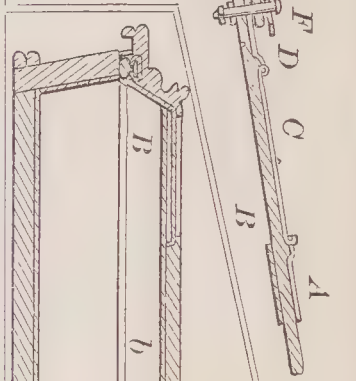
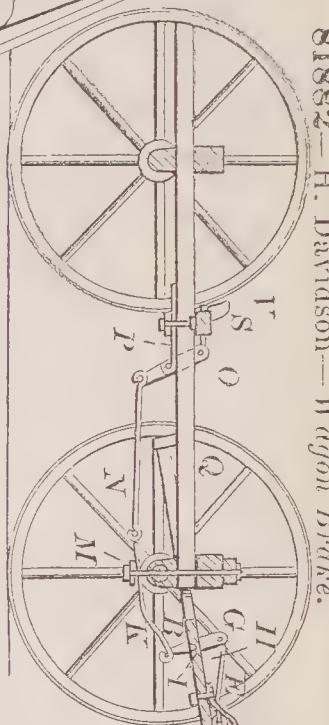




81883—J. S. Fenner—For Sizing  
and Polishing Braid.

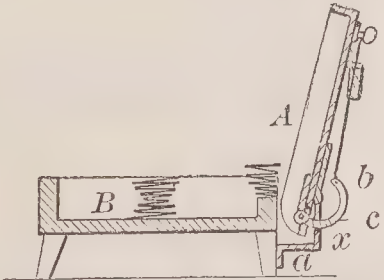
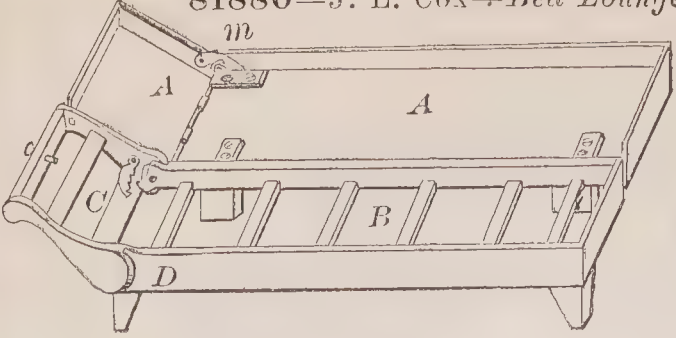


81882—H. Davidson—Wagon Brake.

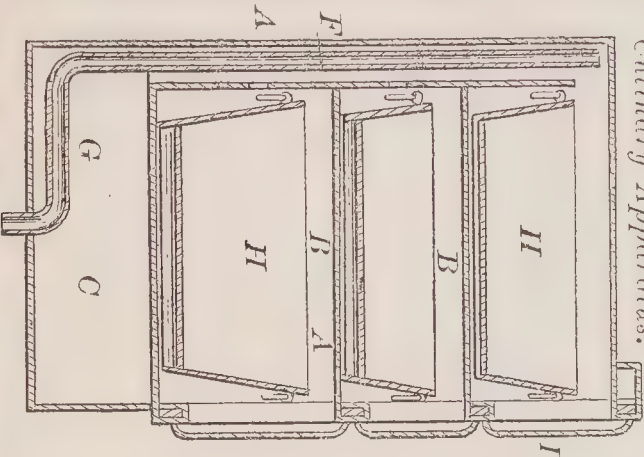


81885—E. Ellingen—Coffin.

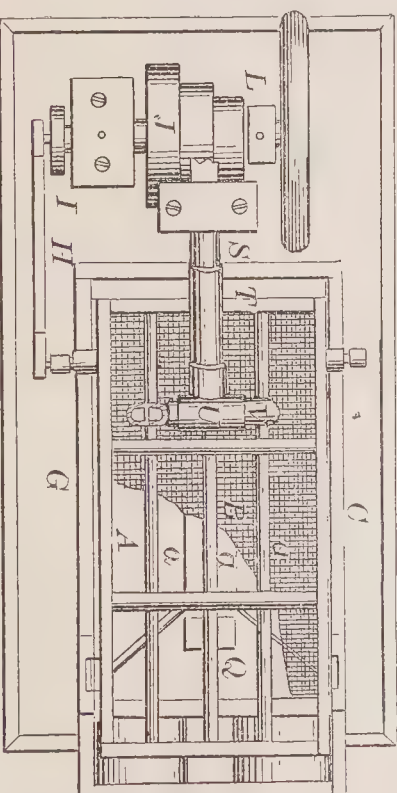
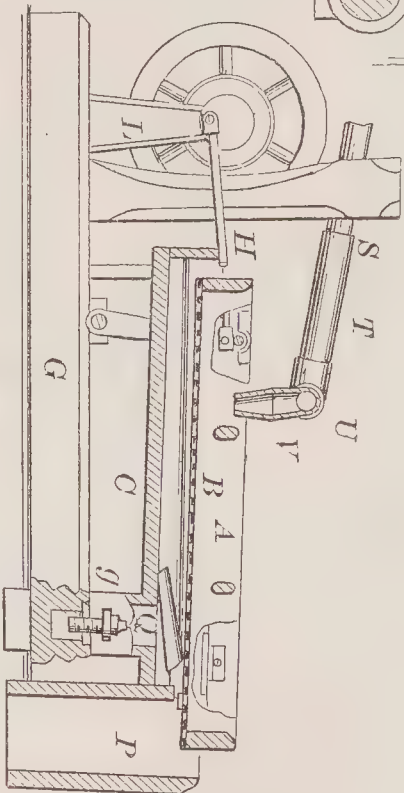
81880—J. L. Cox—Bed Lounge.



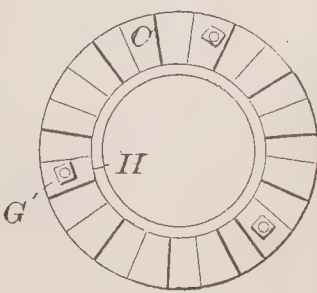
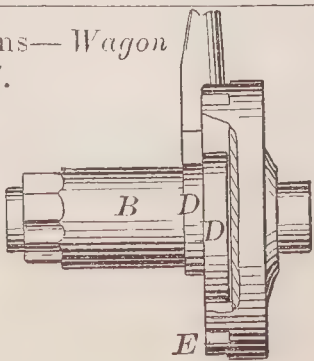
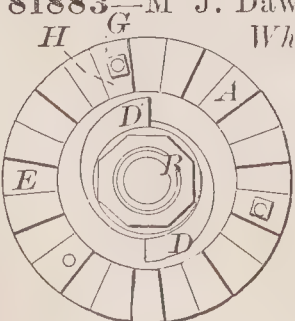
81887—J. S. Field—  
Culinary Apparatus.



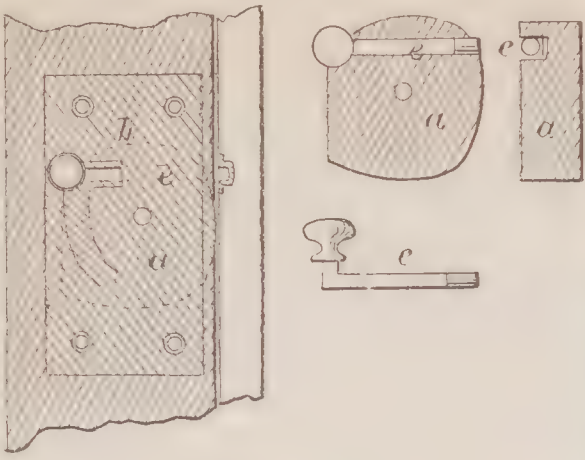
81888—C. Gilbert—Starch Separator.



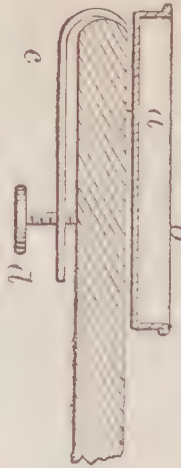
81883—M. J. Dawkins—Wagon  
Wheel.



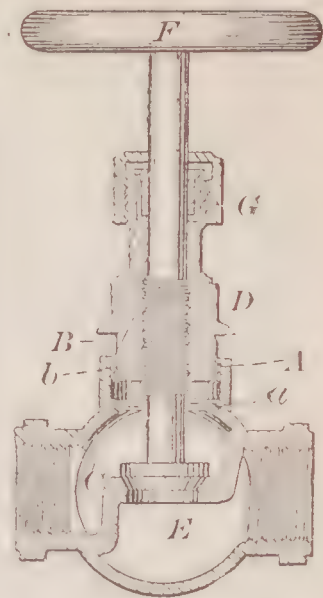
81889—L. D. Gould—*Sash Fastener.*



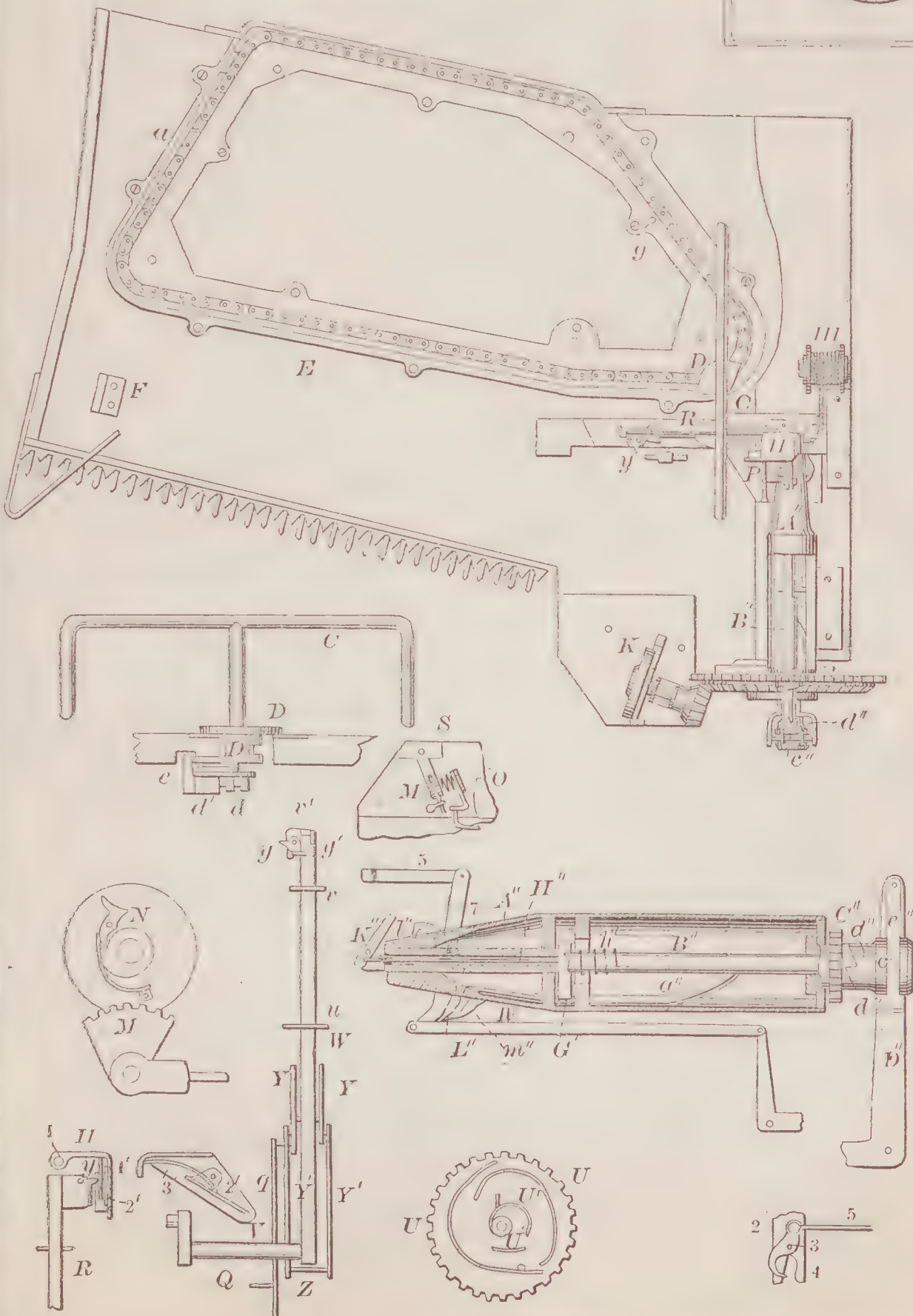
81890—Gould & Harris—*Anti-Stripping Plate.*



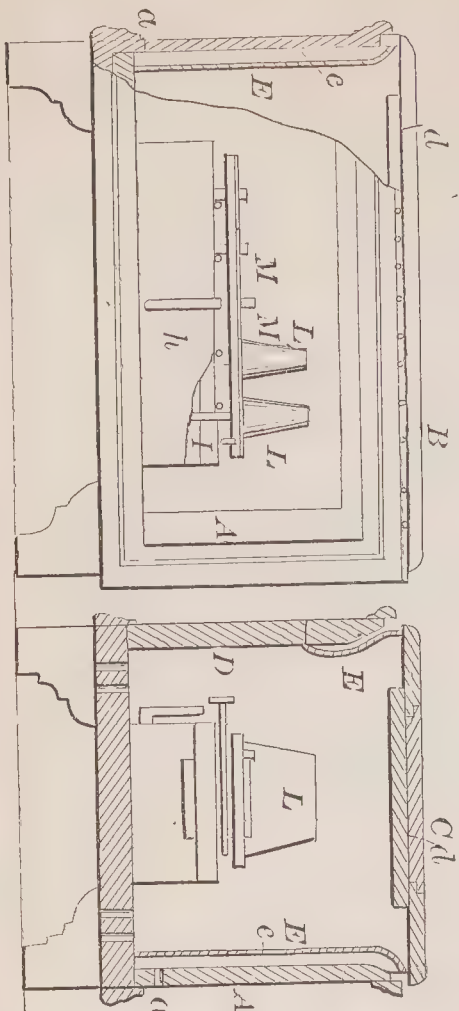
81893—G. D. Hadley—*Globe Valve.*



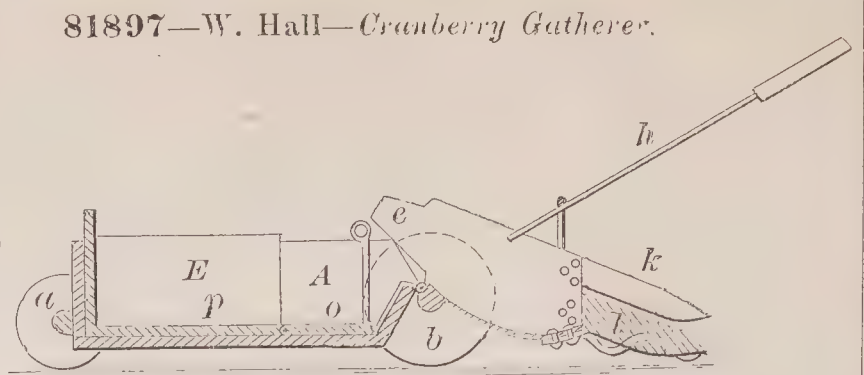
81891—J. B. Greenhut—*Grain Binder.*





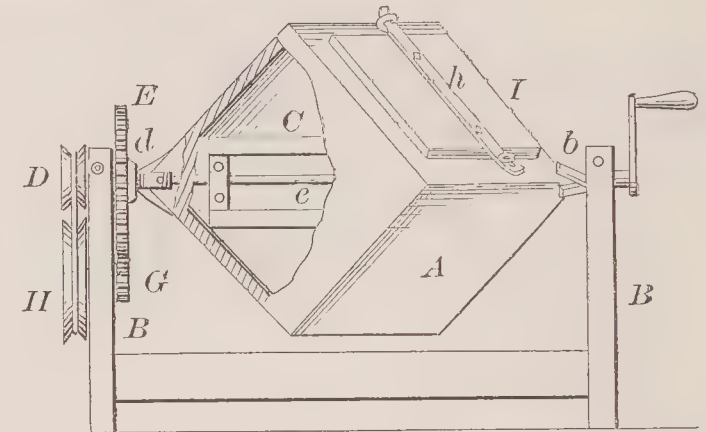


81892—J. T. Greenwood—Gas Heater.

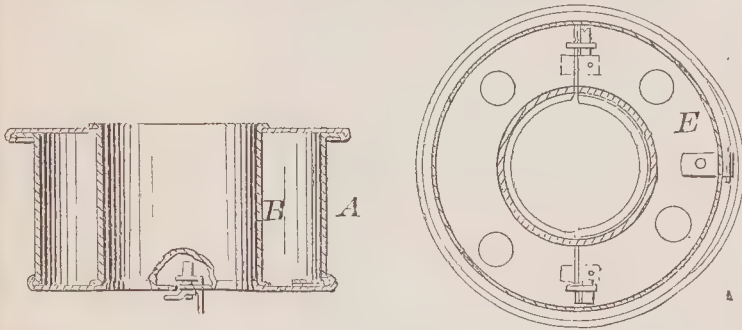


81897—W. Hall—Cranberry Gatherer.

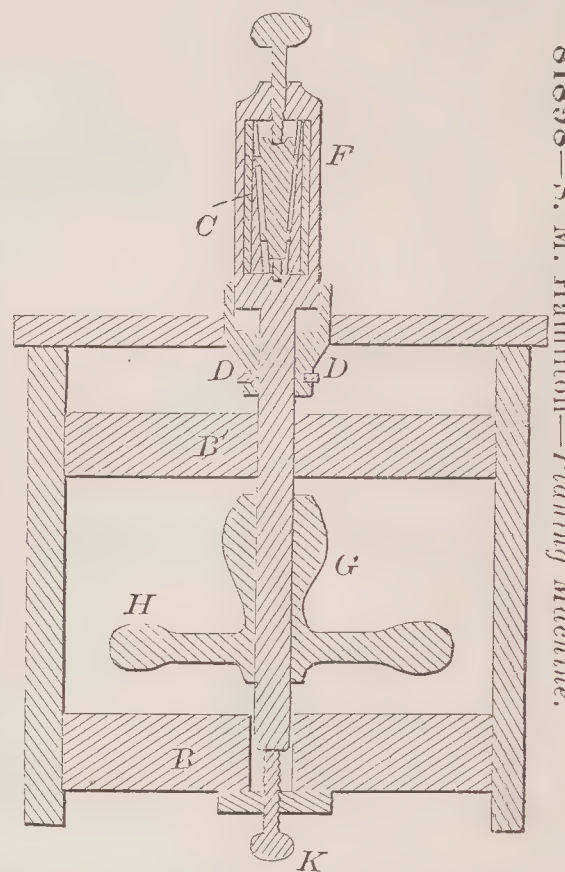
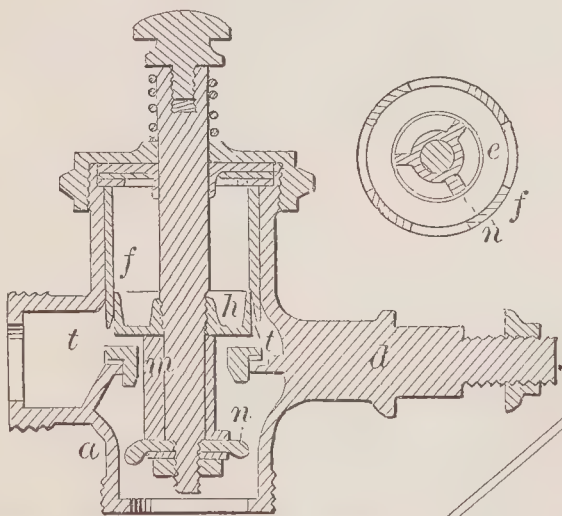
81896—T. Haigh—Churn.



81899—G. E. Hammer—Stove Pipe Thimble.

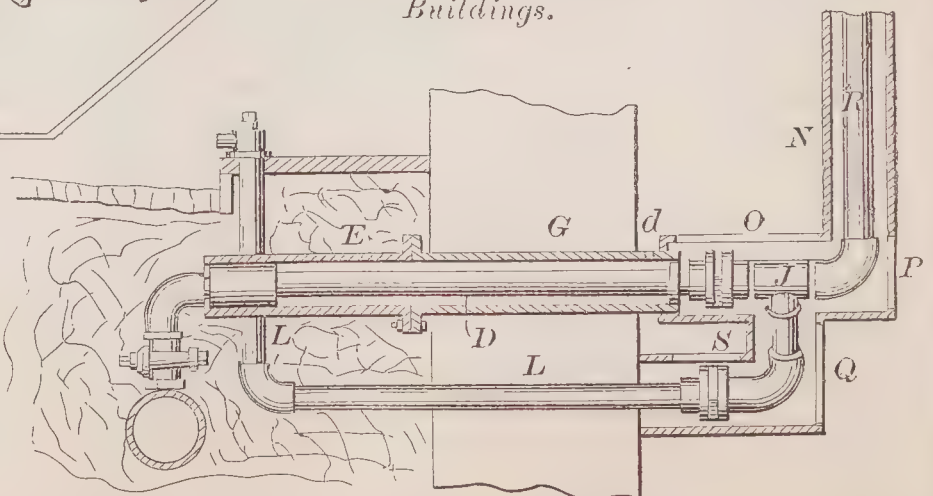


81900—C. Harrison—Faucet.

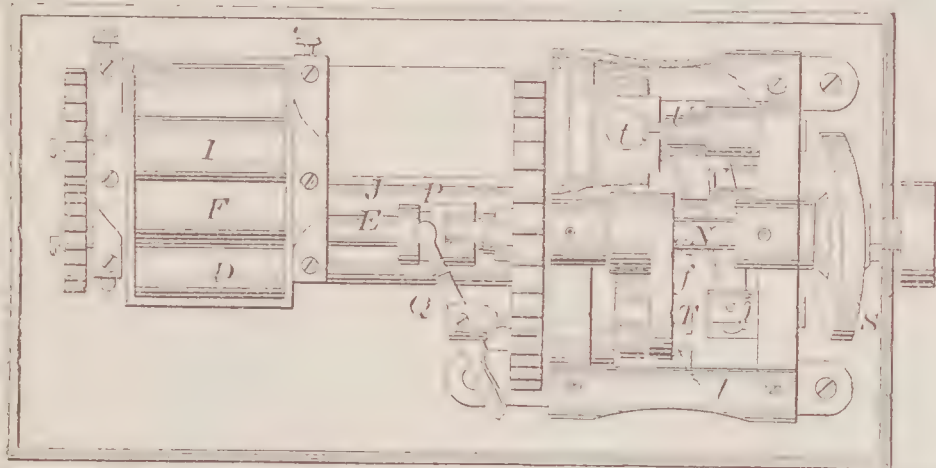
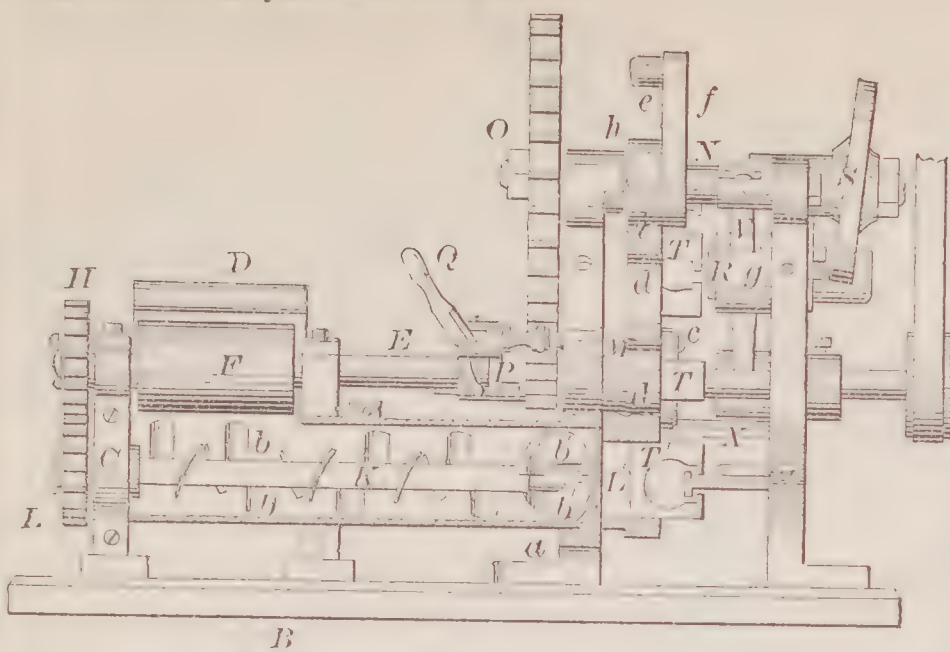


81898—S. M. Hamilton—Planing Machine.

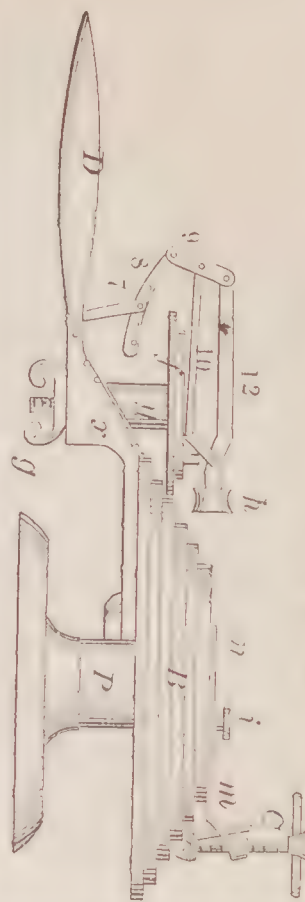
81895—E. Hagan—Service Pipe for Buildings.



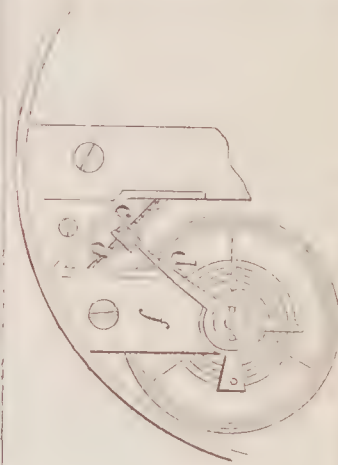
81901—P. Hayden—*Brick Machine.*



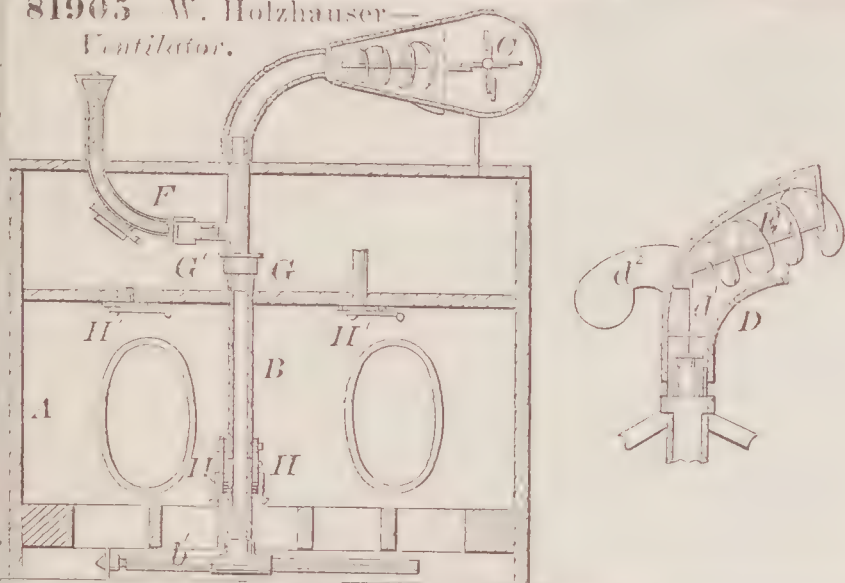
81902—G. W. Heckart—*Fifth Wheel Bender.*



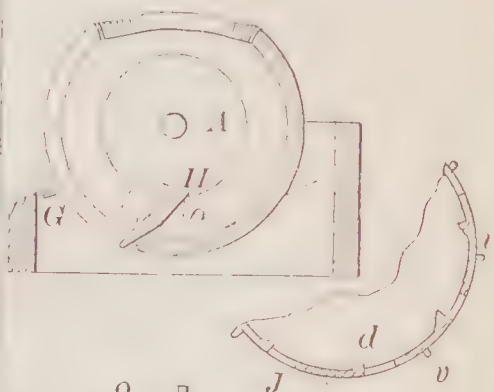
81907—F. G. Johnson—*Watch.*



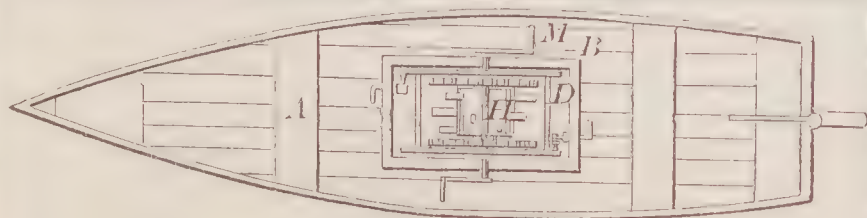
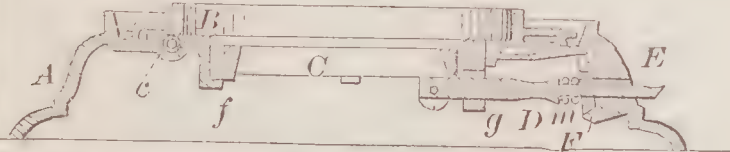
81905—W. Holzhauser—*Ventilator.*



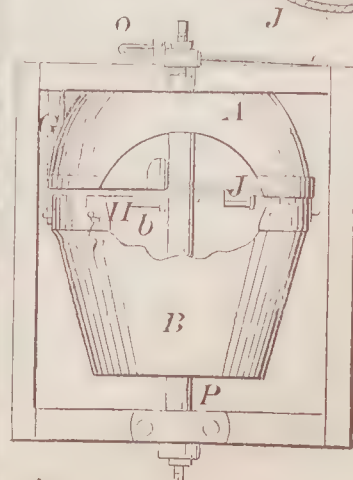
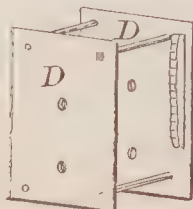
81906—G. Jessup—*Cotton Seed Planter.*



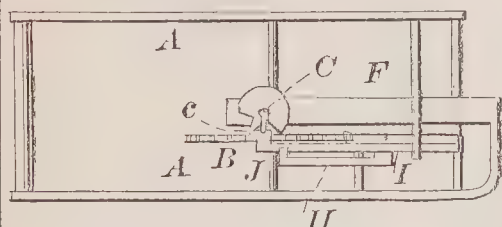
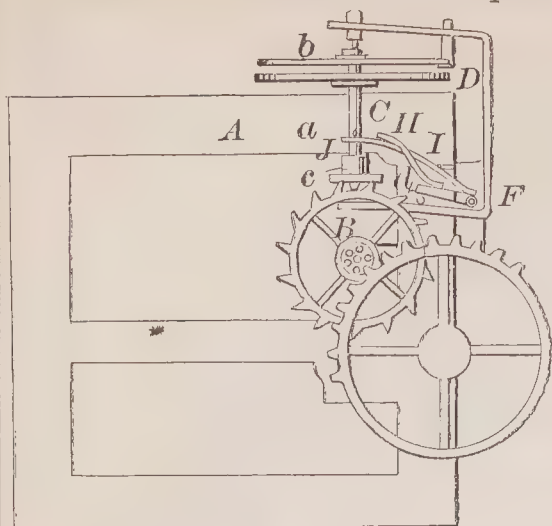
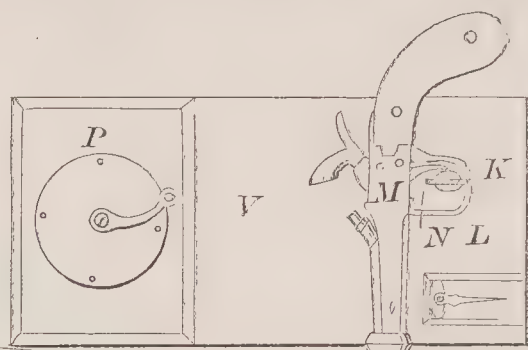
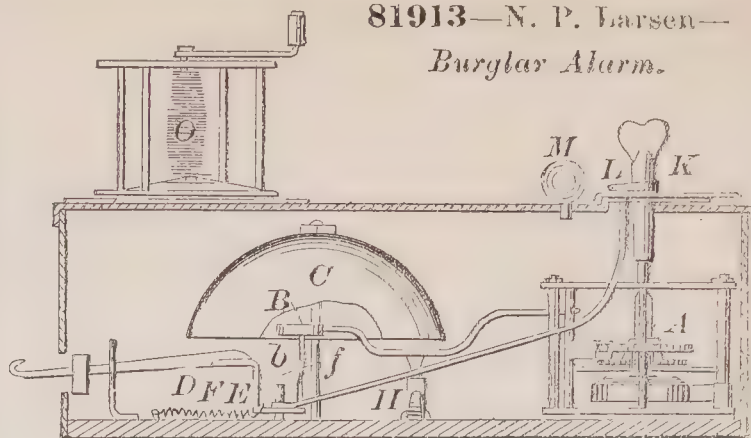
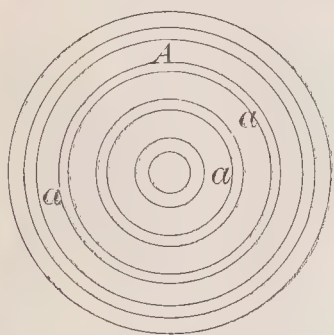
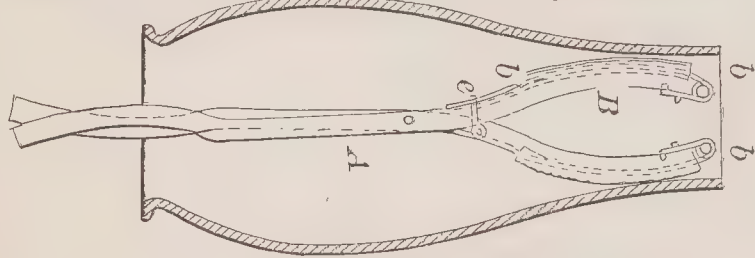
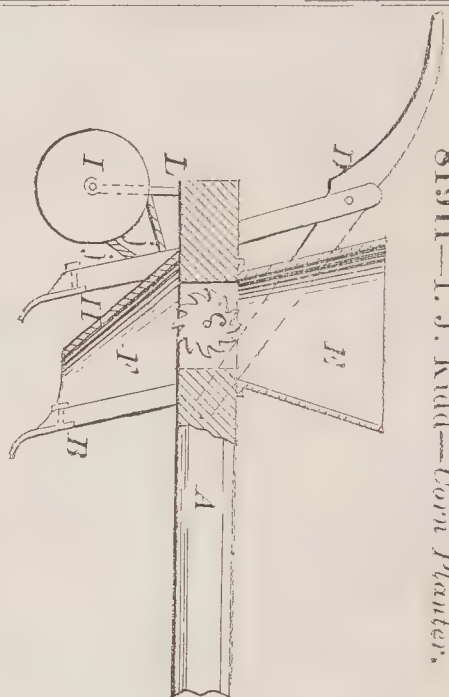
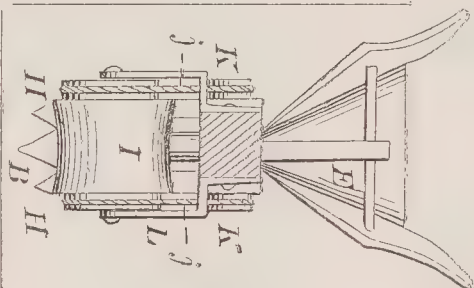
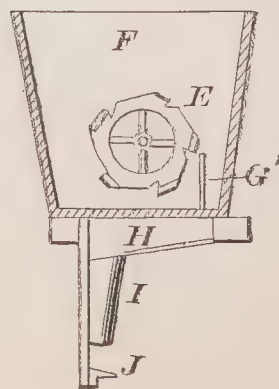
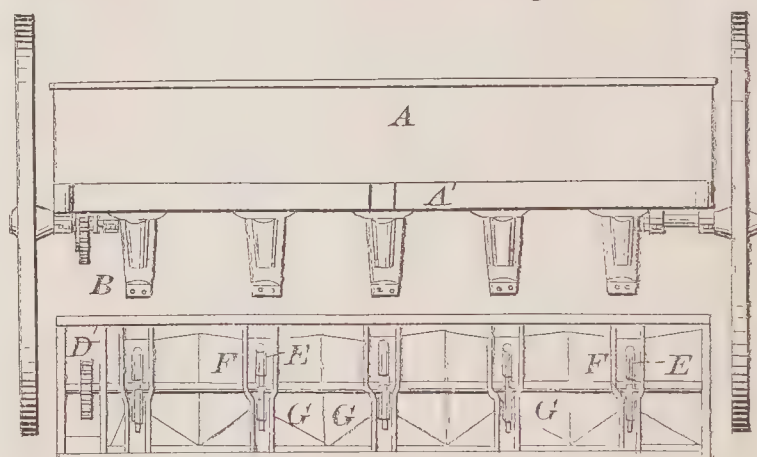
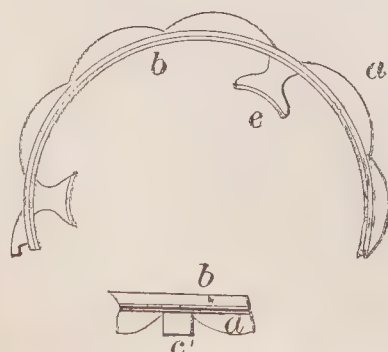
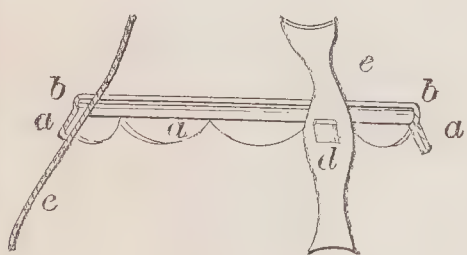
81904—Holbrook & Rumrill—*Stove Grate.*



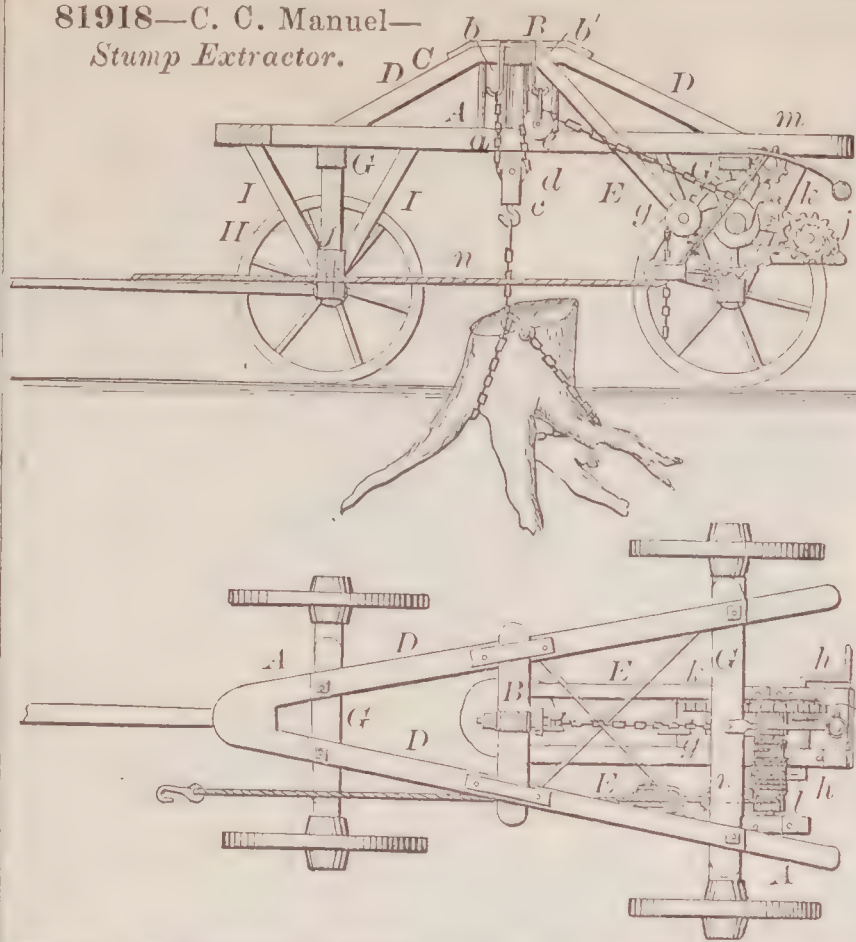
81909—T. B. Kelley—*Ice Boat.*



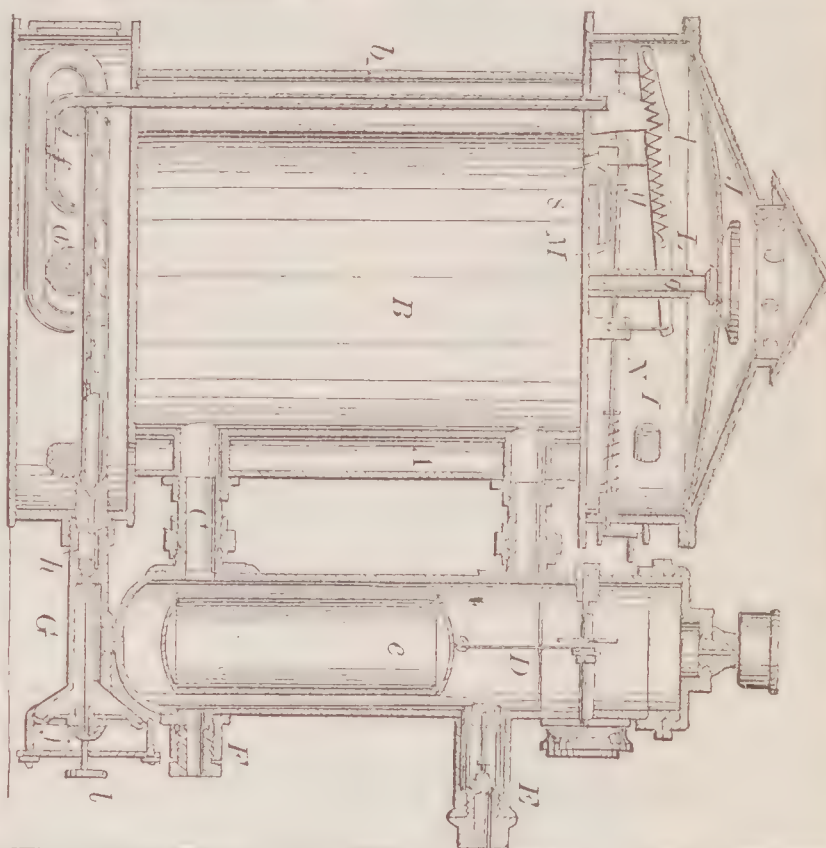
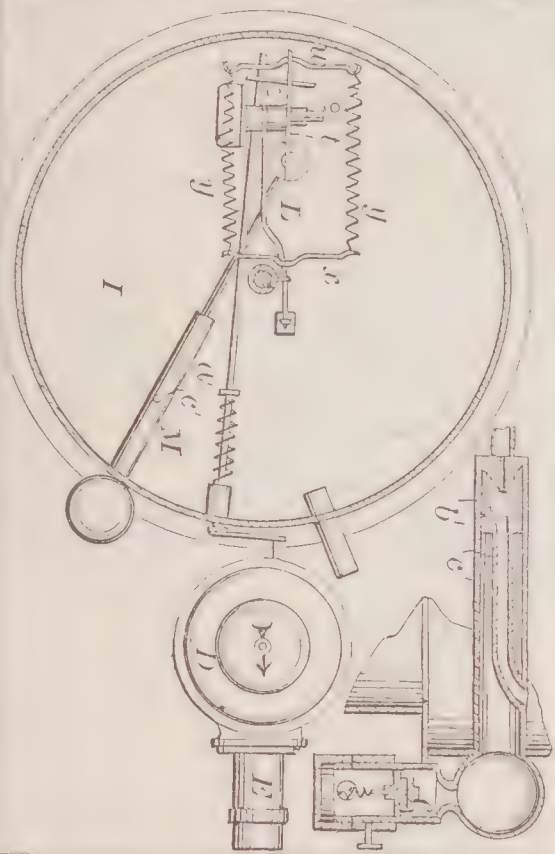
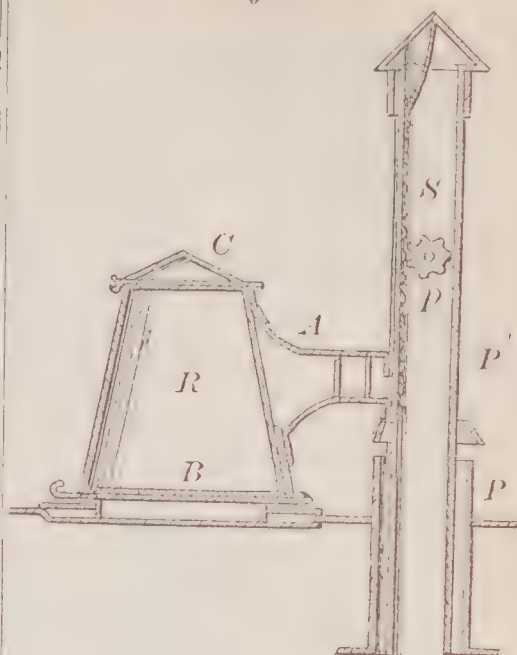


81910—W. C. Kellum—*Escapement*.81913—N. P. Larsen—*Burglar Alarm*.81917—M. N. Lovell—*Lamp Chimney Cleaner*.81912—J. Kuhn—*Face Tester*.81911—I. J. Kidd—*Corn Planter*.81914—J. L. Linderman—*Seeding Machine*.81915—Locke & Weeden—*Lamp Shade*.

81918—C. C. Manuel—  
*Stump Extractor.*

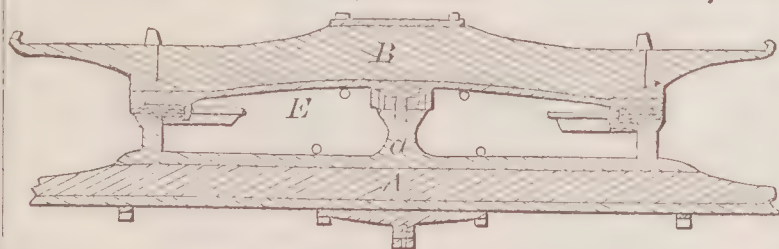


81919—J. L. Mason—  
*Garbage Box.*

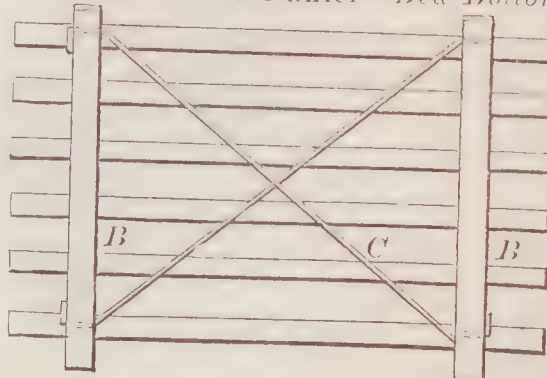


81922—H. S. Maxim—*Gas Machine.*

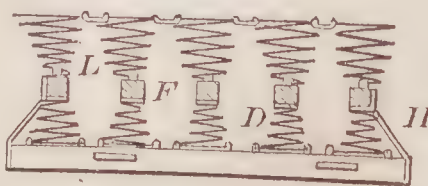
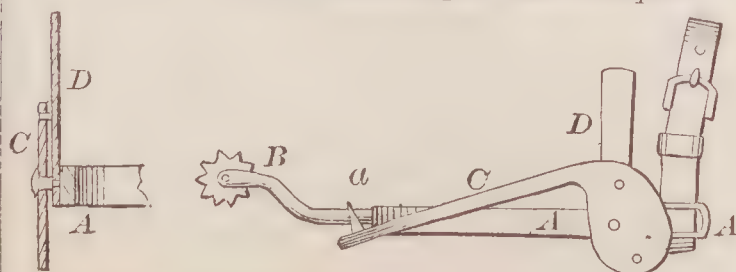
81924—H. McIlroy—*Arle.*



81923—A. McDaniel—*Bed Bottom.*

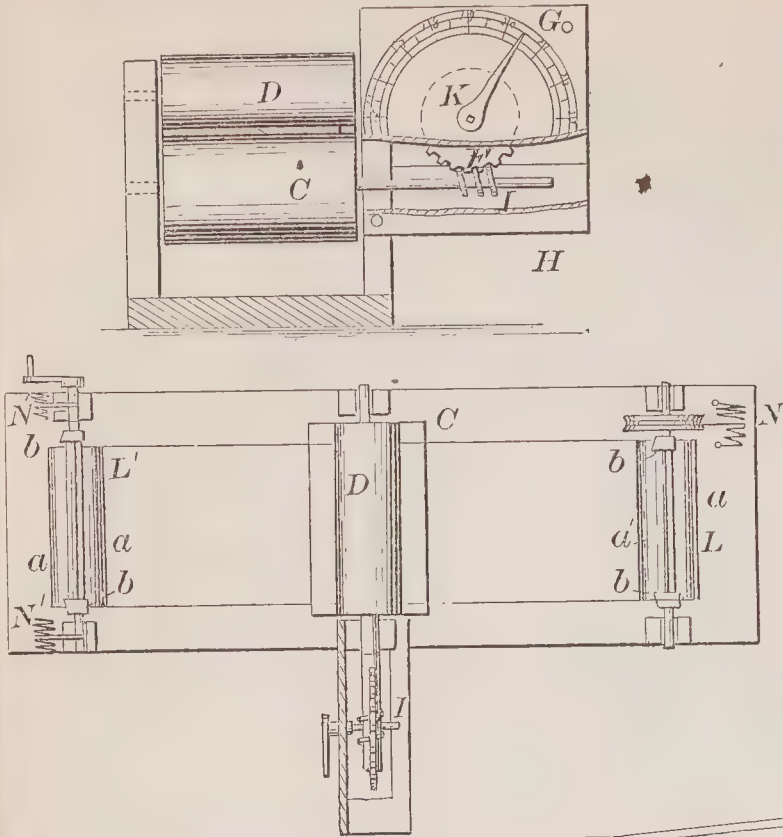


81925—F. Mehrmann—*Spur and Creeper.*





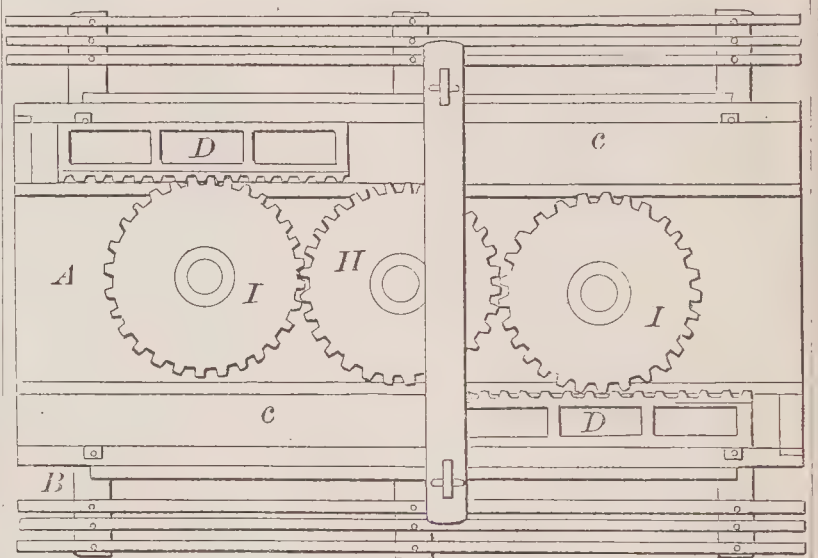
81921—D. Max—Cloth Measuring Machine.



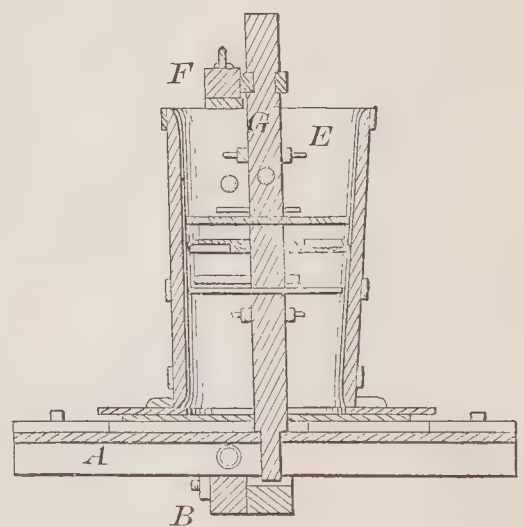
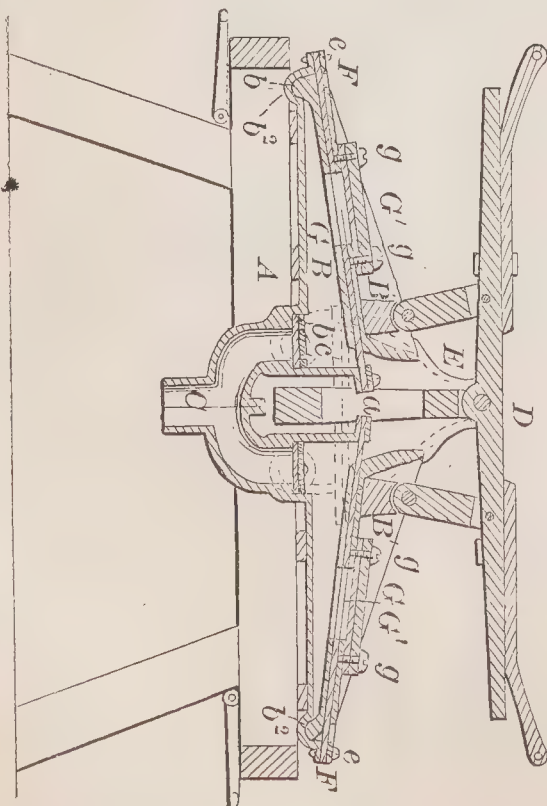
81926—E. J. Meriman—Corset.



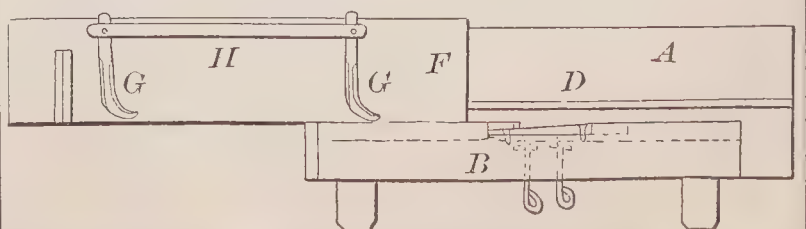
81928—J. C. Miller—Brick Machine.



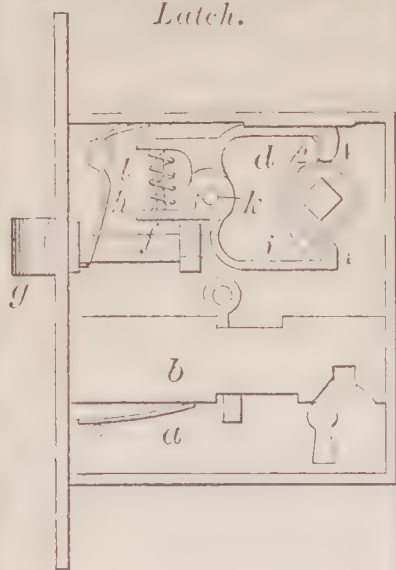
81930—S. Motte—Pumping Apparatus.



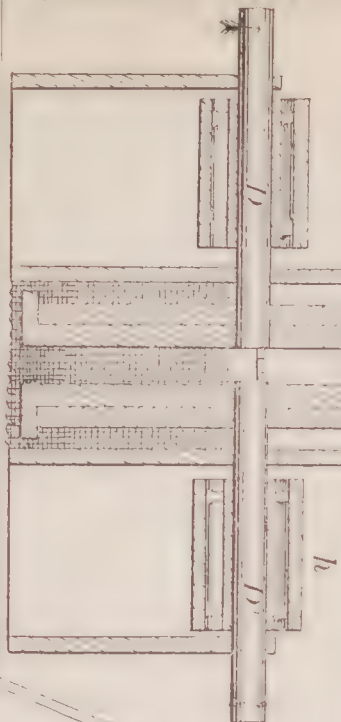
81929—J. H. Miller—Plane for Cutting Blind Slats.



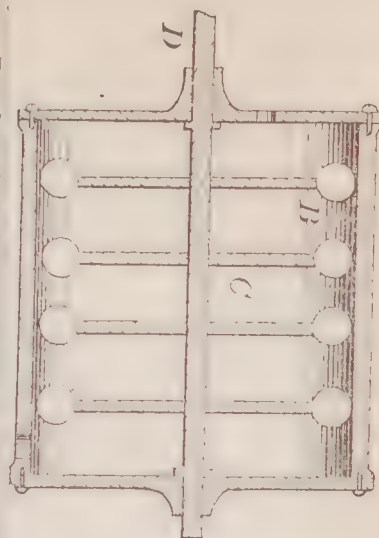
81931—W. T. Munger—*Latch.*



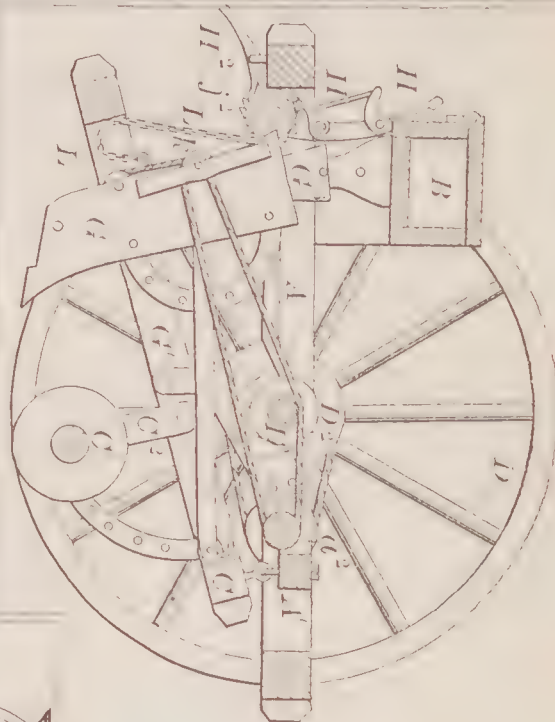
81932—A. Newell—*Ore Crusher.*



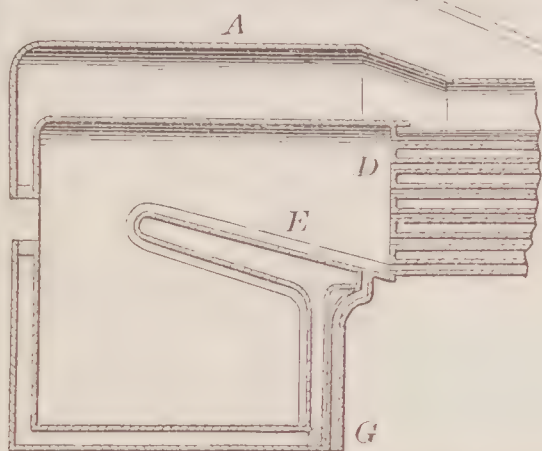
81933—A. Newell—*For Pulverizing Bone.*



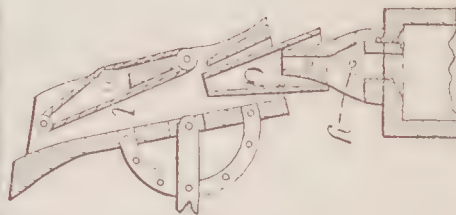
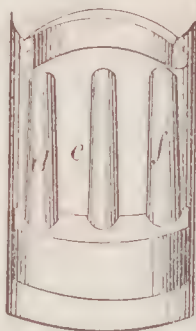
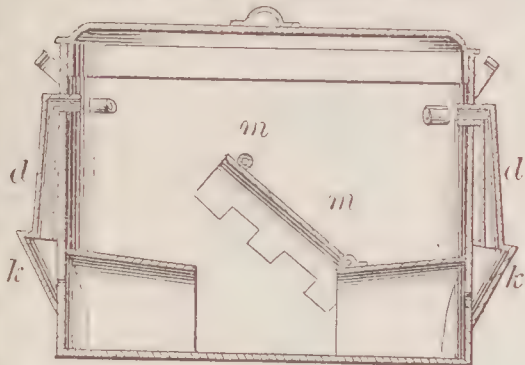
81935—L. M. Olden—*Seeding Machine.*



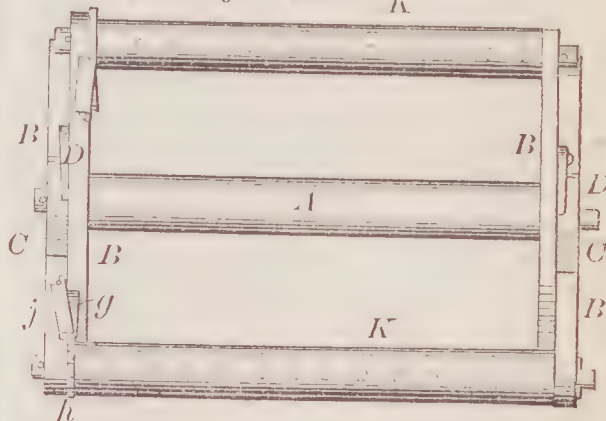
81937—Q. Parker—*Steam Generator.*



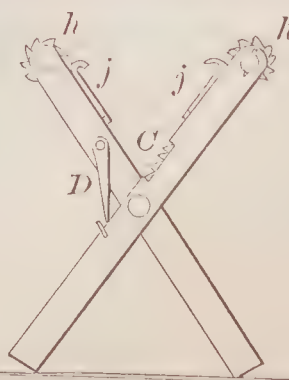
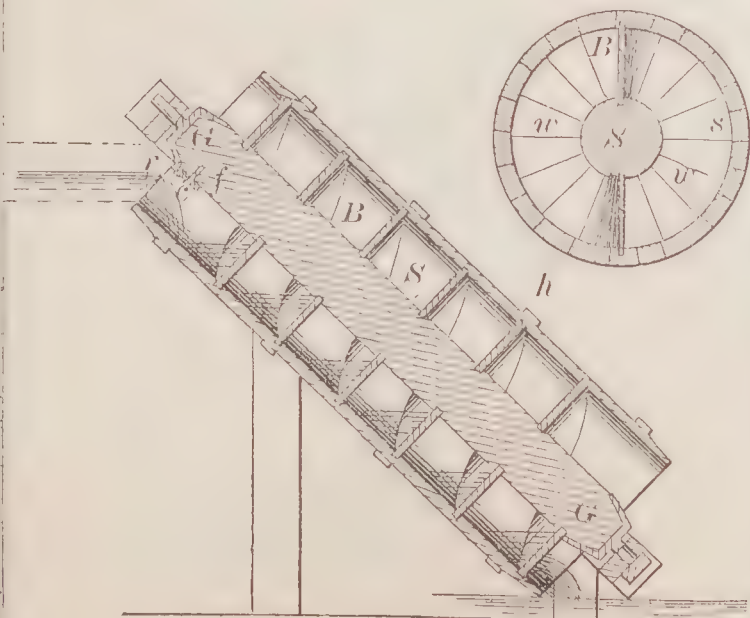
81934—J. Okey—*Wash Boiler.*



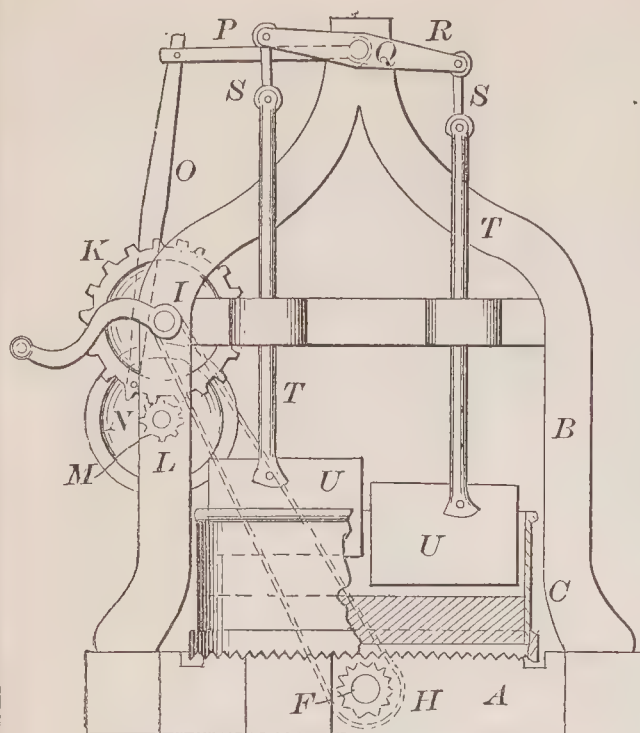
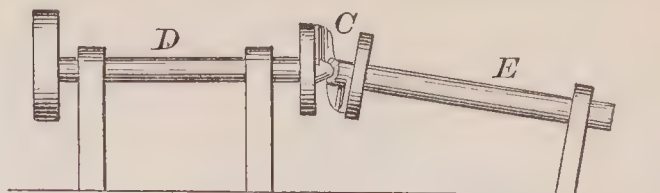
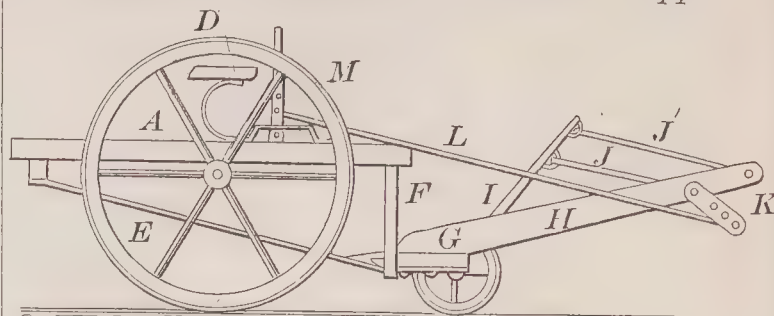
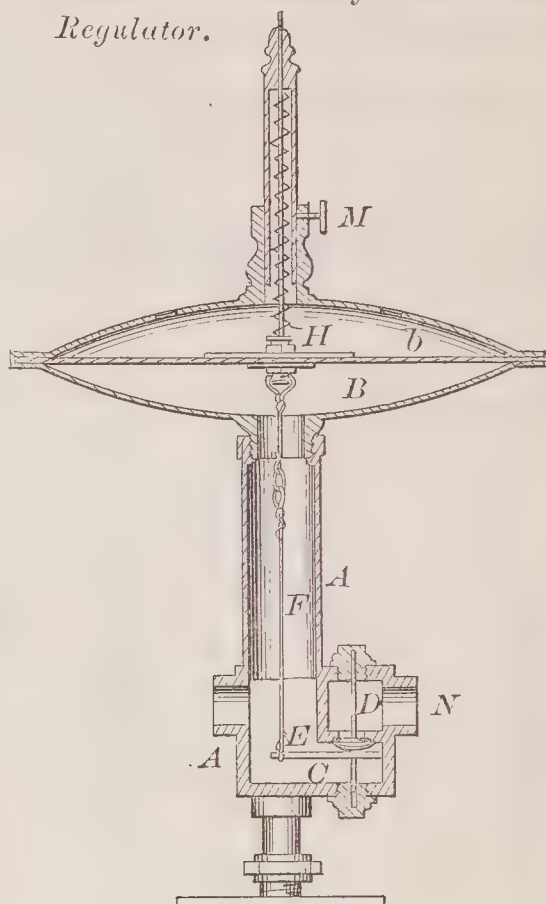
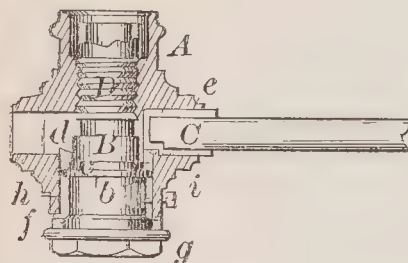
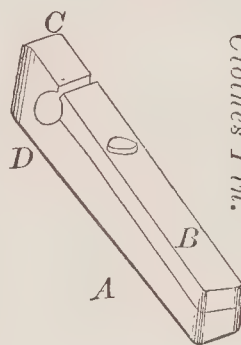
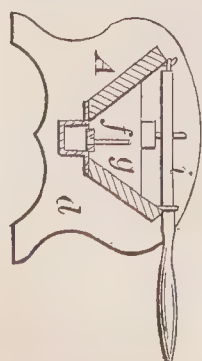
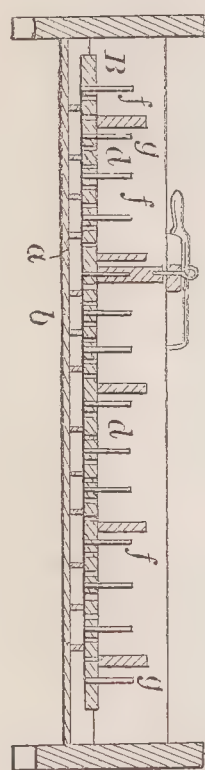
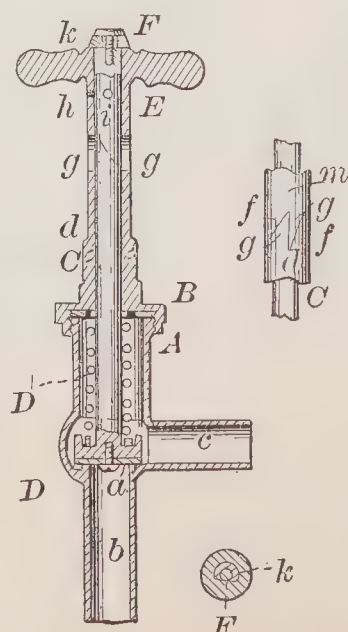
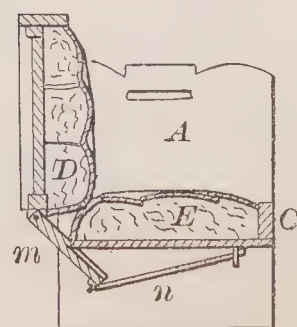
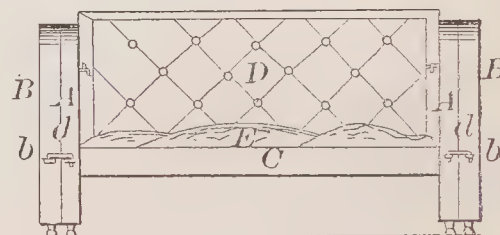
81936—J. Park—*Bedstead and Quilting Frame.*



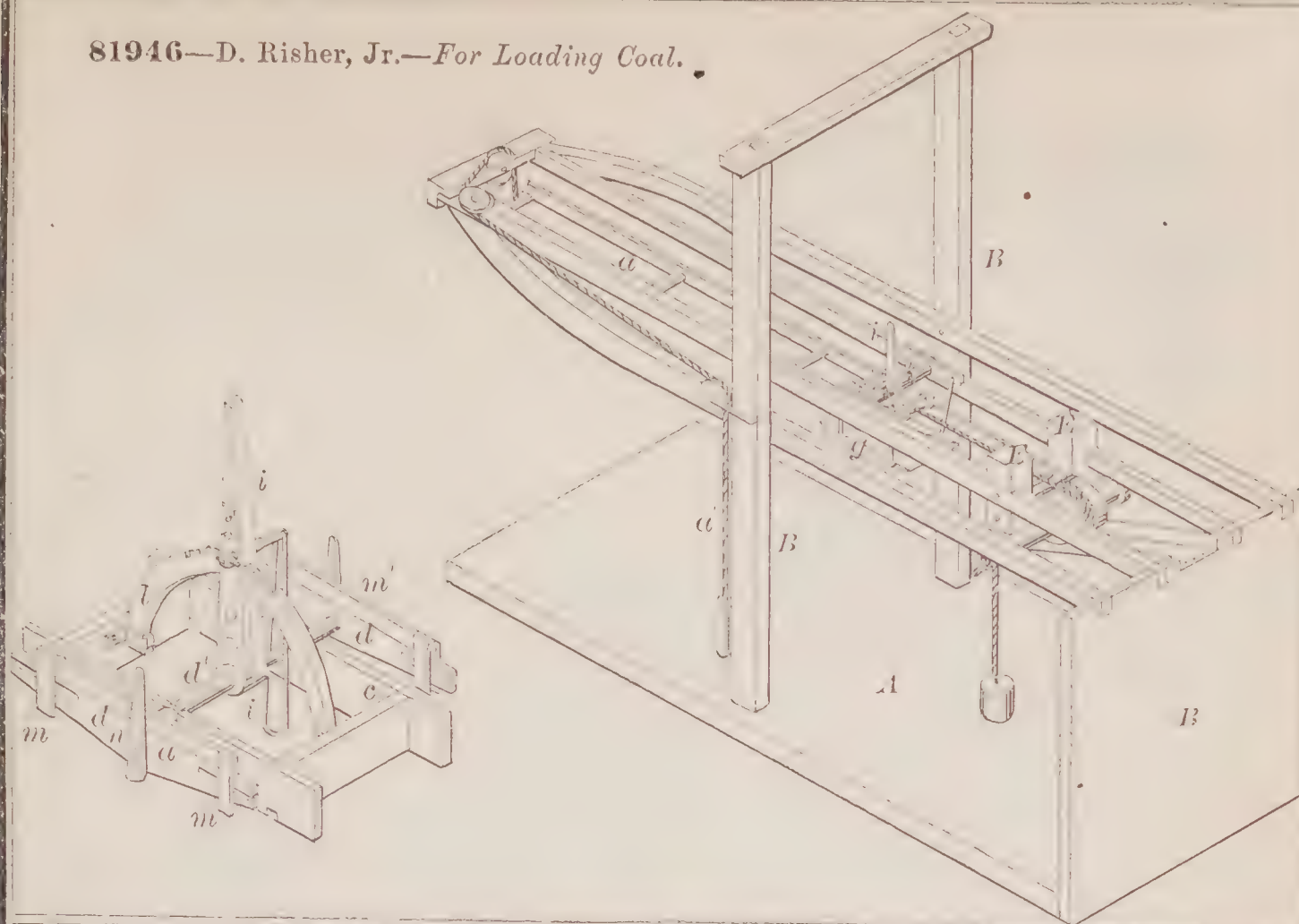
81938—L. Patric—*Shaft Journal.*



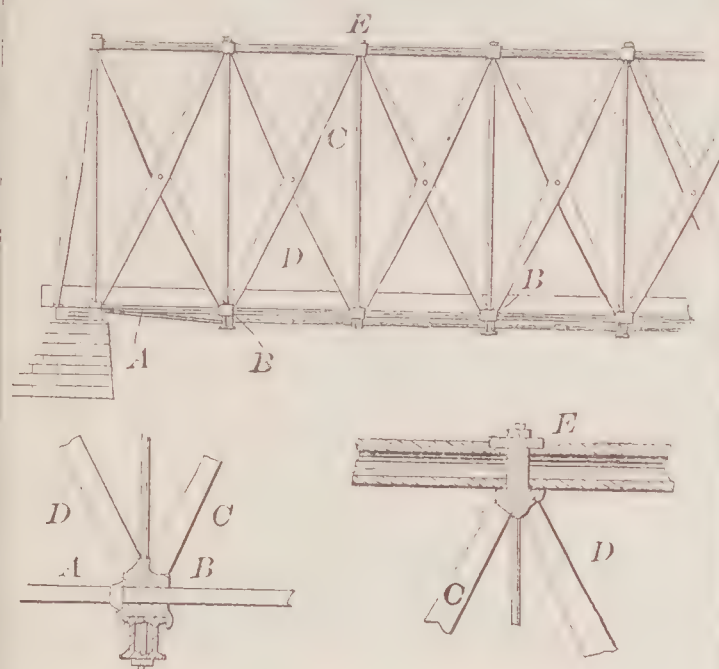


81939—T. Payne—*Meat Chopper.*81940—P. Pepper—*Shaft Coupling.*81941—G. M. Peters—*Harvester Dropper.*81944—C. C. Ramsay—*Gas Pressure Regulator.*81943—H. Poth—*Wheel.*81945—J. A. Rand—*Clothes Pin.*81947—C. F. Ritchel—*Chalk Holder for Billiard Tables.*81942—D. G. Pickett—*Seed Sower.*81948—F. Roach—*Faucet.*81949—S. R. Roscoe—*Bedstead.*

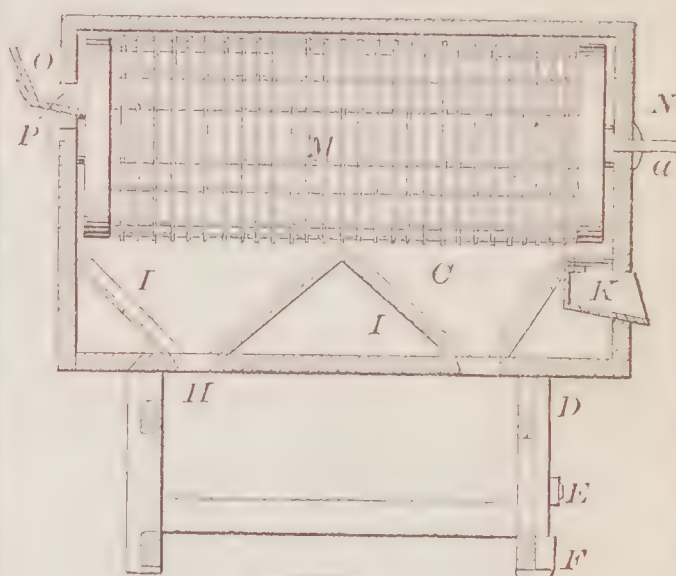
81946—D. Risher, Jr.—*For Loading Coal.*



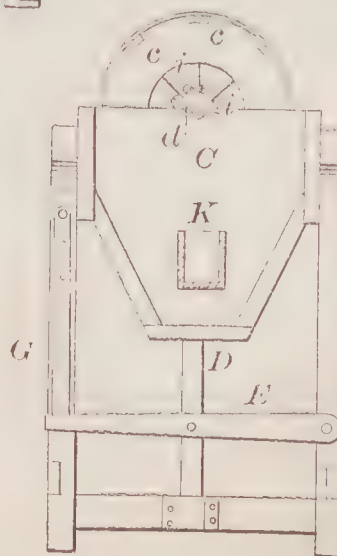
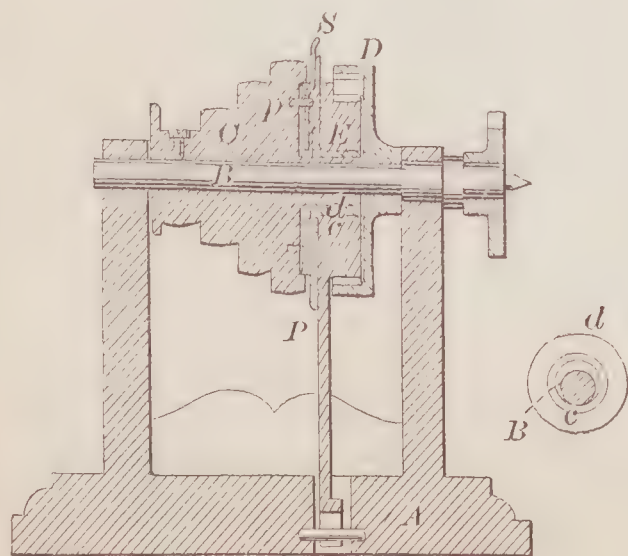
81950—Rust & Herrimann—*Bridge.*



81951—Shannon & Spencer—*Grain Separator.*

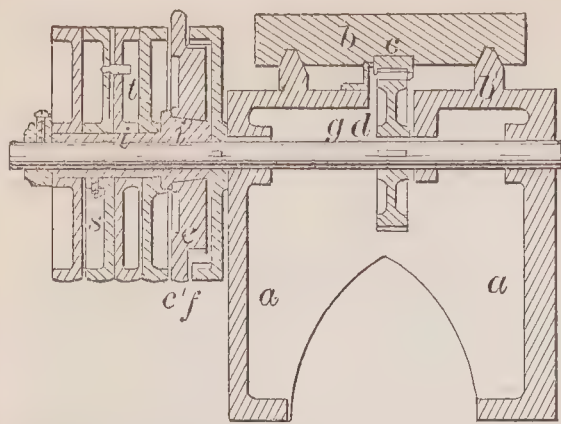


81952—H. F. Shaw—*Lathe Head.*

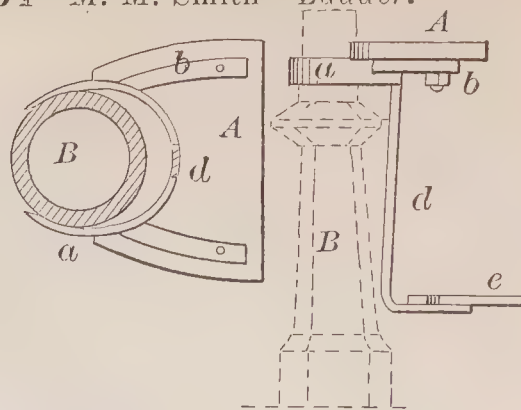




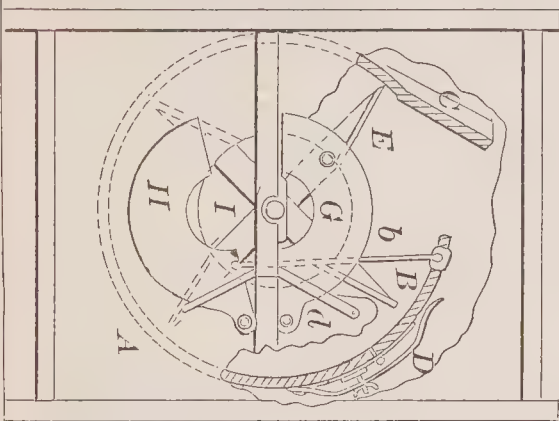
81953—H. F. Shaw—*For Operating the Beds of Planing Machines.*



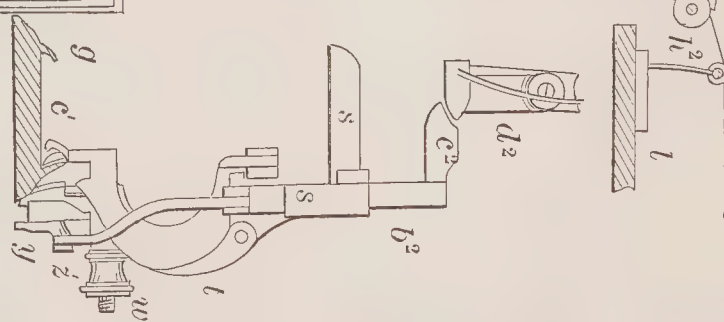
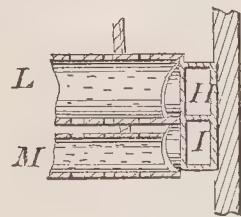
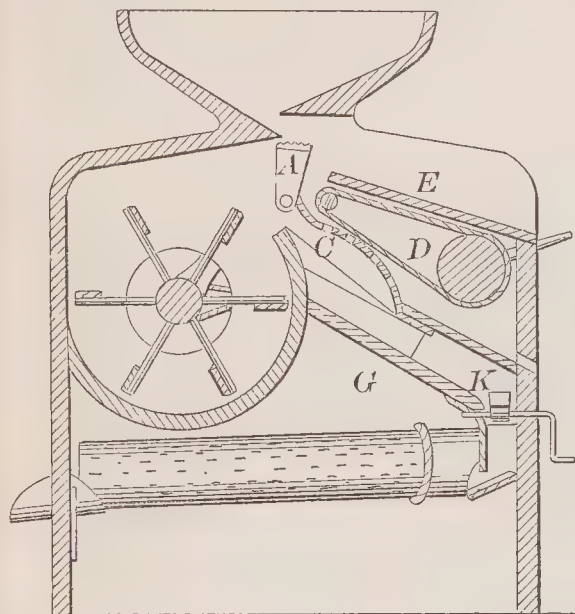
81954—M. M. Smith—*Ladder.*



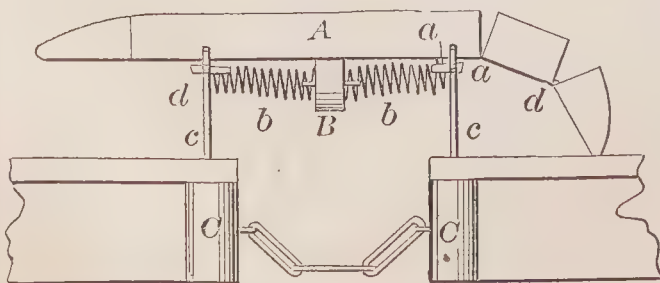
81955—H. A. Snyder—*Fanning Mill.*



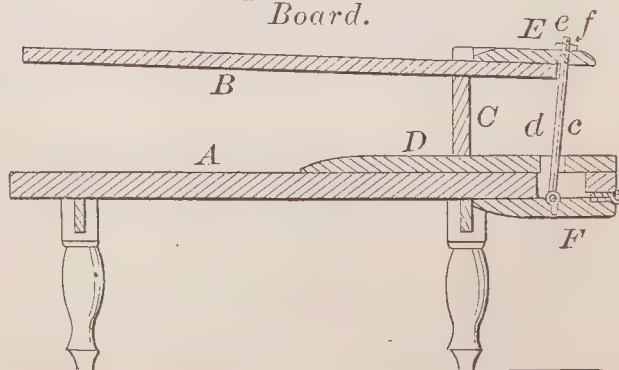
81957—W. Stoddard—*Fanning Mill.*



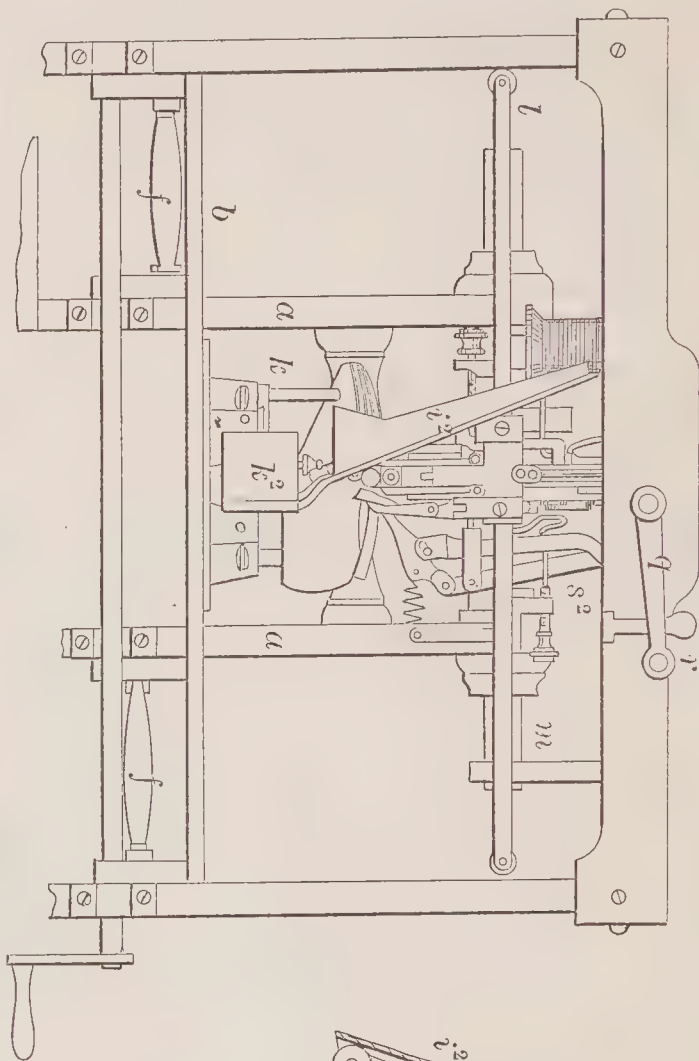
81958—E. Sturgeon—*Bridge.*



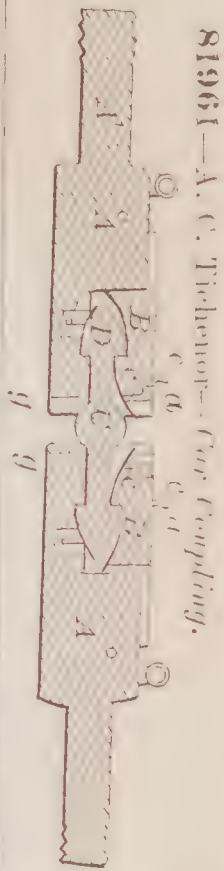
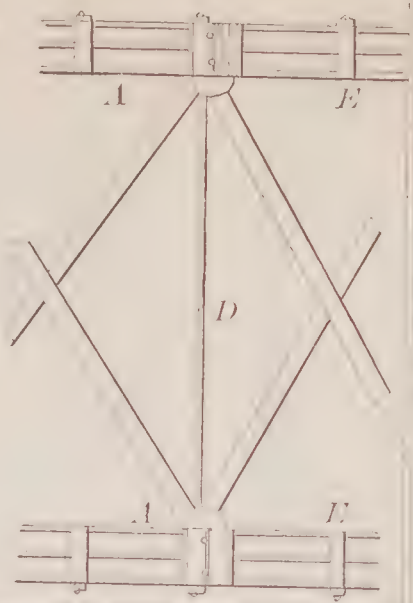
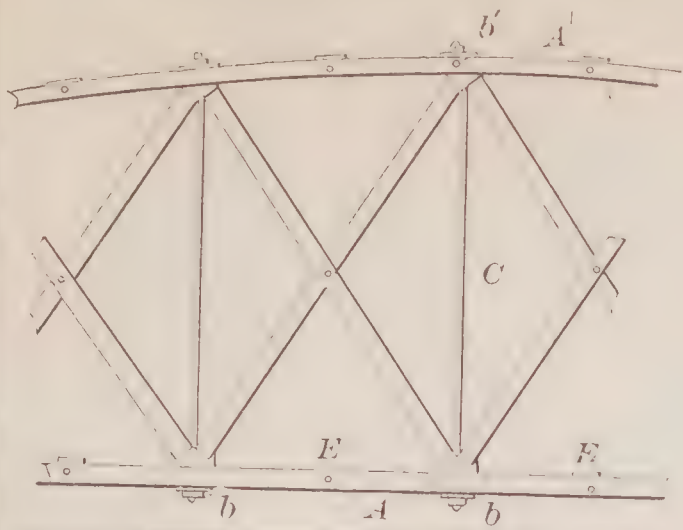
81959—Thompson & Burbank—*Press Board.*



81956—M. J. Stein—*For Sewing Uppers to Boot and Shoe Soles.*

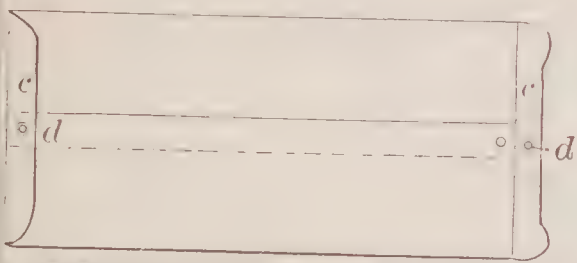


81960—J. K. Thompson—*Bridge.*

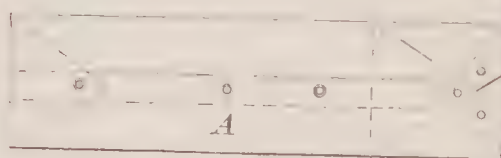


81961—A. C. Tichenor—*Coupling.*

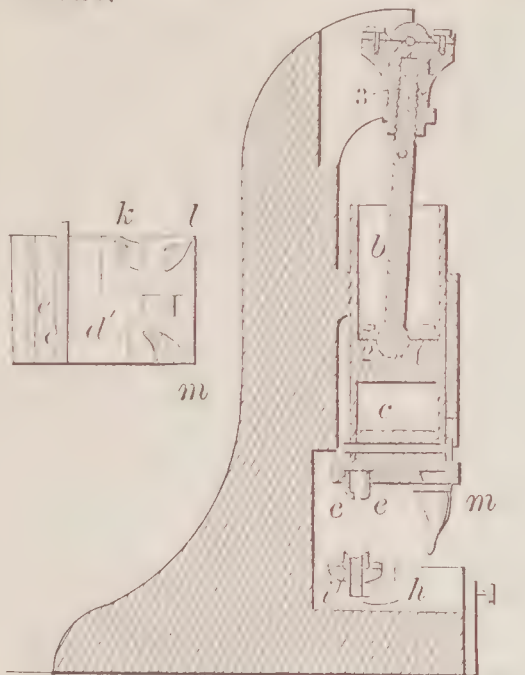
81962—S. Ullman—*Envelope.*



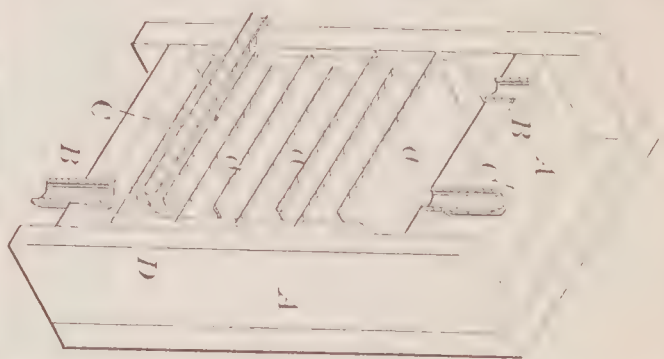
81963—S. Ullman—*Envelope.*



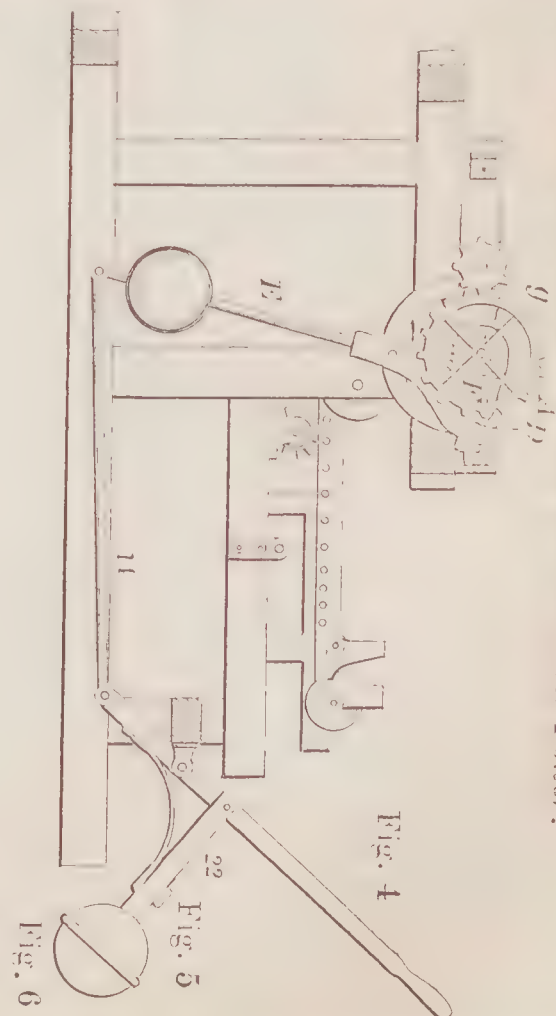
81965—Whipple & Denio—*Making Ferks.*



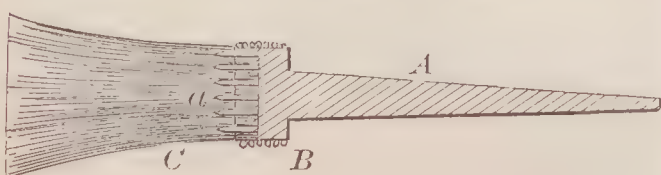
81964—A. Van Orsdale—*Steam Condenser.*



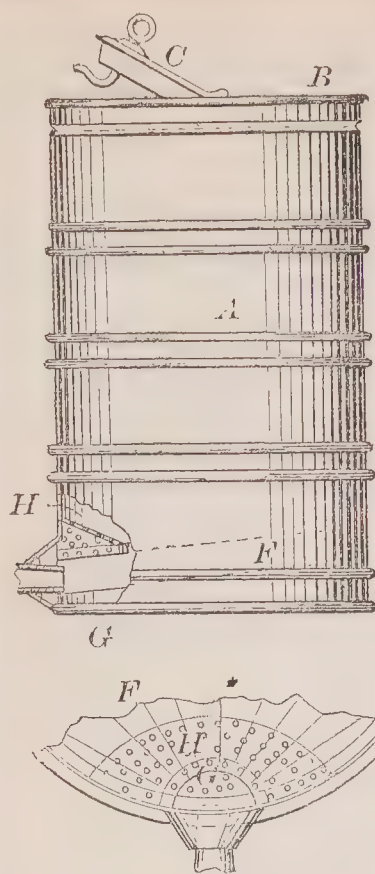
81967—J. S. Williams—*Double Patchet Lever Power.*



81966—J. L. Whiting—*Brush.*

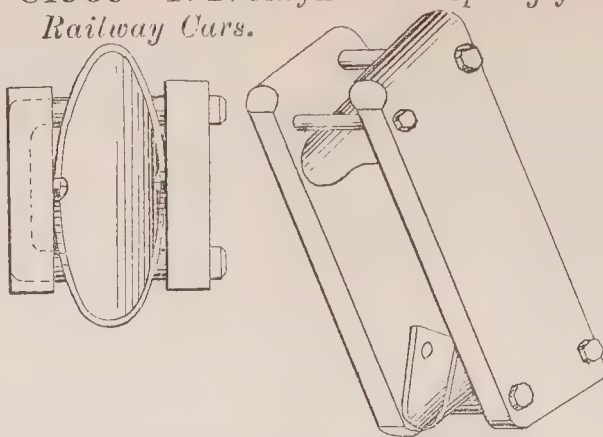




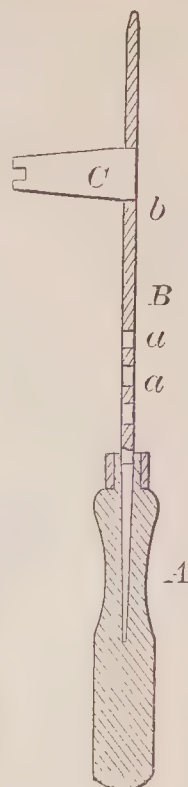
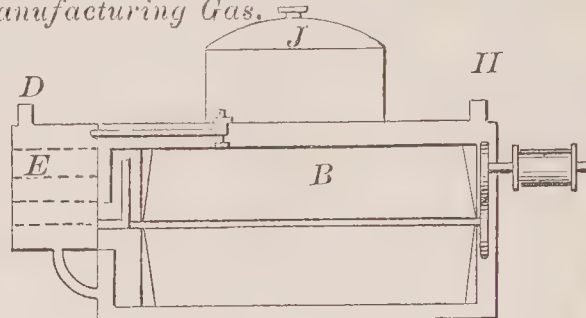


81968—A. G. Wilson—Oil Tank.

81969—T. F. Allyn—Bow Spring for Railway Cars.

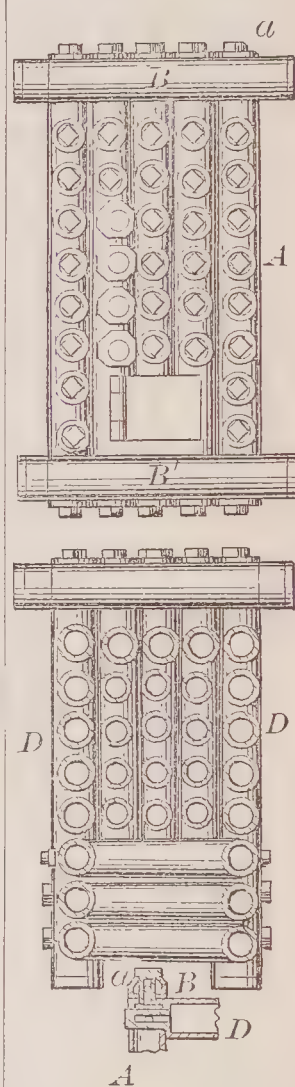
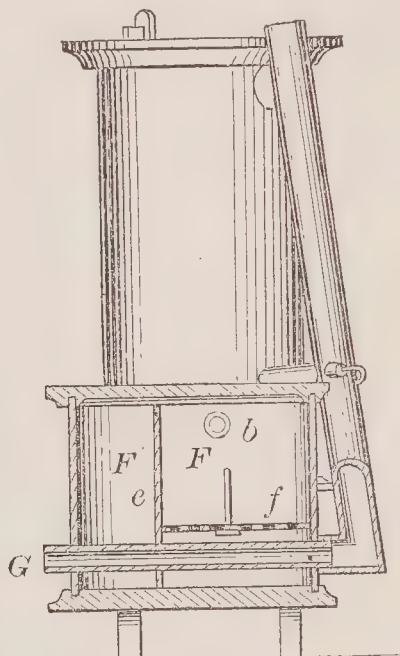
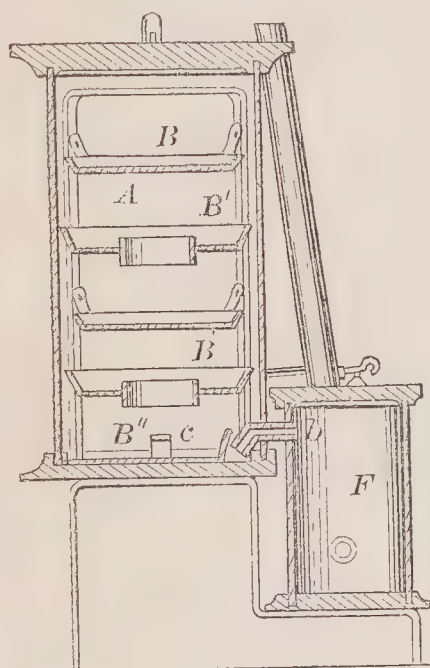


81974—J. A. Bassett—For Manufacturing Gas.



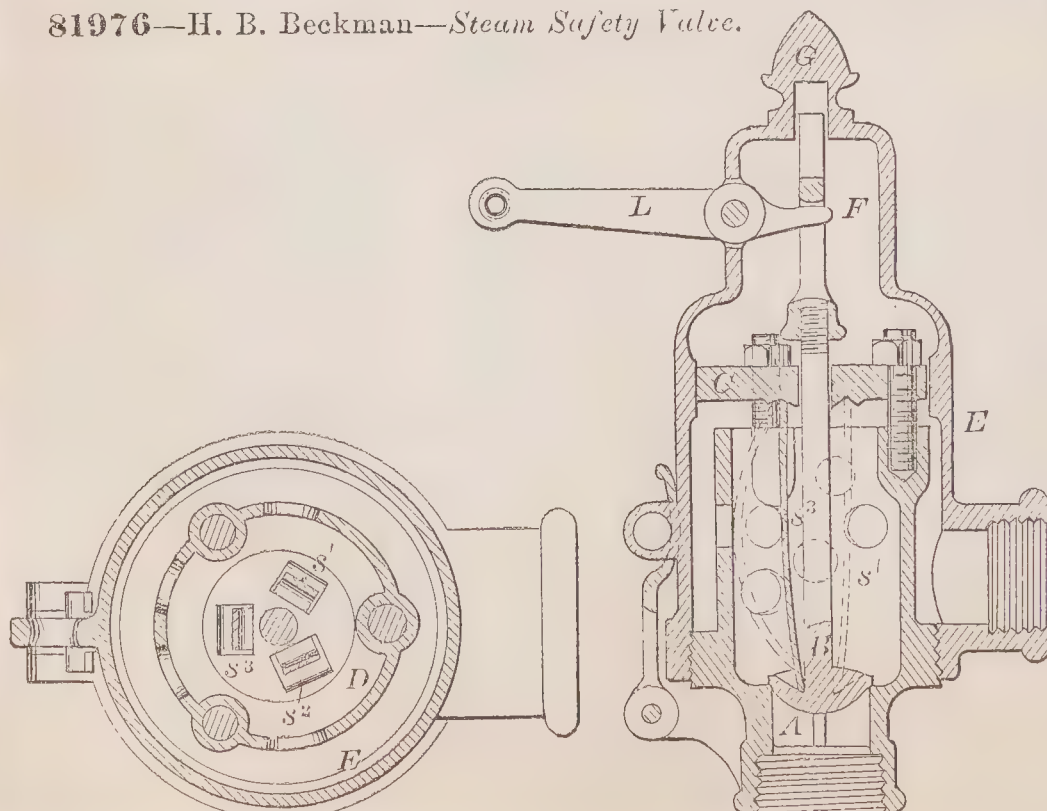
81970—E. J. Amor—Screwdriver and Wrench.

81971—J. Armstrong—Feed Water Heater and Filter.

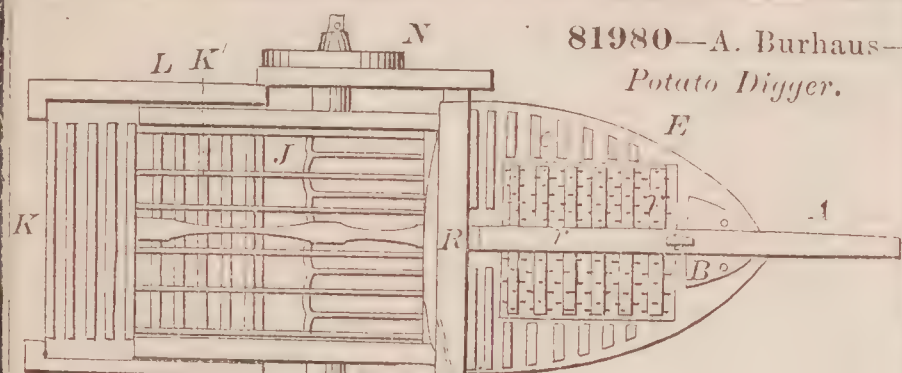
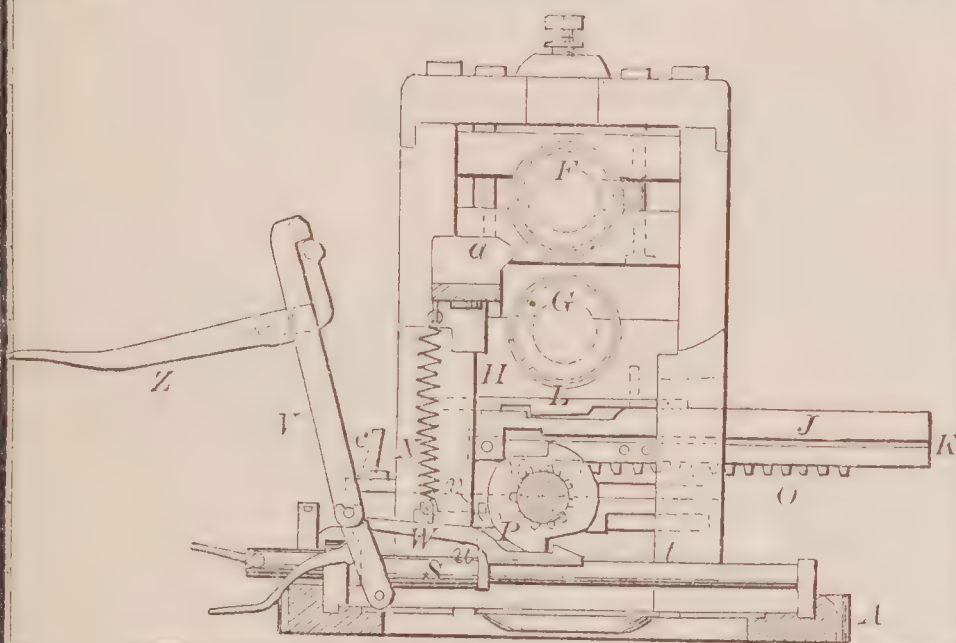
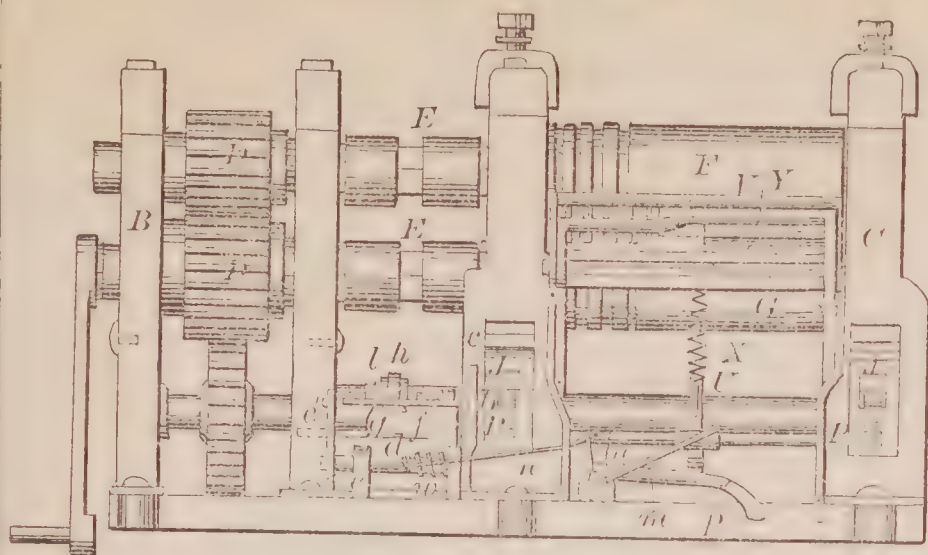


81972—J. Armstrong—Steam Generator.

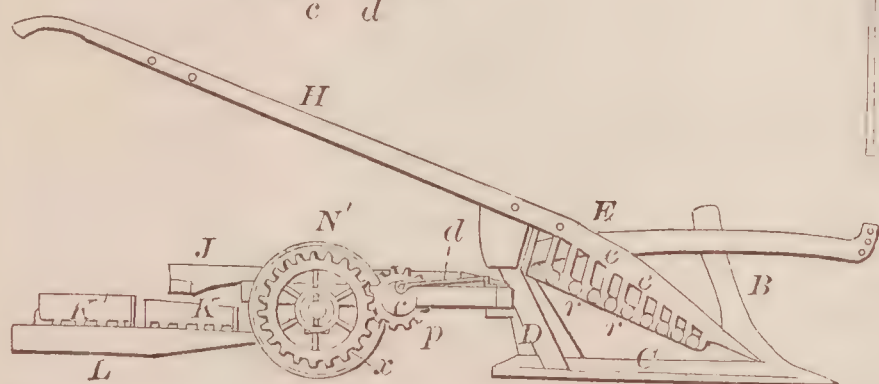
81976—H. B. Beckman—Steam Safety Valve.



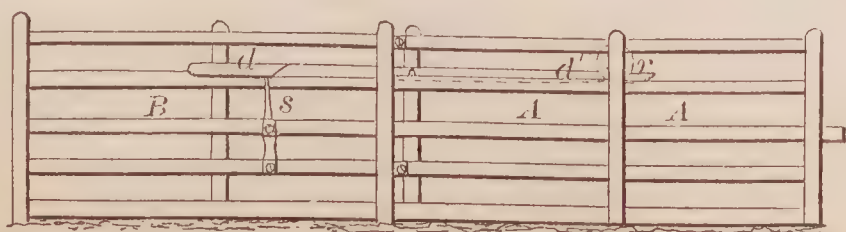
81973—J. H. C. Baehelder—*Rolling Mill.*



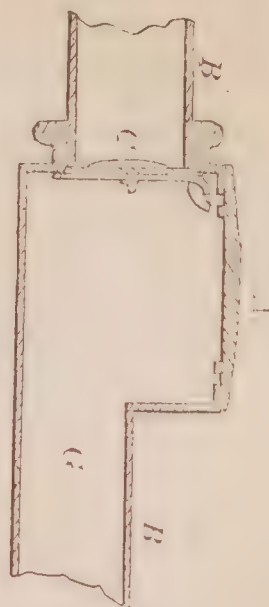
81980—A. Burhaus—*Potato Digger.*



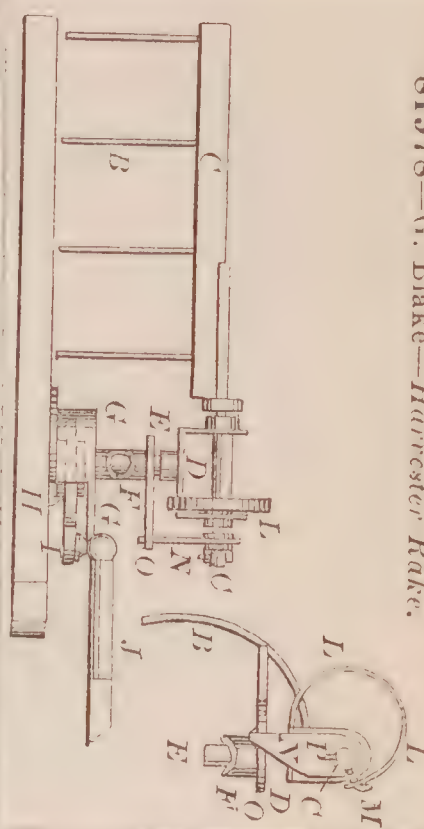
81982—L. Charles—*Gate.*



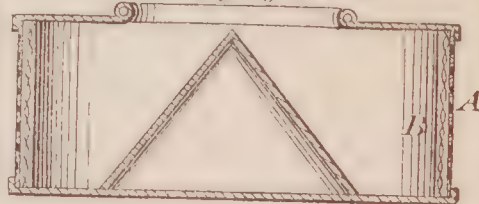
81977—C. Birkinshaw—*Sewer Pipe.*



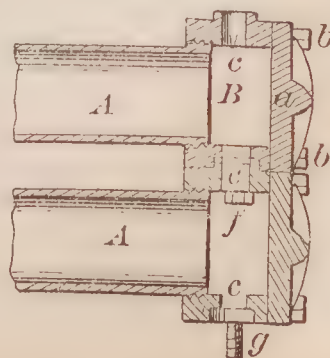
81978—G. Blake—*Harvester Rake.*



81979—M. S. Bringier—*Purifying Water.*

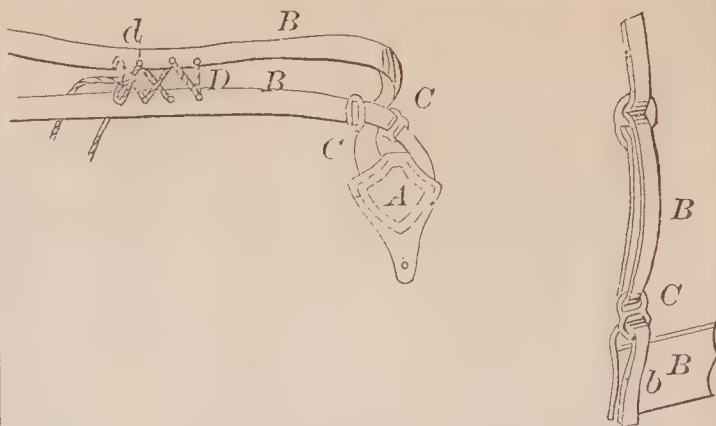


81983—J. M. Clark—*Steam Generator.*

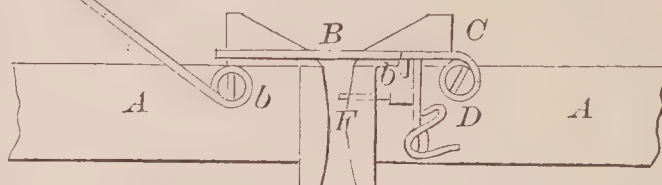
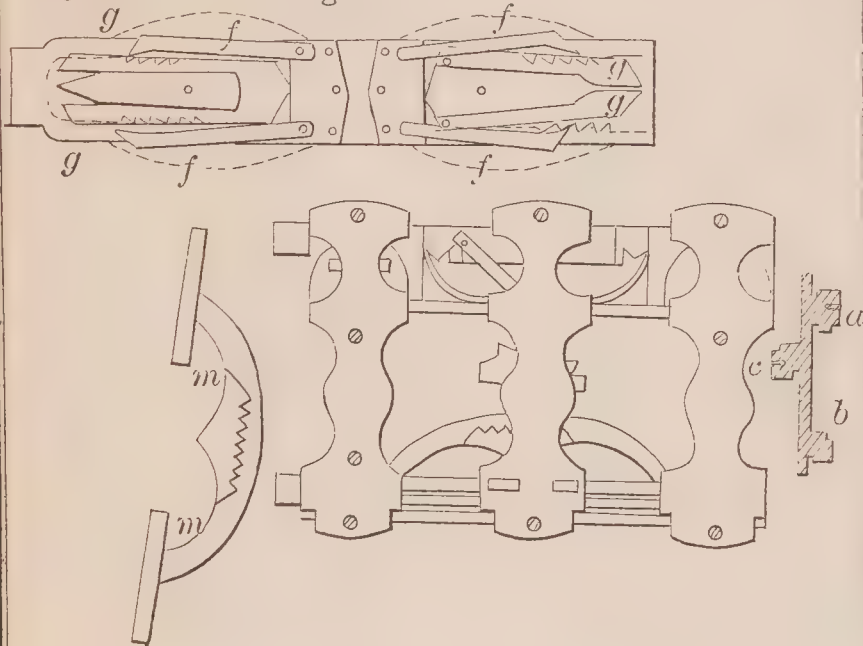




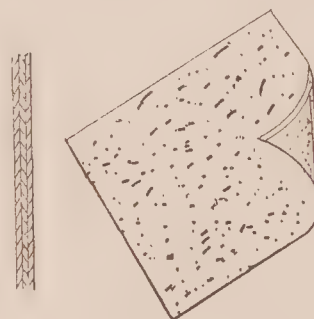
81981—R. K. Chandler—*Stocking  
Stretcher.*


81984—C. H. Cleveland—*Suspenders*.

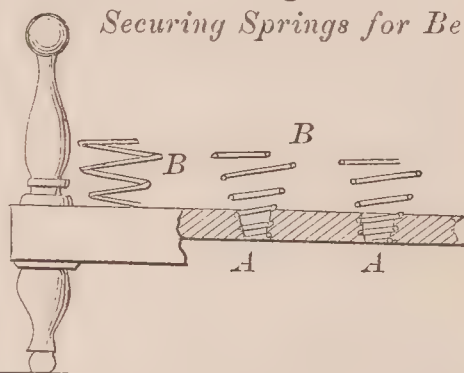
81985—J. M. Cook—*Car Coupling*.

81988—J. Dillingham—*Lock*.

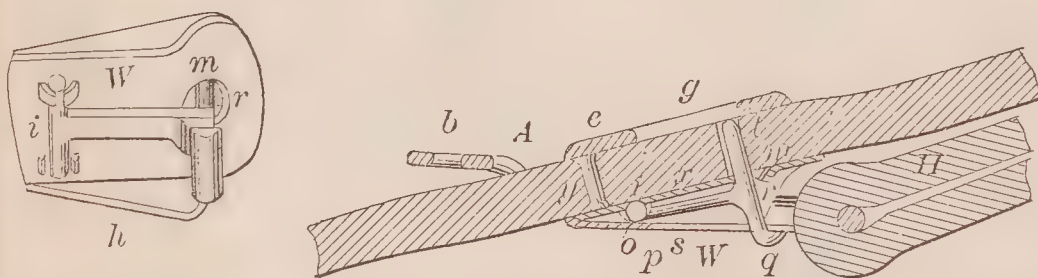
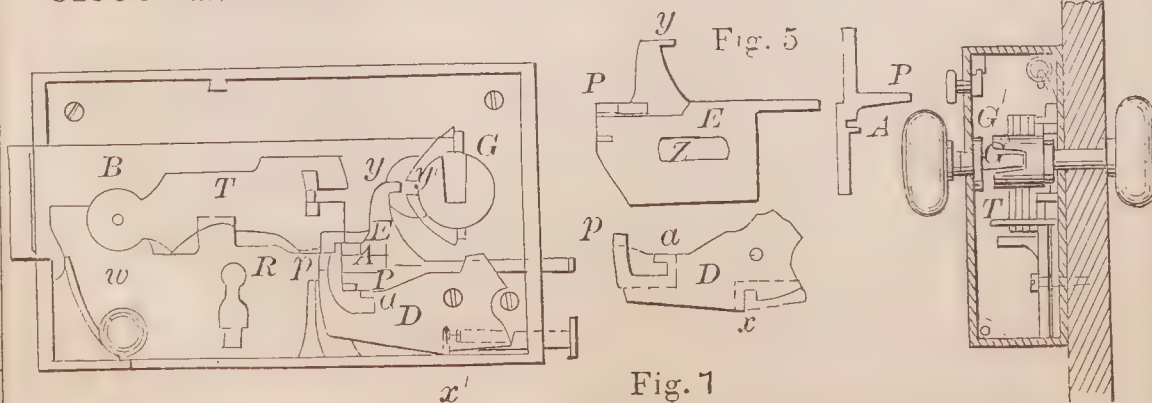
81986—J. H. Crane—  
*Polishing Fabric.*



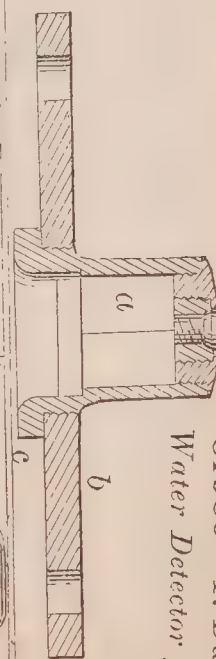
81991—J. D. Egleston—  
 *Securing Springs for Beds.*



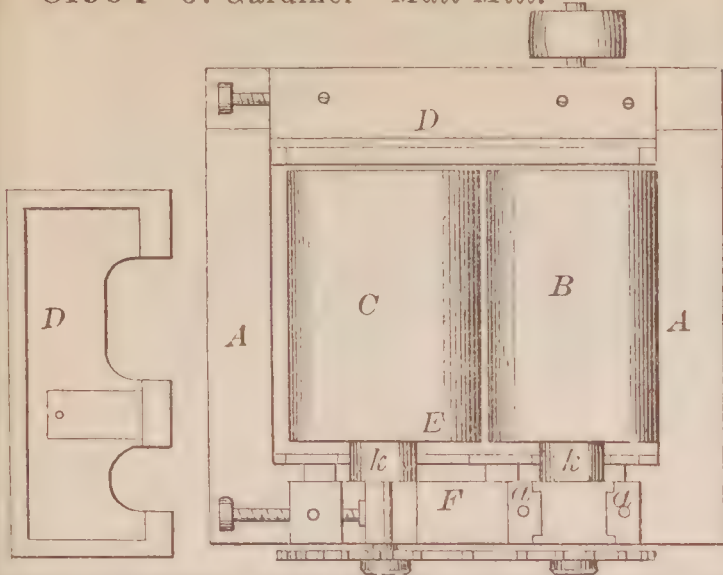
81993—K. Frazer—*Harness Wedge.*

81990—N. Edwards—*Latch and Lock*

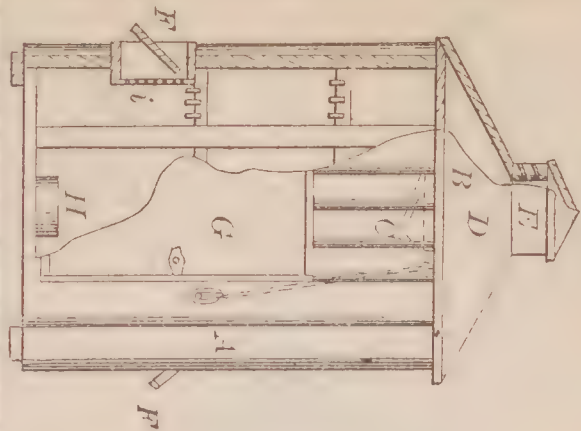
81989—T. Dutton—*Low Water Detector for Boilers.*



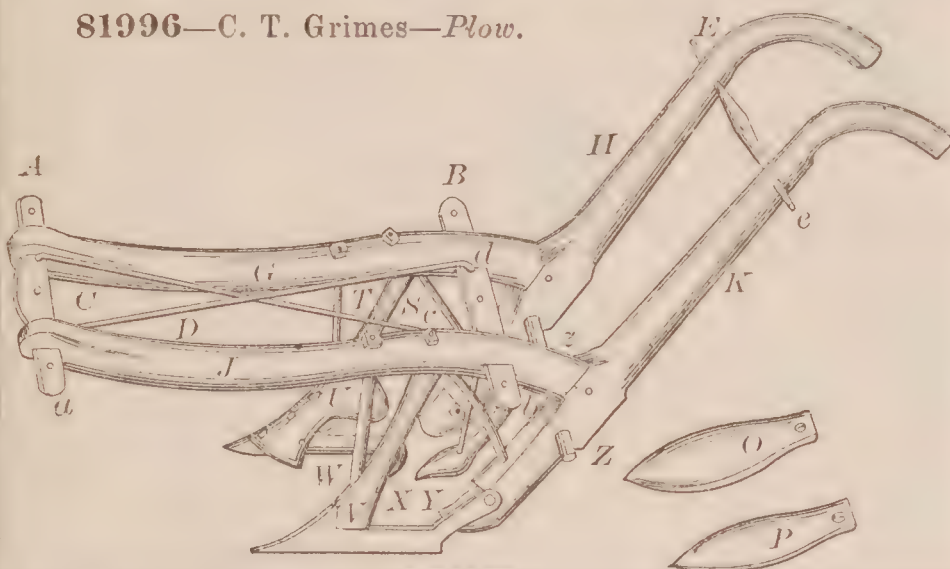
81994—J. Gardiner—*Malt Mill.*



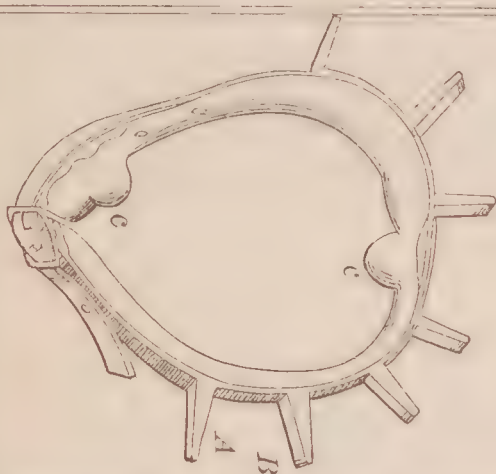
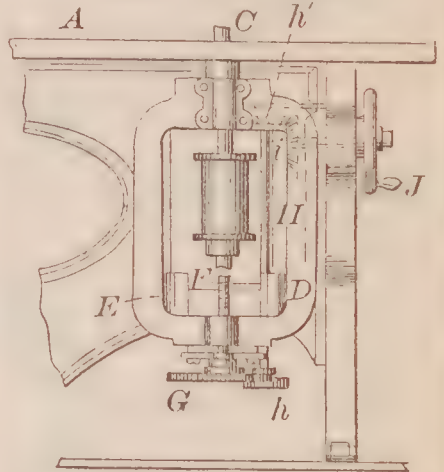
81995—C. Good—*Smoke House.*



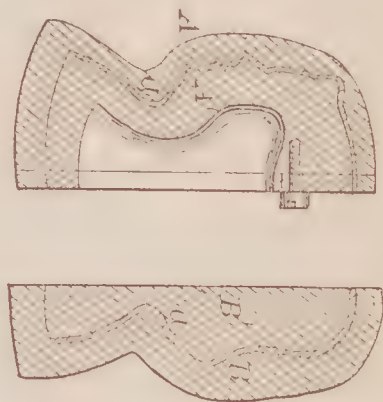
81996—C. T. Grimes—*Plow.*



81997—J. P. Grosvenor—*Moulding Machine.*



81998—Hall & Clifford—*Anti-Interfering Band.*



81999—G. H. Hawkins—*Dolls' Head.*

82000—W. H. H. Hinds—*Candlestick.*

Fig. 1

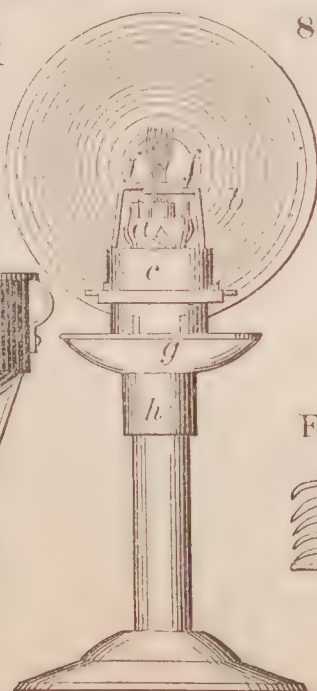


Fig. 2

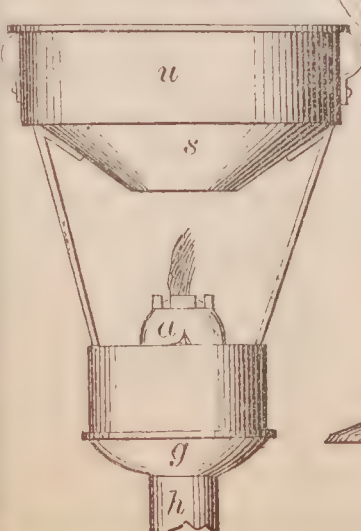


Fig. 6

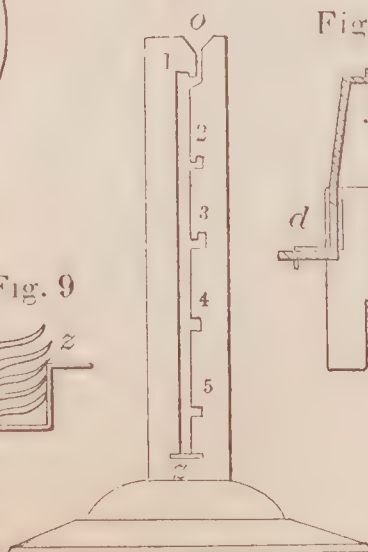


Fig. 9



Fig. 3

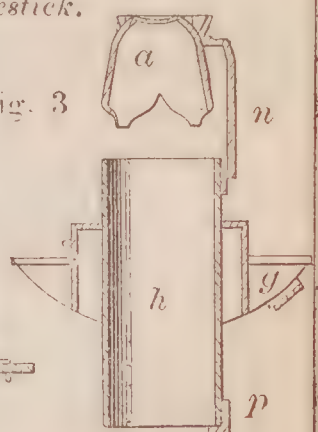
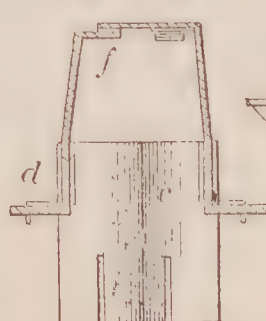
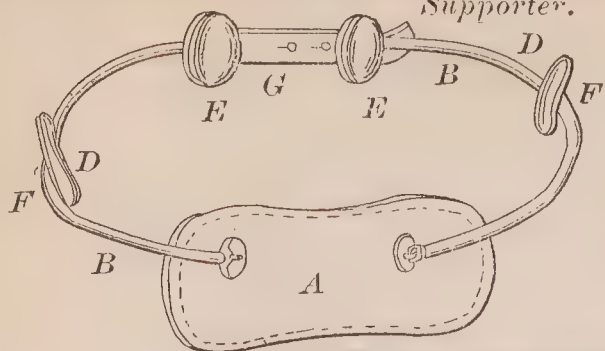
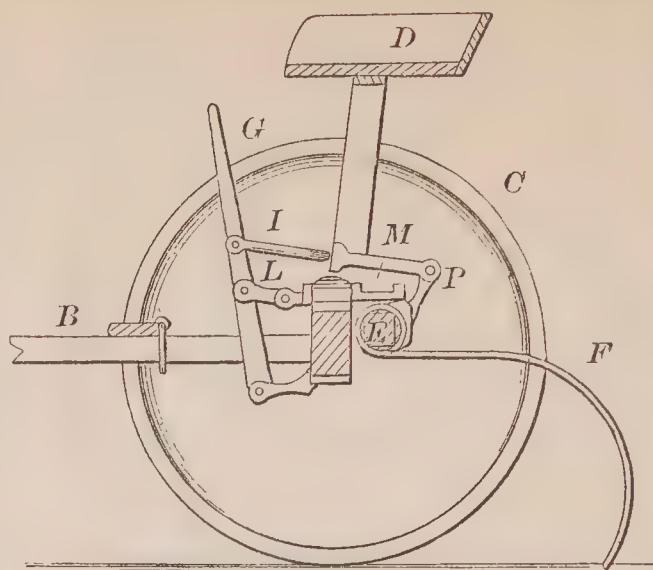
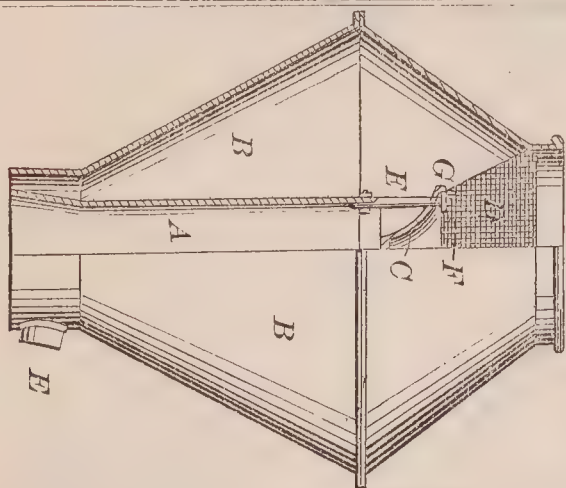
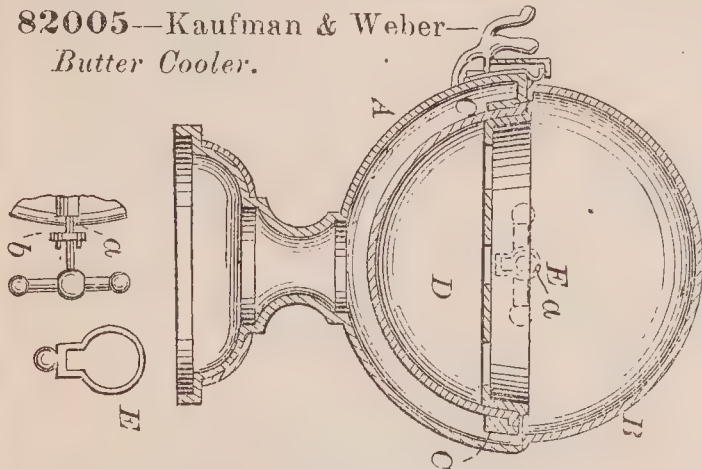
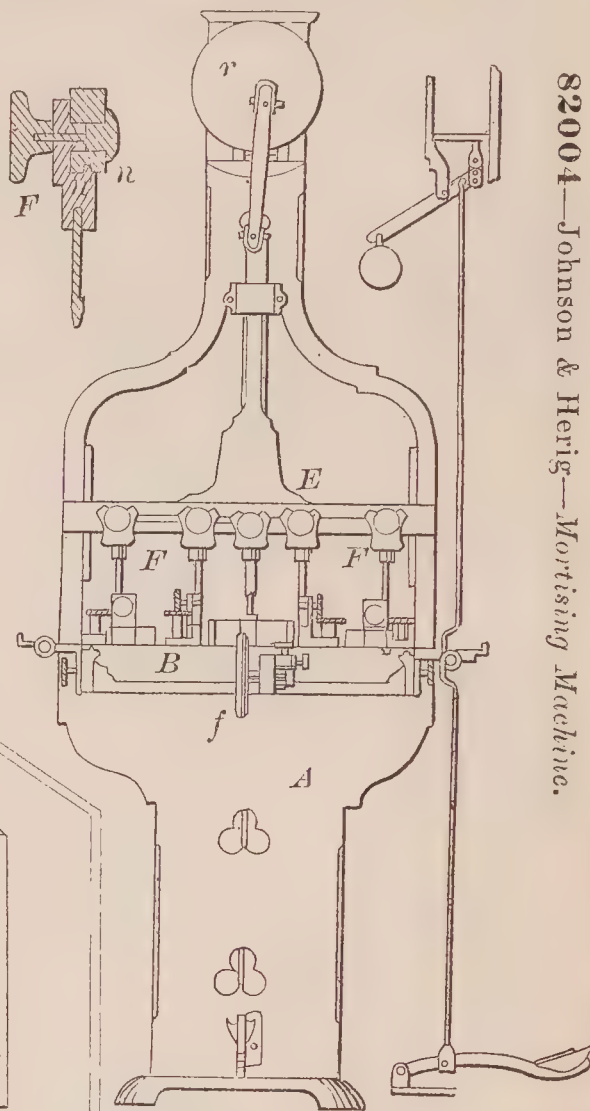
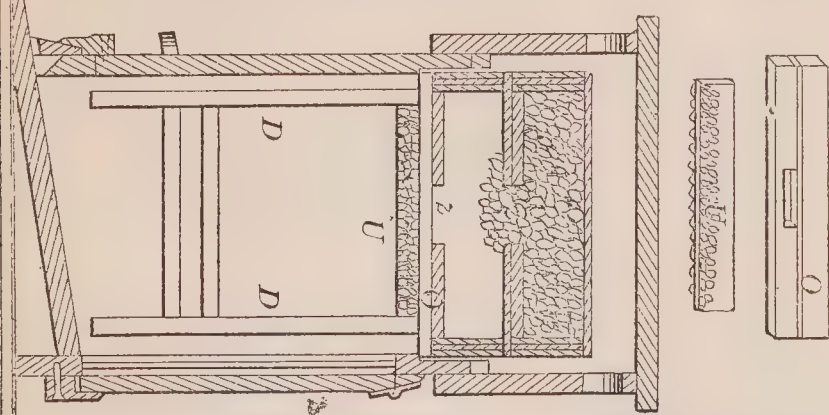
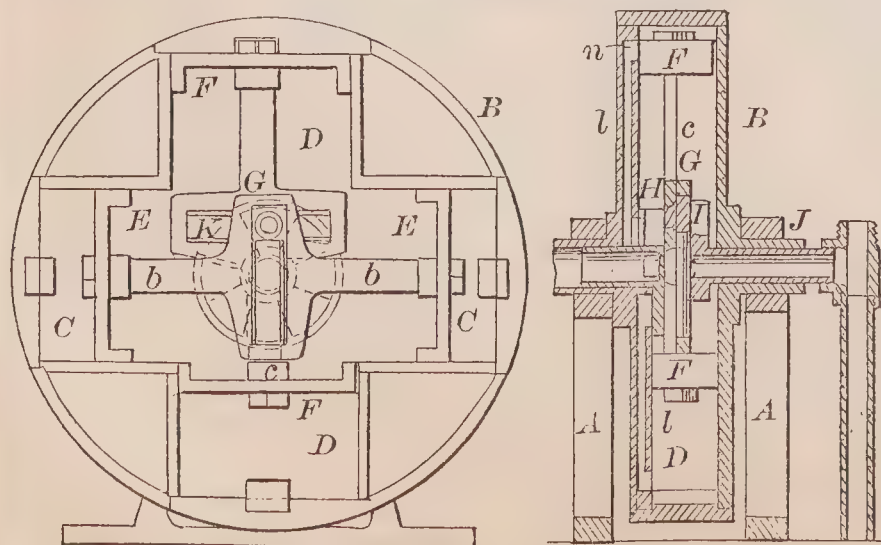
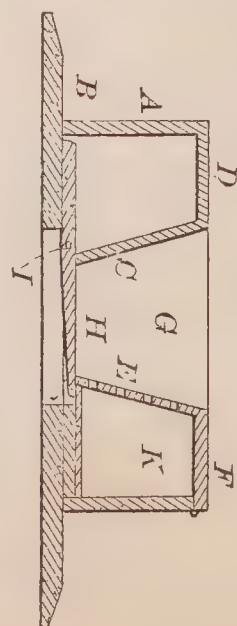


Fig. 4

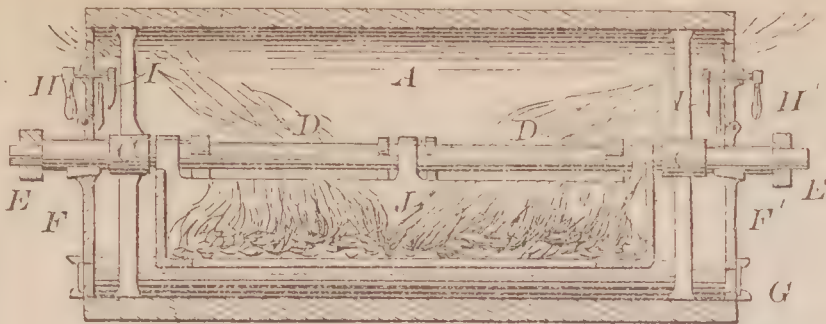




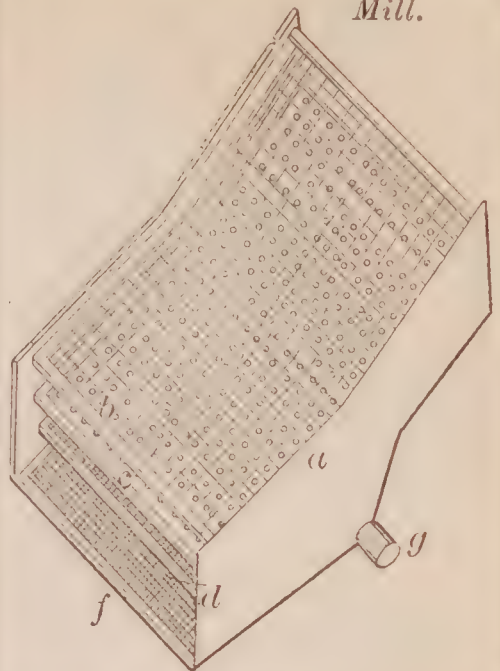
82001—S. L. Hockert—*Abdominal Supporter.*82002—W. Holmes—*Horse Hay Rake.*82003—G. Holton—*Smoke Stack.*82005—Kaufman & Weber—*Butter Cooler.*82004—Johnson & Herig—*Mortising Machine.*82006—H. A. King—*Beehive.*82007—A. Kipp, Jr.—*Rotary Steam Engine.*82008—T. B. Kirby—*Animal Trap.*



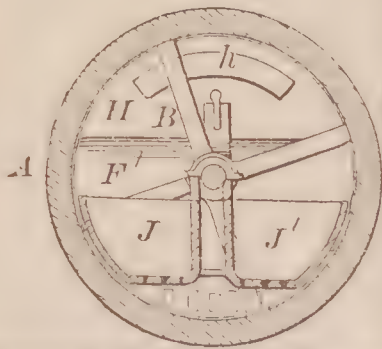
82009—E. W. Kittredge—*Paving Roller.*



82011—E. Lindsley—*Fanning Mill.*



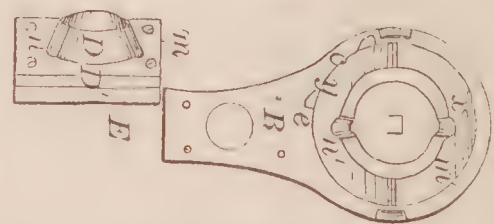
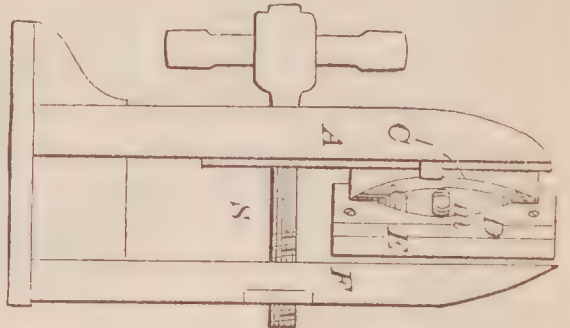
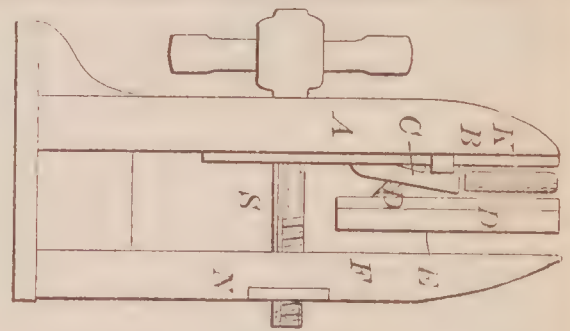
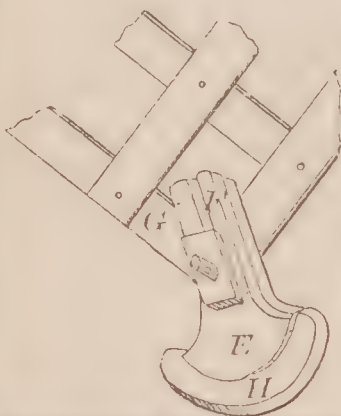
82010—P. Lauster—*Jug Top.*



82013—H. D. Lyman—*Horse Shoe.*

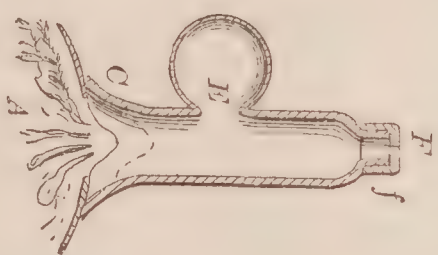
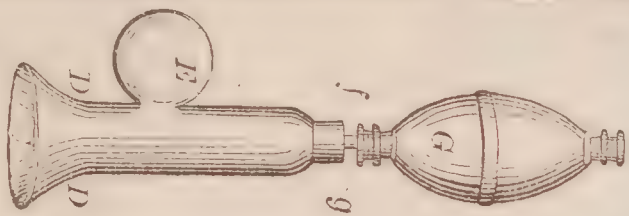


82012—J. M. Losie—*Spring Bed Bottom.*

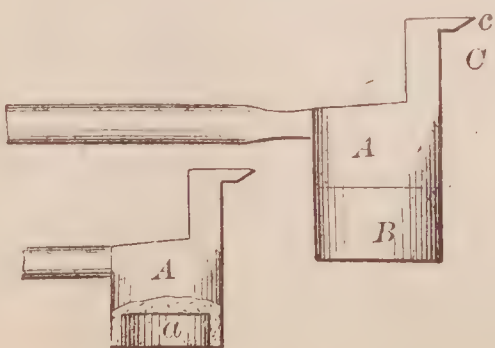


82014—Mason & Robbins—*Vise.*

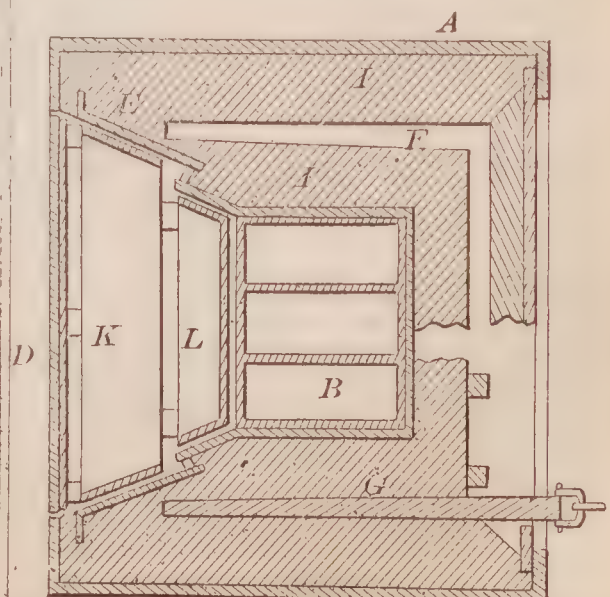
82015—M. Mattson—*Breast Pump.*



82017—W. S. McNiel—*Hammer and Mallet.*

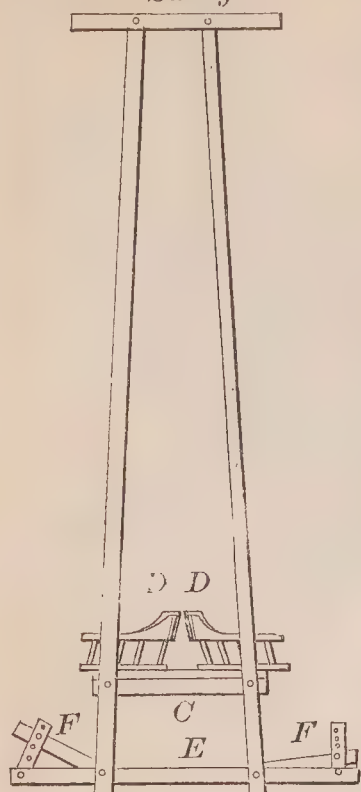
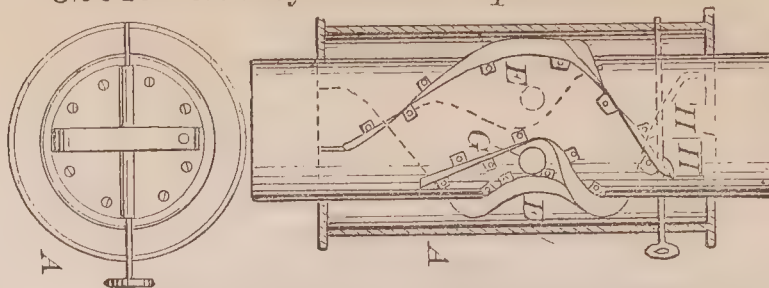
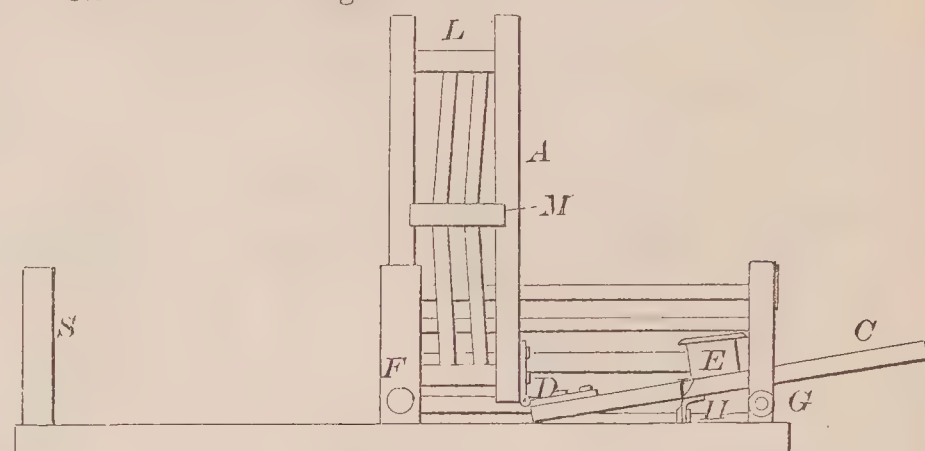



82016—McFarland & Butler—*Safe.*

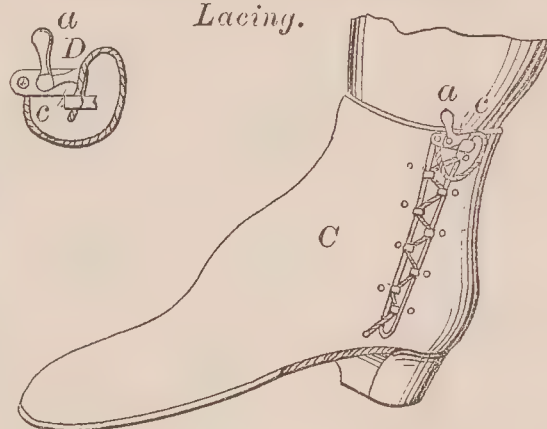




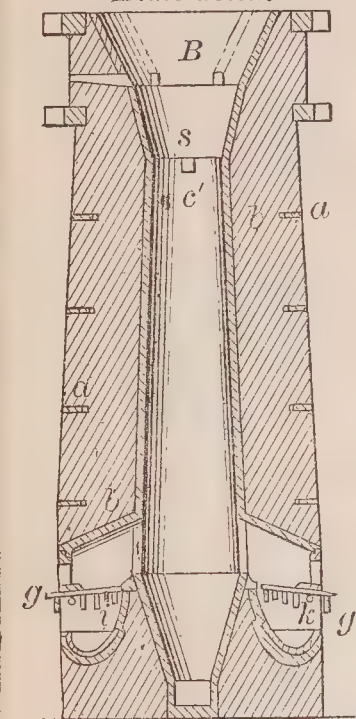
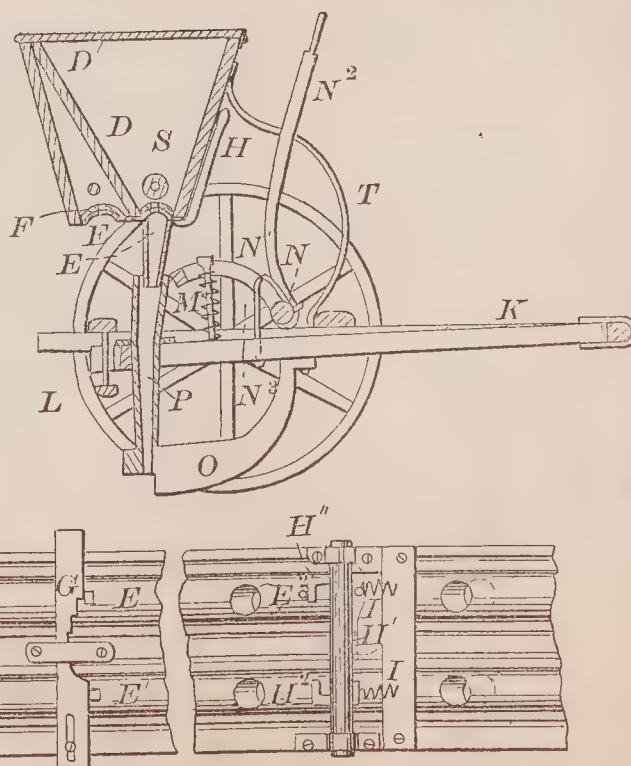
82018—H. F. Metzler—  
*Swing.*

82019—H. Meyer—*Stove Pipe Drum.*82021—R. C. Mighell—*Gate.*

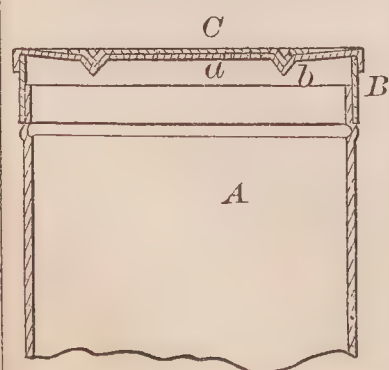
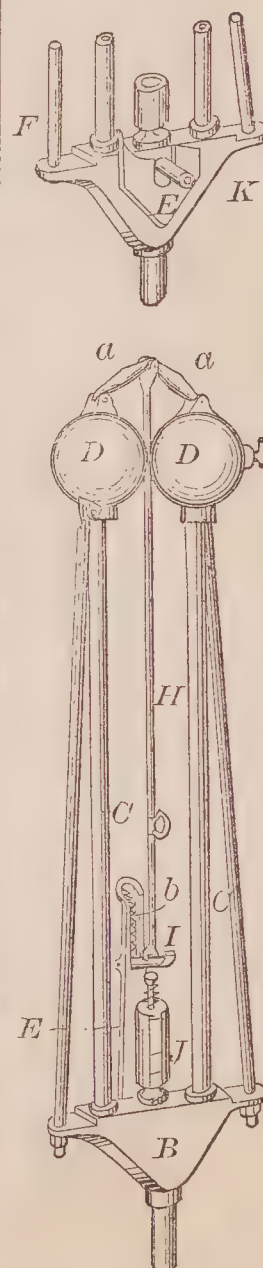
82022—W. F. Oliver—*Shoe*  
a *Lacing.* 



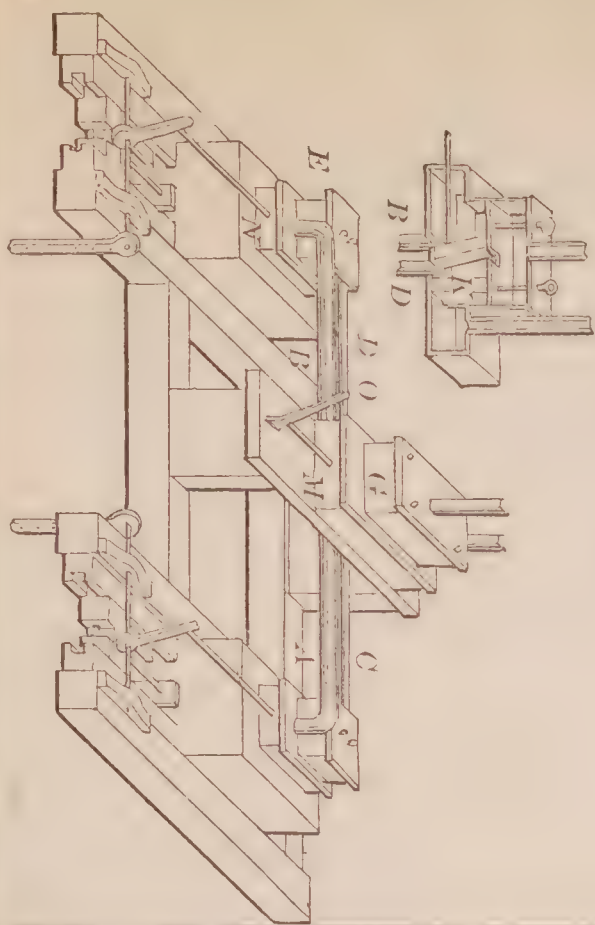
82023—C. D. Page—  
*Lime Kiln.*

82026—C. W. Patton—*Wheat Drill*.

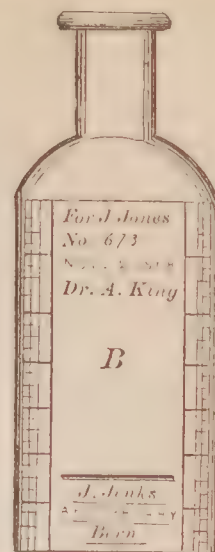
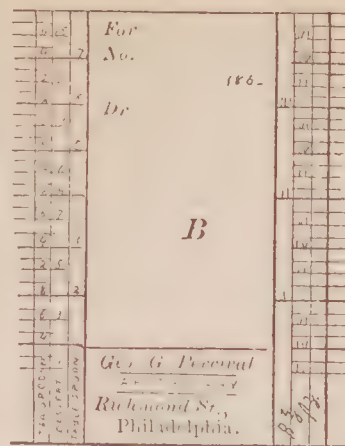
82024—C. T. Palmer—  
*Spice Box.*

82025—S. B. Palmer—*Low Water Alarm for Steam Generators.*

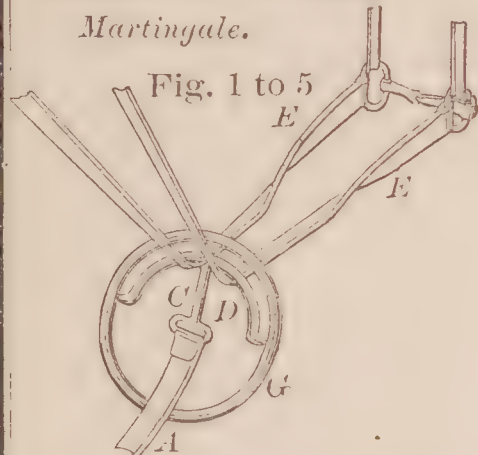
82027—J. B. Pedrick—*Steam Engine.*



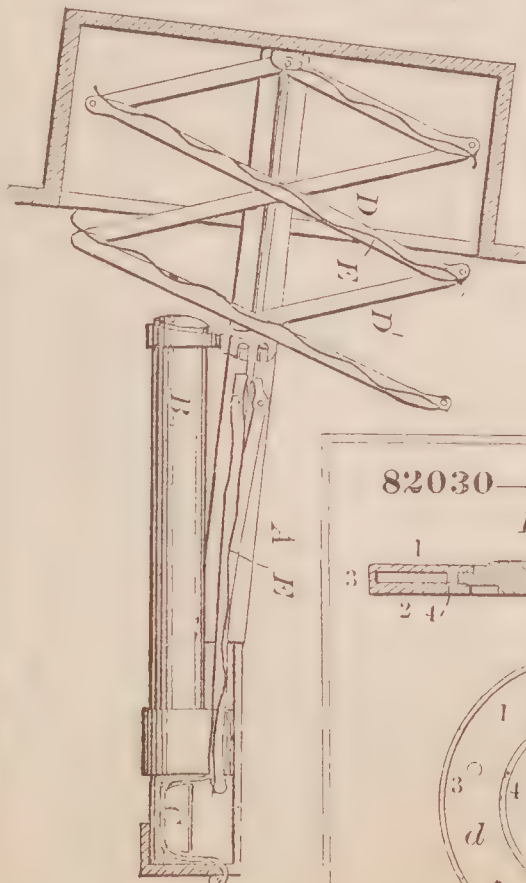
82028—G. G. Percival—  
*Label.*



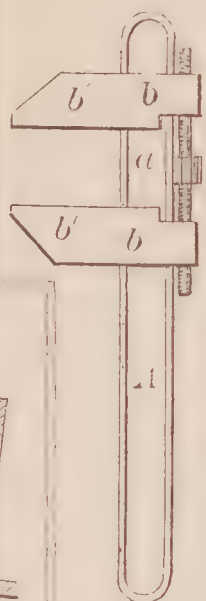
82029—W. B. Perrie—  
*Martingale.*



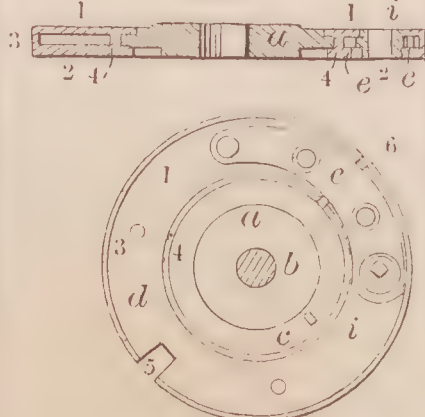
82032—N. Poulson—*Awning.*




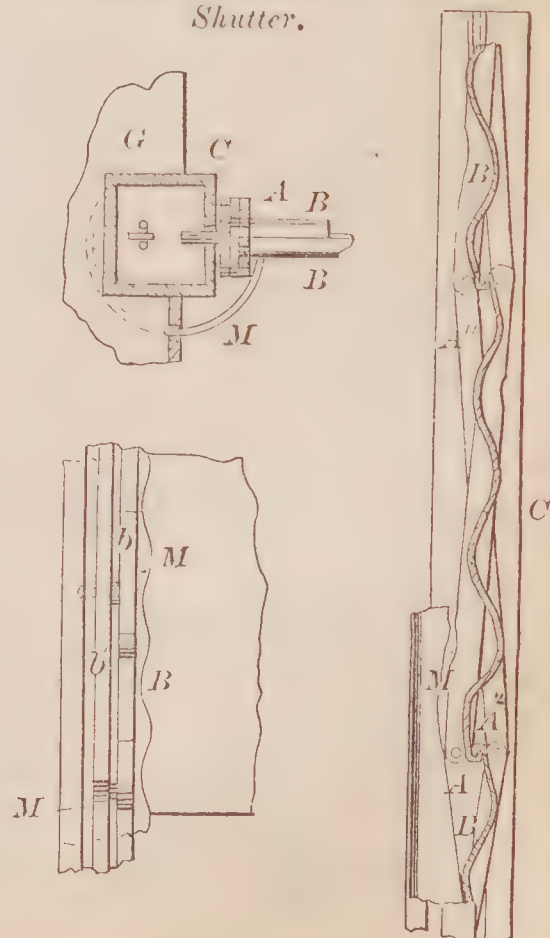
82033—E. W. Quincy—French.



82030—O. E. Pillard—  
*Lock.*

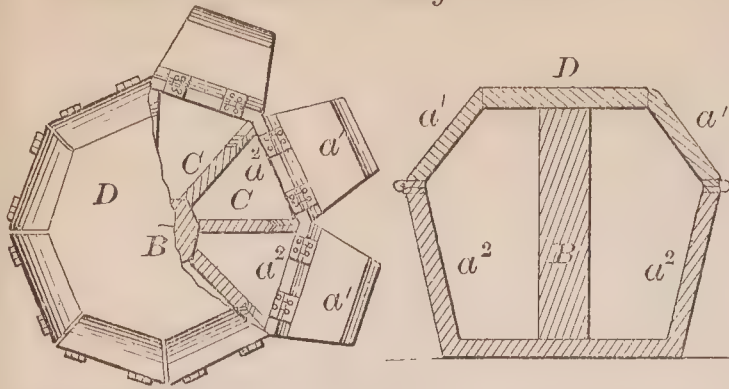
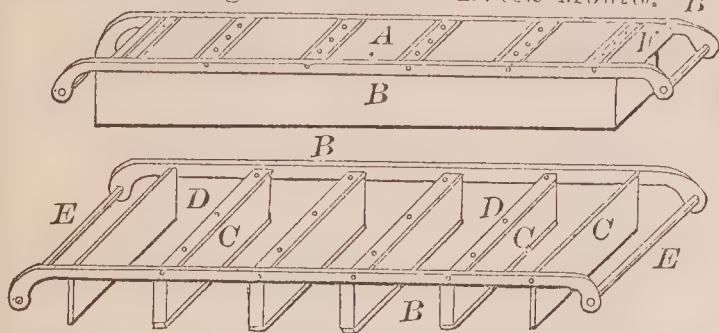
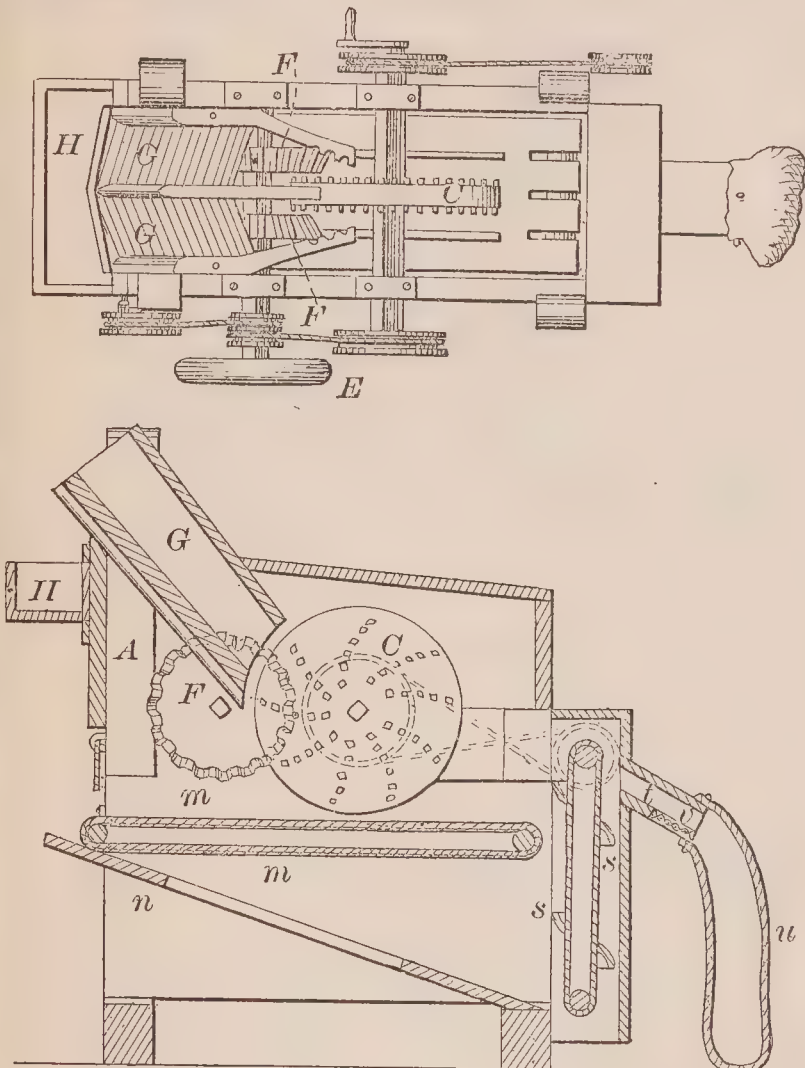
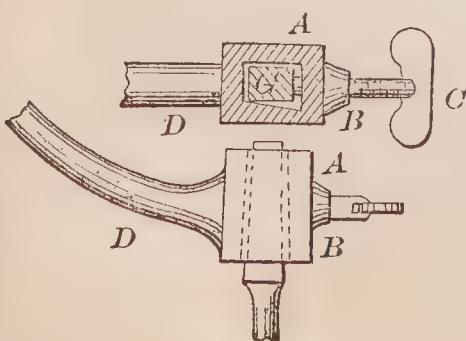
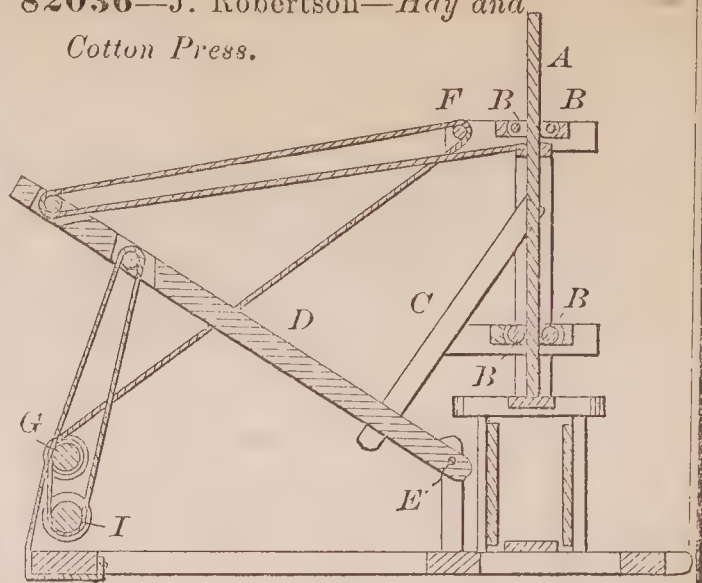
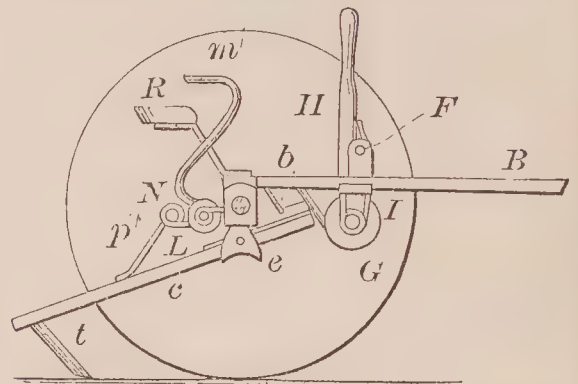
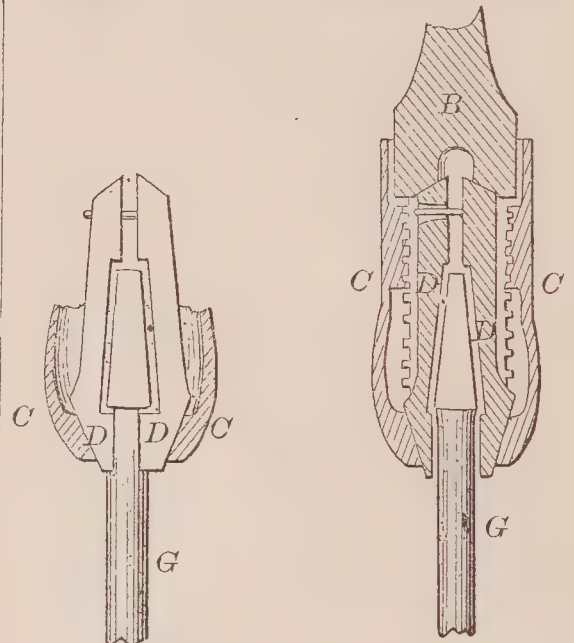
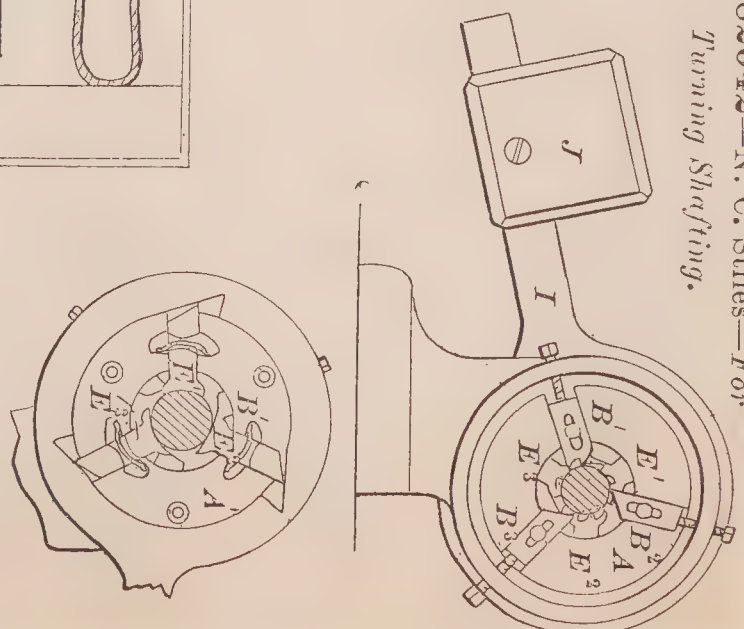


82031—N. Poulson—*Window  
Shutter.* 

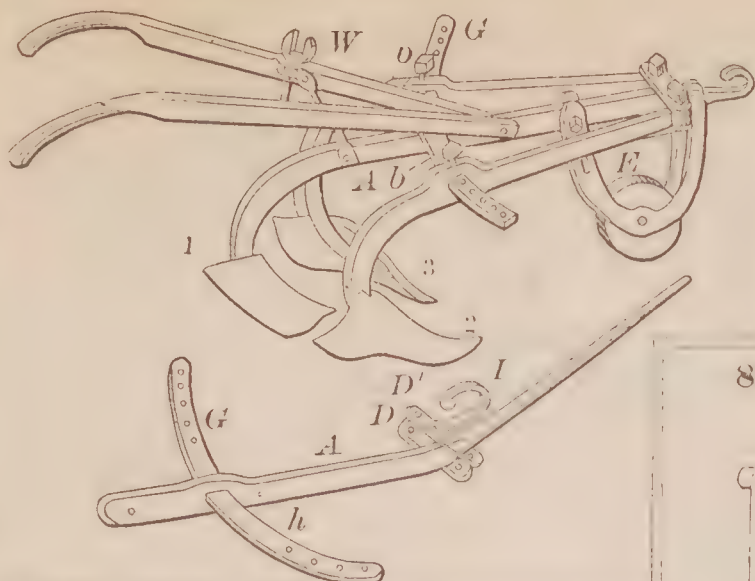


82034—W. L. Beck—*Tile Machine*

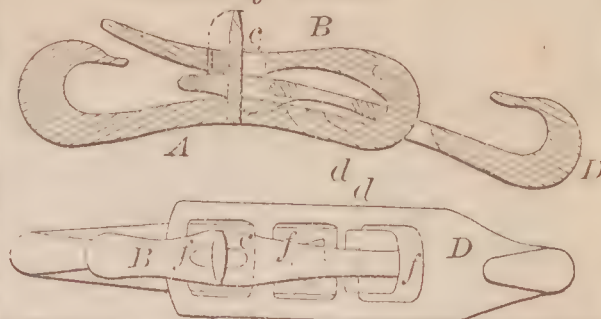


82035—M. L. Rich—*Sugar Bin.*82037—Sangster & Bretz—*Brick Mould.*82039—N. Shock—*Corn Sheller and Cleaner.*82044—O. H. Taylor—*Bit Stock.*82036—J. Robertson—*Hay and Cotton Press.*82040—F. Smith—*Horse Rake.*82041—R. D. O. Smith—*Bit Stock.*82042—N. C. Stiles—*For Turning Shafting.*

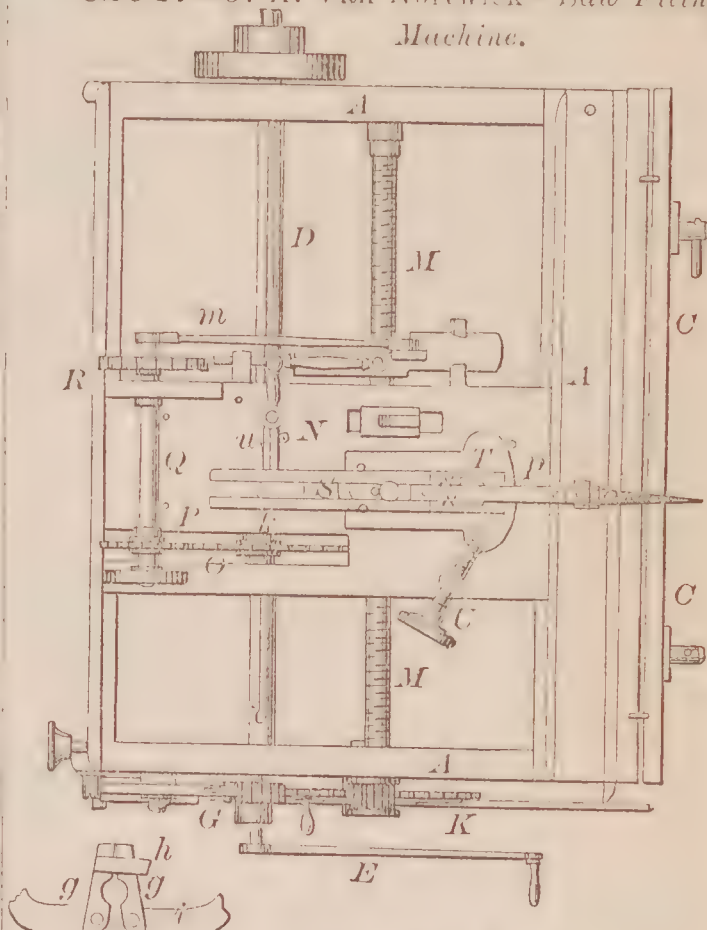
82043—M. Stoll—*Potato Plow.*



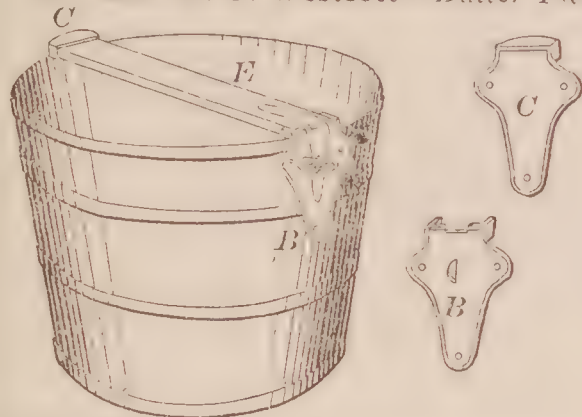
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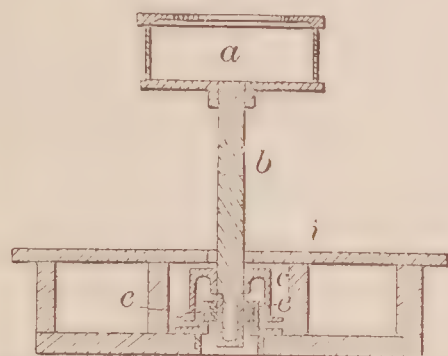
82047—J. H. Van Nortwick—*Saw Filing Machine.*



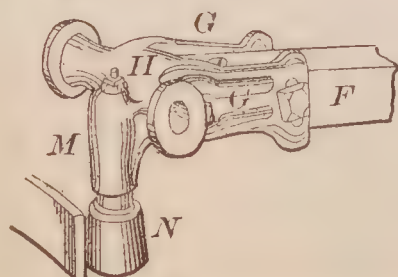
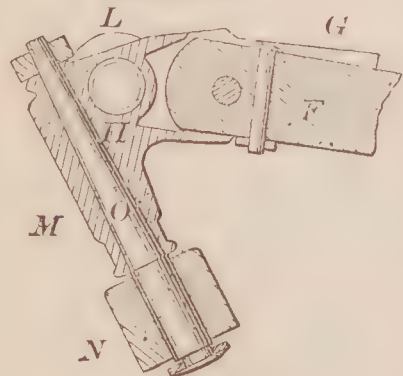
82048—H. P. Westcott—*Butter Pail.*



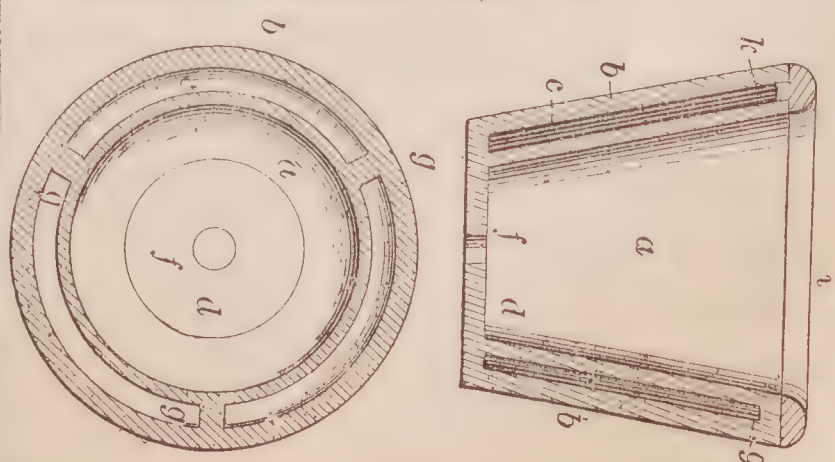
82049—D. M. Weston—*Centrifugal Machine.*



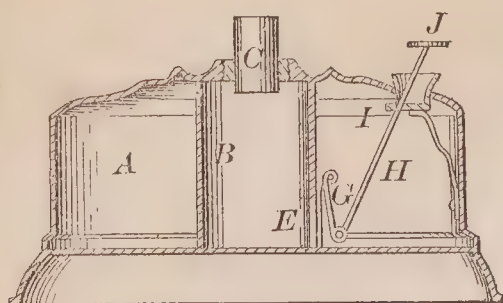
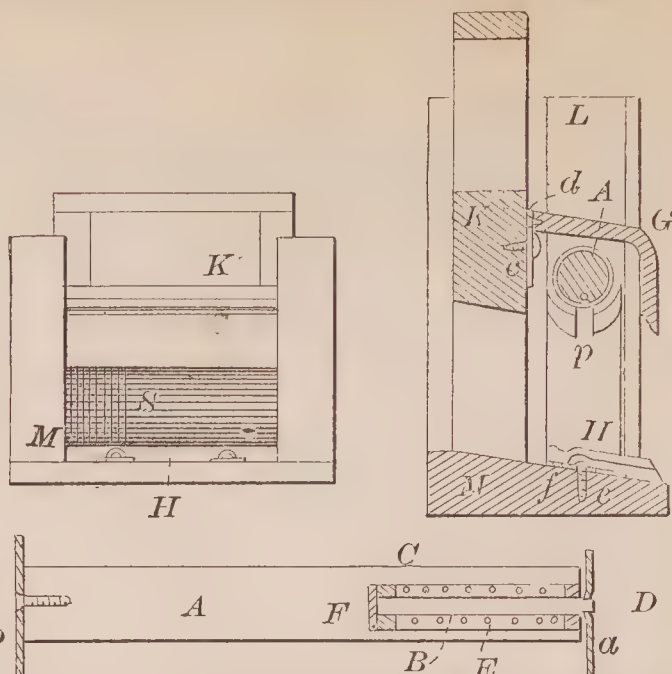
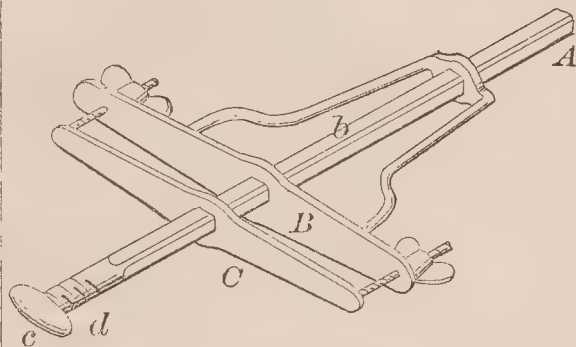
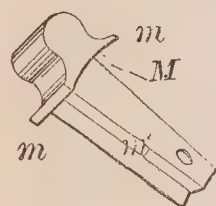
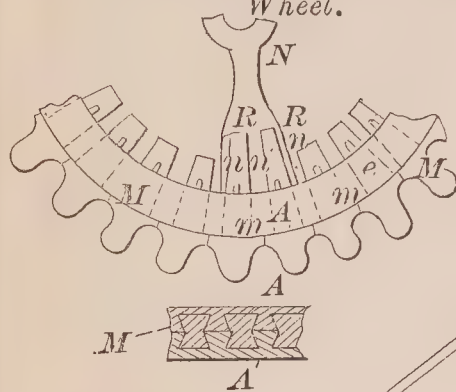
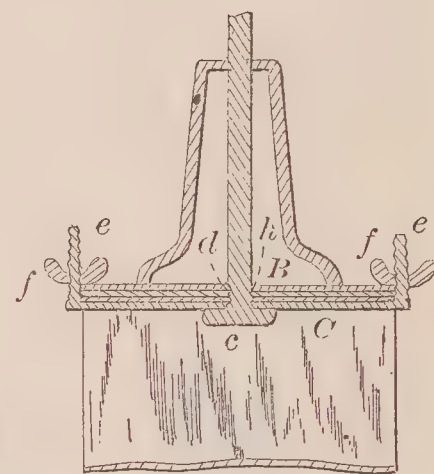
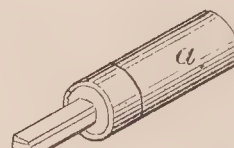
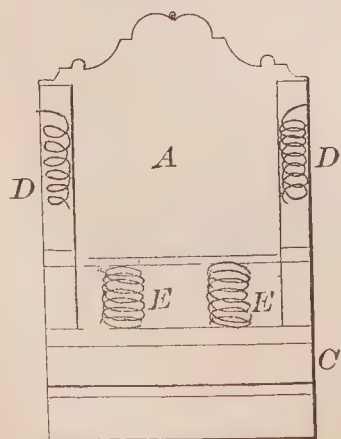
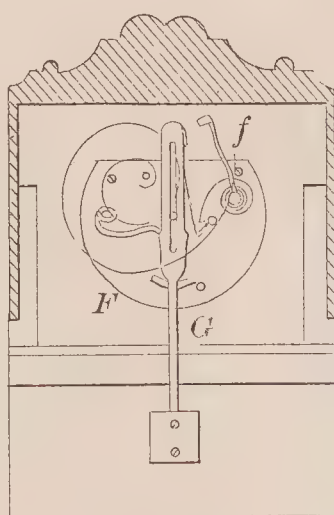
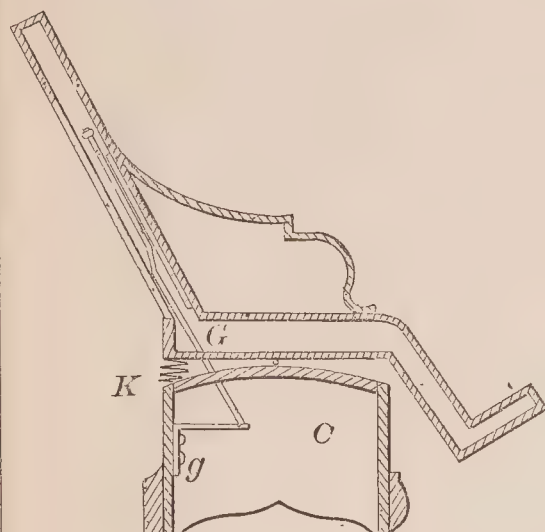
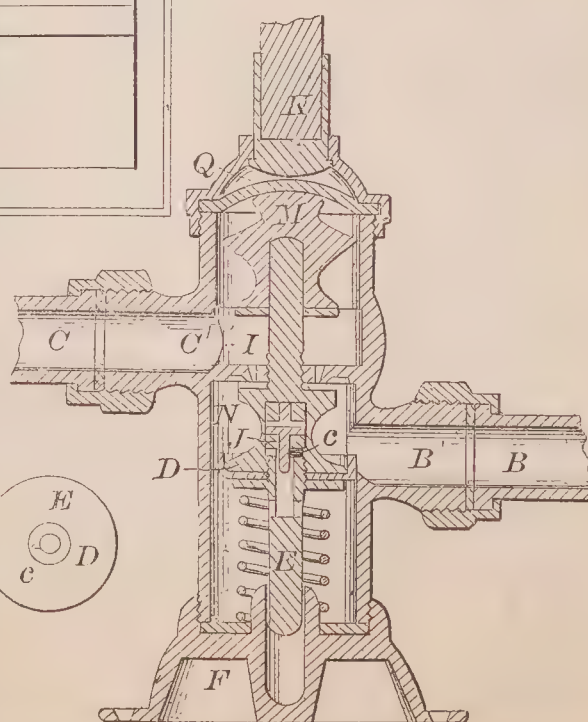
82050—W. N. Whiteley—*Harvester.*



82052—E. Whitman—*Flower Pot.*



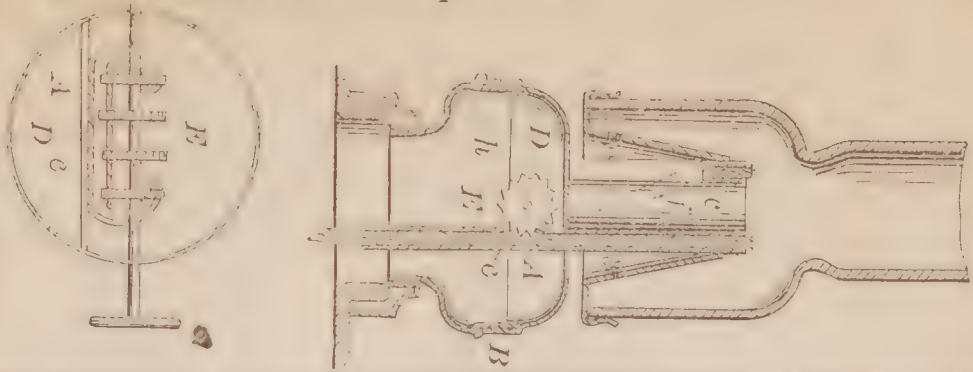


82051—A. Whitlock—*Lamp.*82053—R. S. Whittier—*Window Screen.*82054—C. F. Woodruff—*Spur Wheel.*82055—J. A. Wright—*Mop.*82056—J. A. Wroe—*Exercising Chair.*82057—D. Morrison—*Water Closet Valve.*

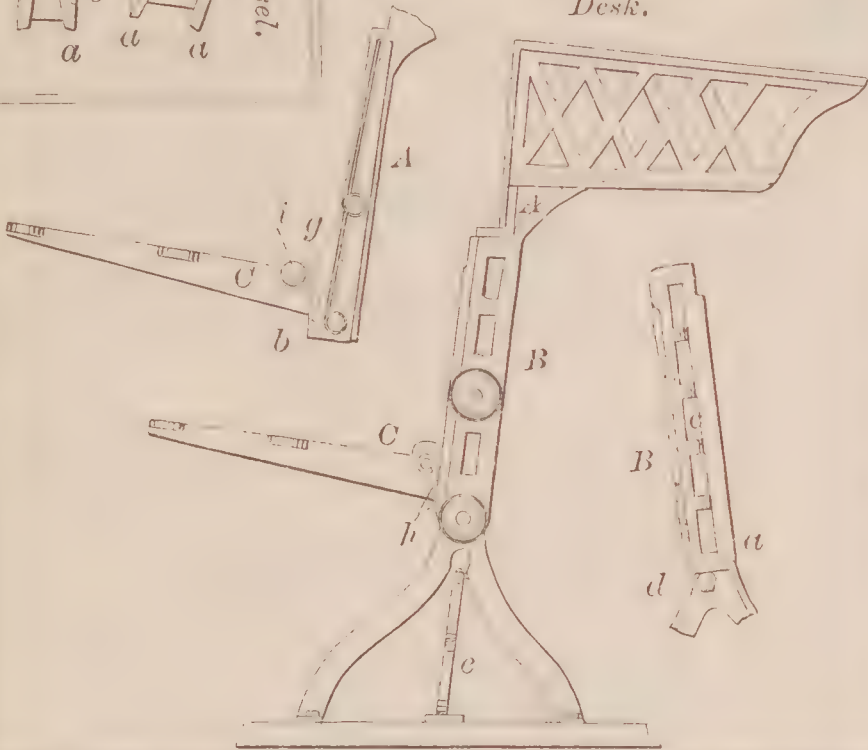
82058—Adams & Hatch—Chisel.



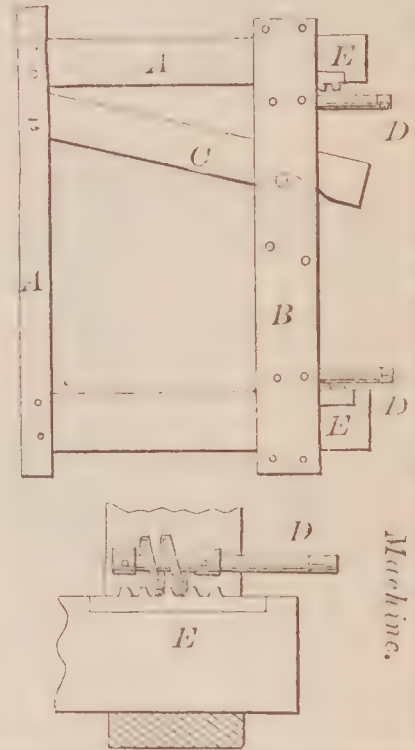
82059—T. Adams—Lamp Burner.



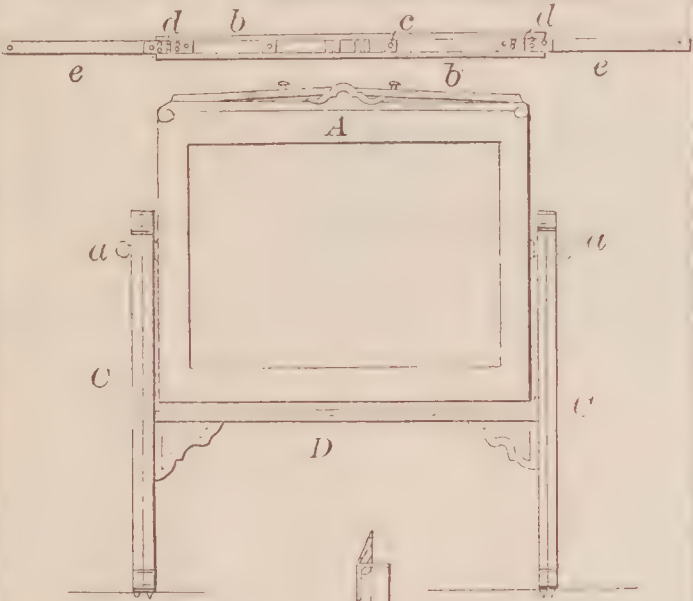
82061—H. L. Andrews—School Desk.



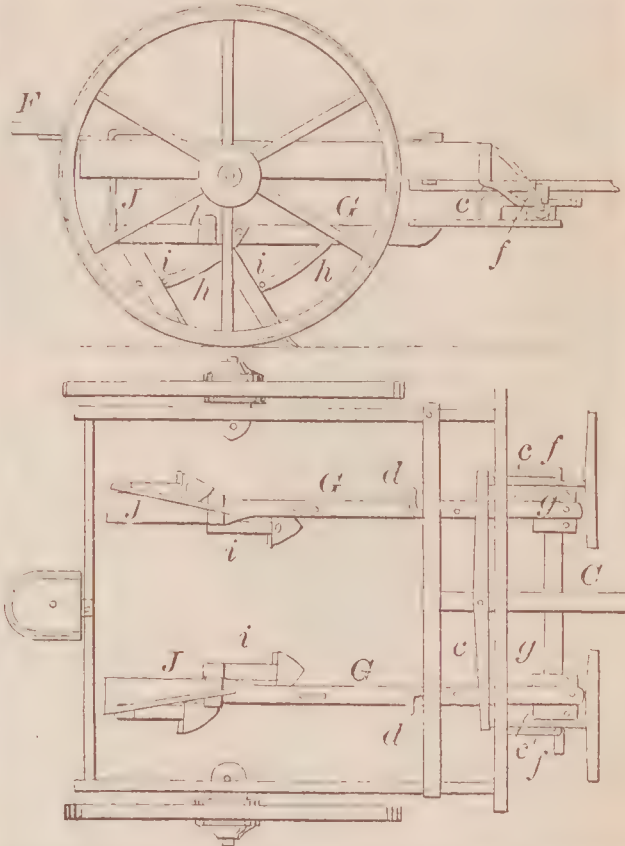
82063—Andrews & Dingwell—Leather Stretching Machine.



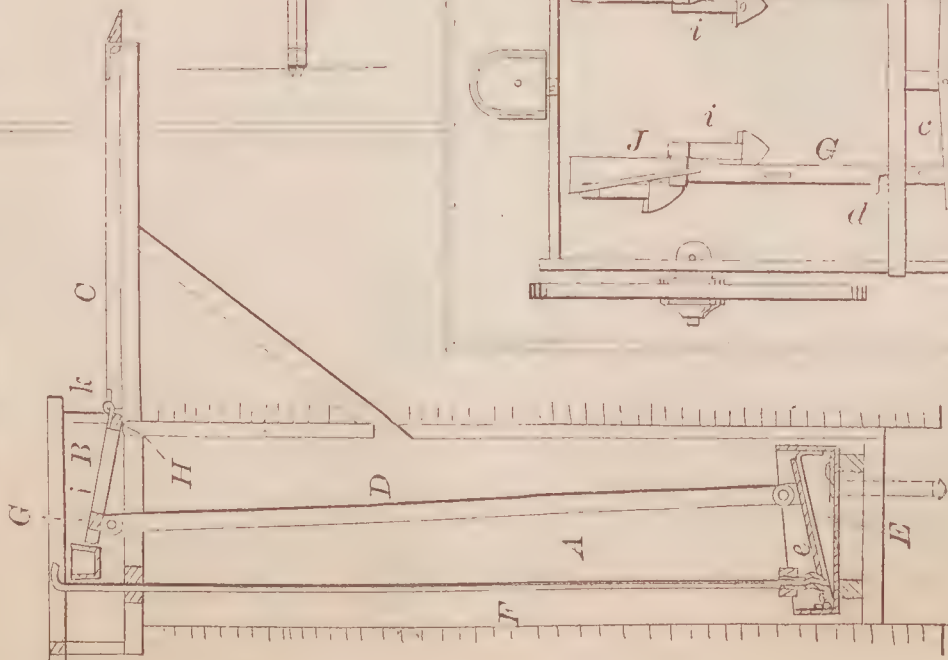
82062—H. L. Andrews—Blackboard.



82060—A. H. Allison—Cultivator.

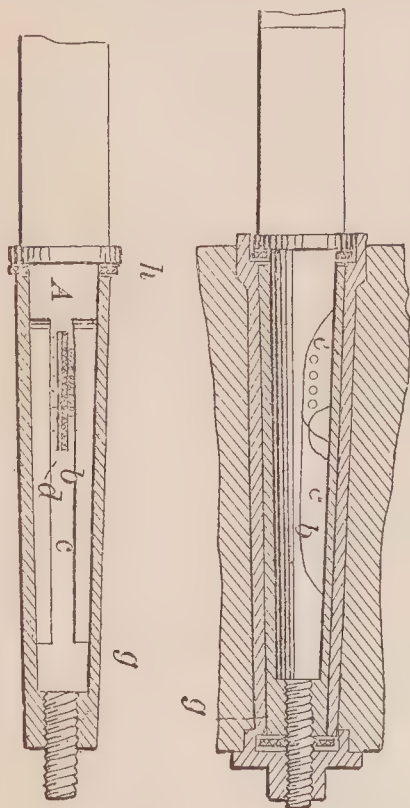
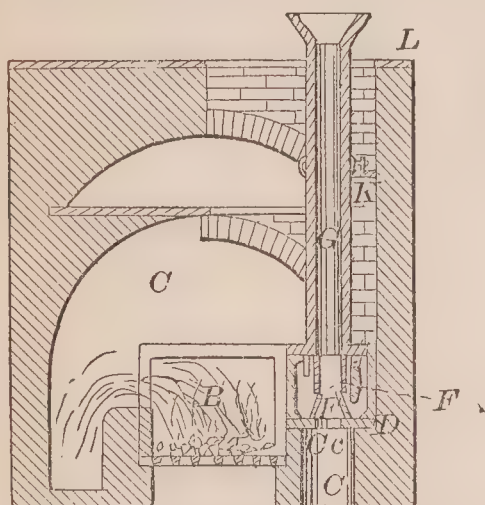
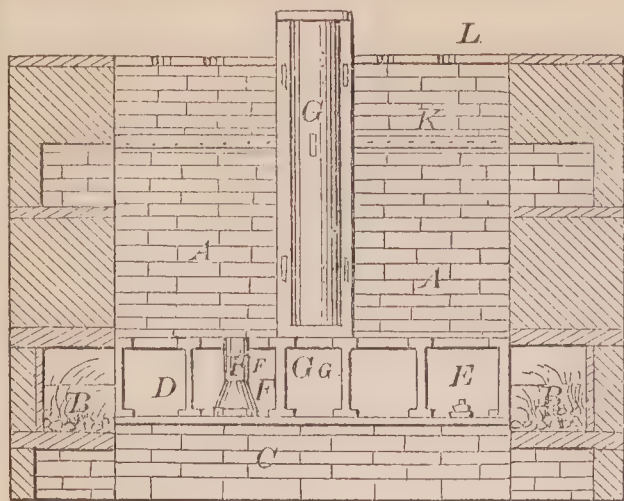


82064—W. T. Armstrong—Stock Pump.



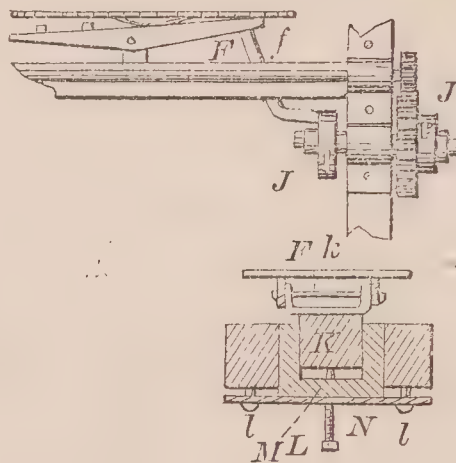
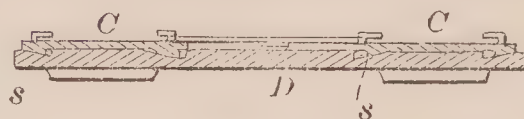
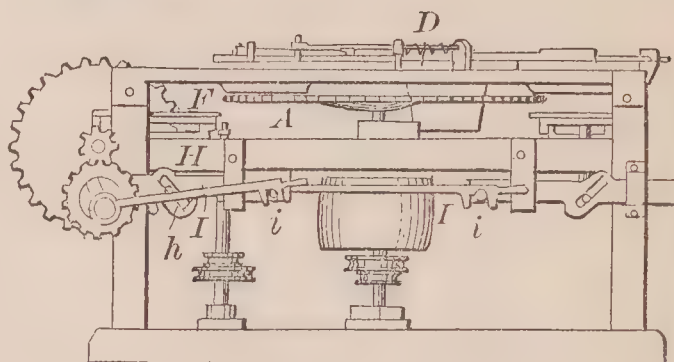
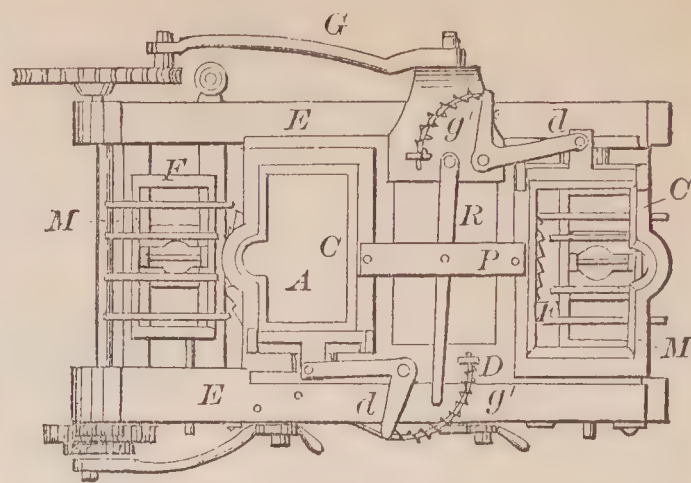


82065—J. Aston—Moulding Pipe.

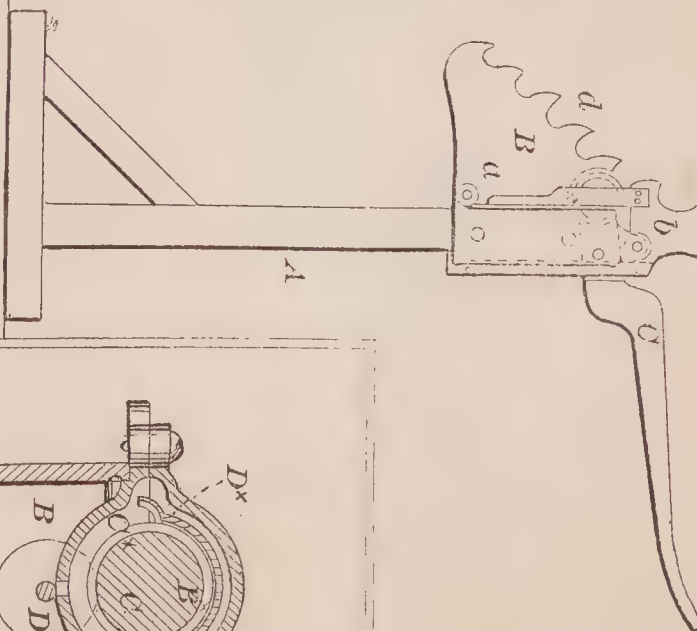


82068—C. G. Bachelder—Wagon Axle.

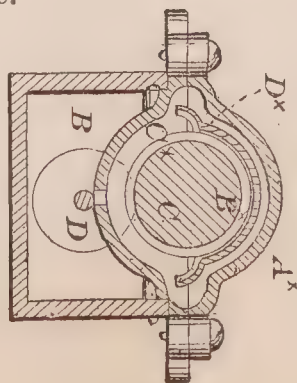
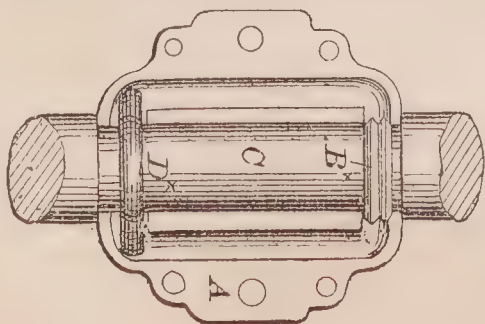
82067—J. E. Austin—Shingle Machine.



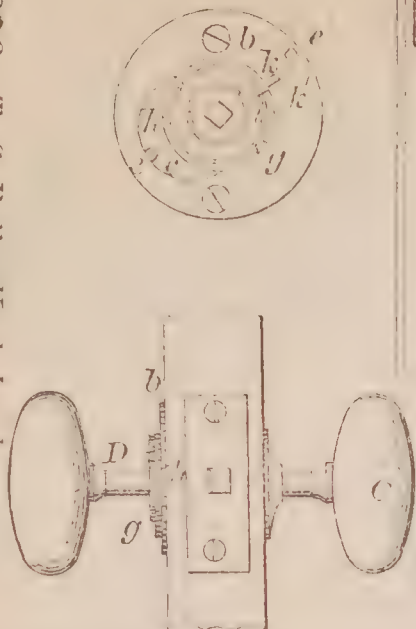
82069—E. R. Baldwin—Wagon Jack.



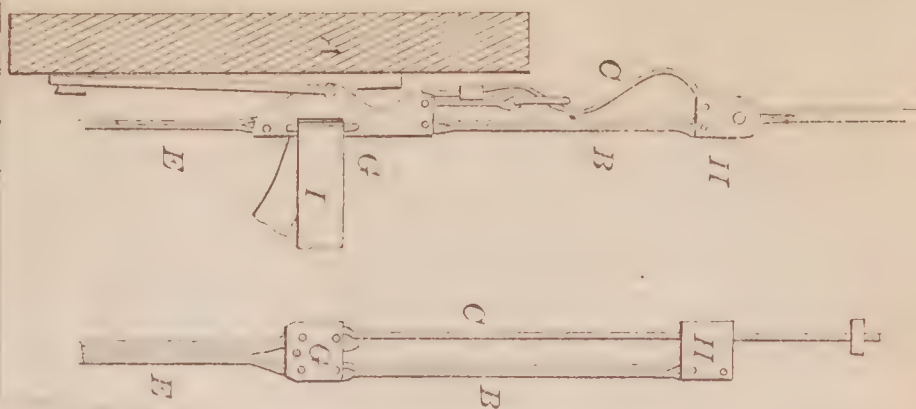
82066—J. E. Atwood—Journal Box.



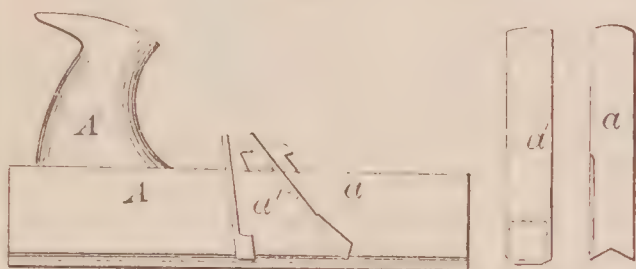
82070—T. C. Ball—Knob Latch.



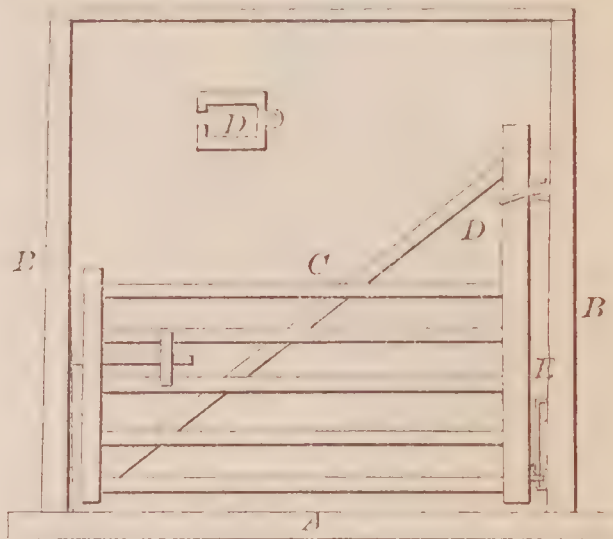
82072—E. Barron—Harness.



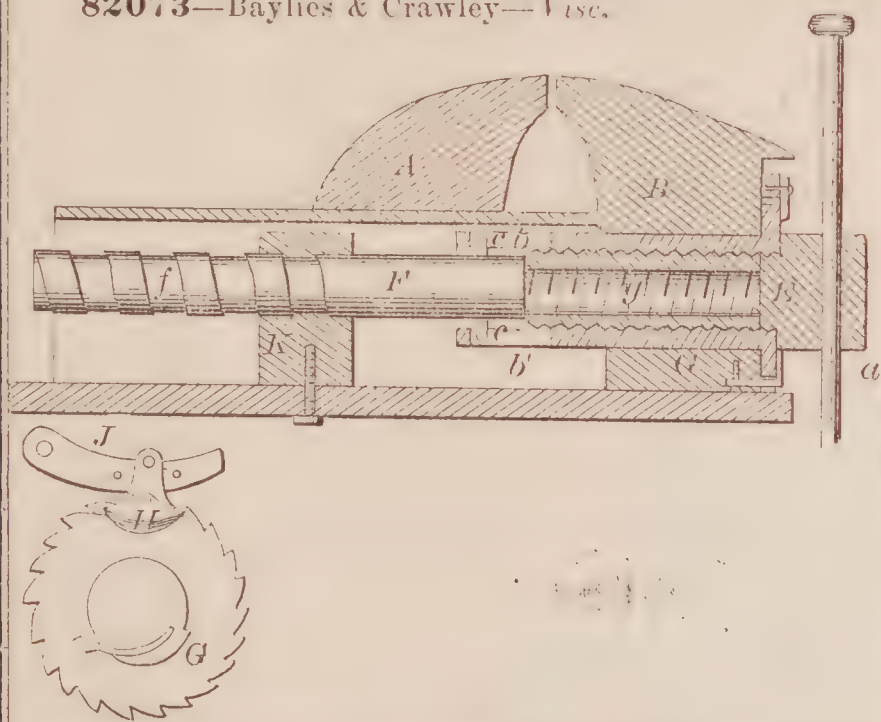
82074—V. Bitsch—Plane.



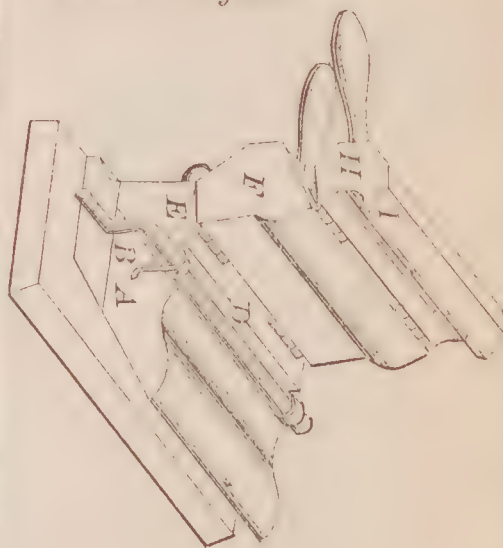
82075—C. S. Bonney—Gate.



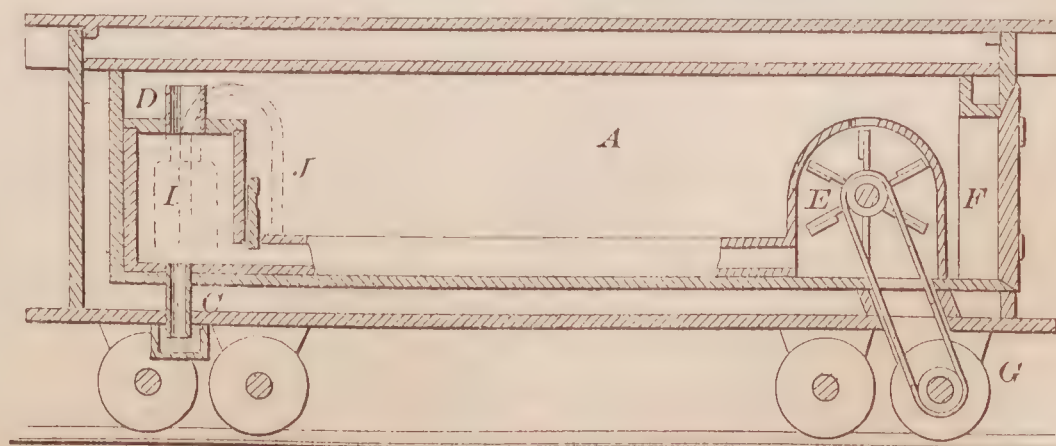
82073—Baylies & Crawley—Vise.



82077—J. Brett—For Forming Eaves Troughs.

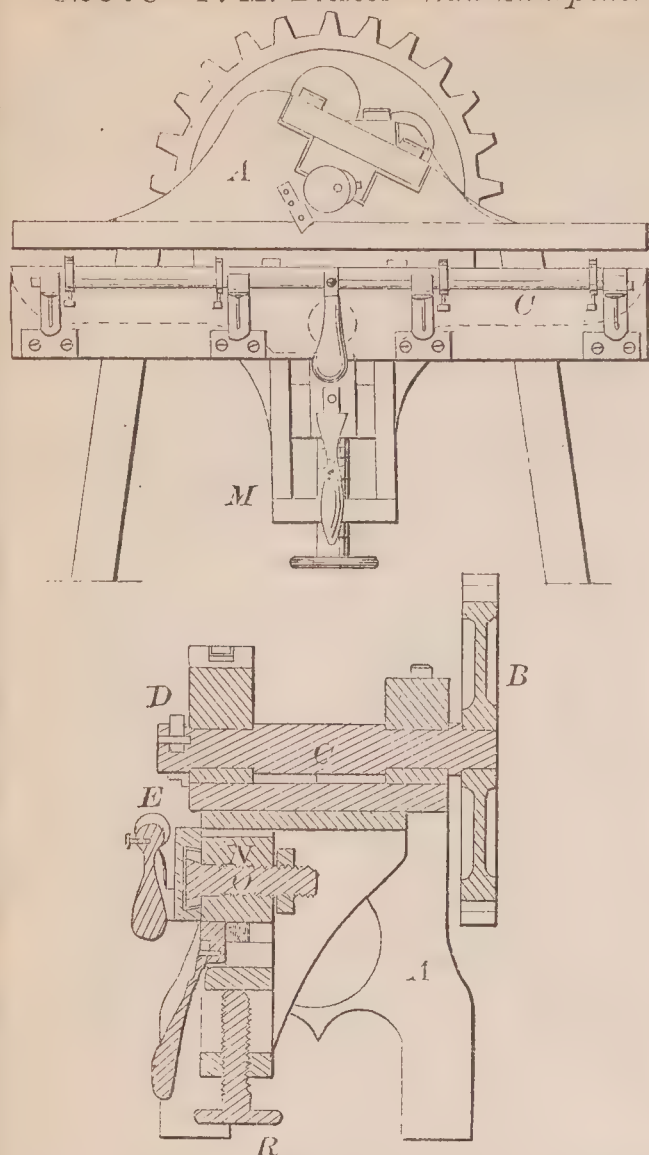


82076—W. Bray—Refrigerator.

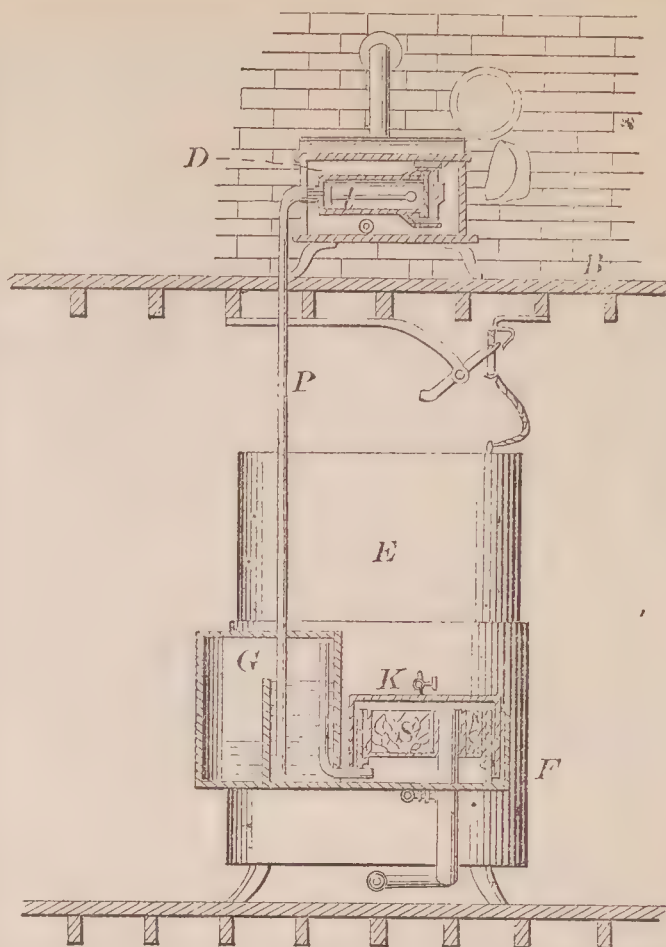




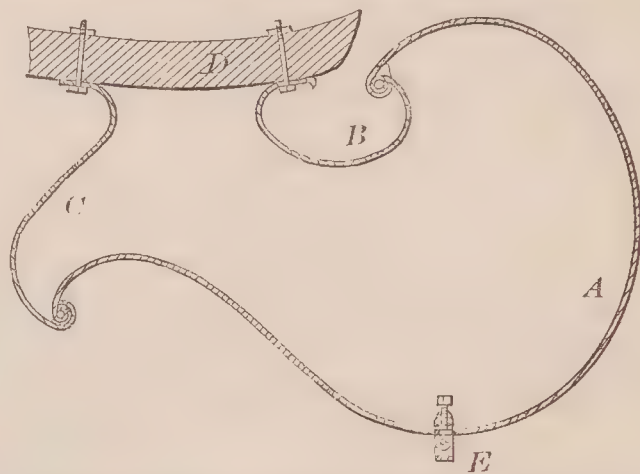
82078--P. M. Bristol--*Saw Sharpener.*



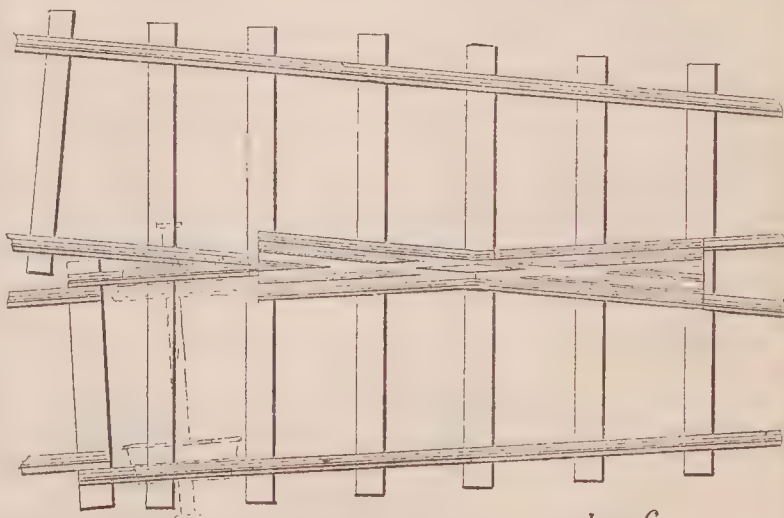
82080--J. W. Brown--*Manufacture of Gas.*



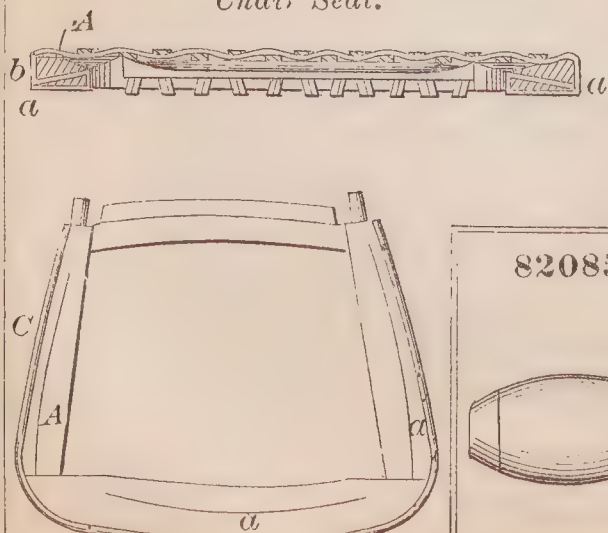
82082--A. Buzzell--*Carriage Spring.*



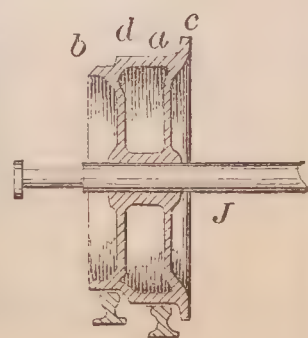
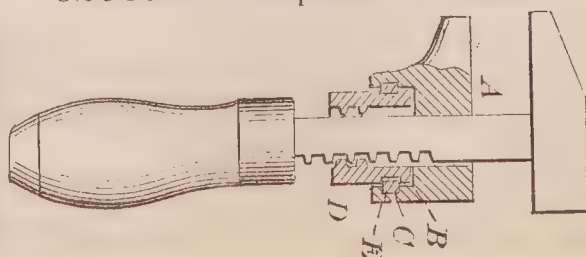
82086--W. H. Childe--*Car Wheel and Frog.*



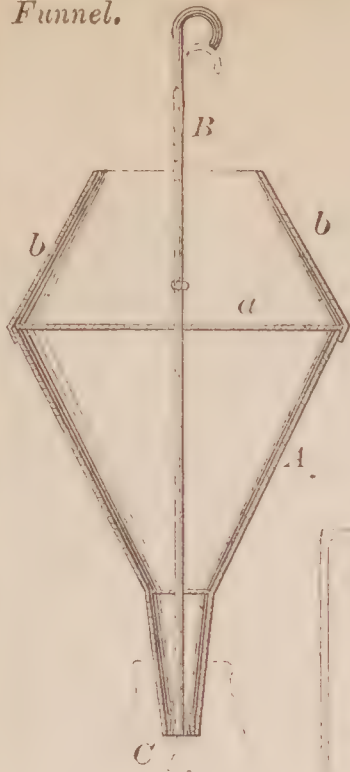
82081--E. L. Buckingham--*Chair Seat.*



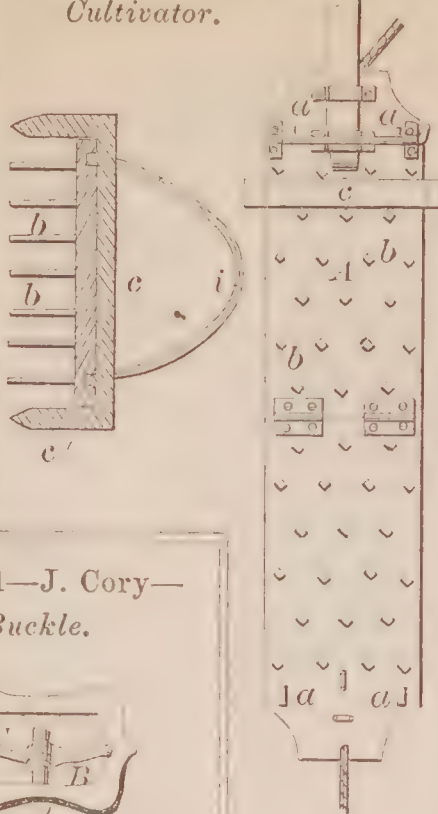
82085--L. Chapman--*Wrench.*



82087—C. Chinnock—*Funnel.*



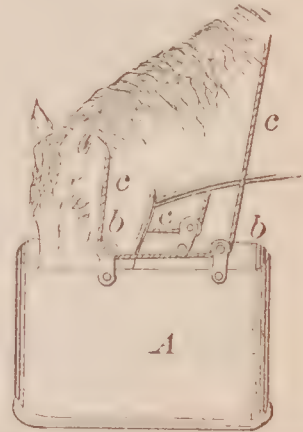
82089—J. H. Clifton—*Cultivator.*



82090—Clough & Baldwin—*Shuttle.*



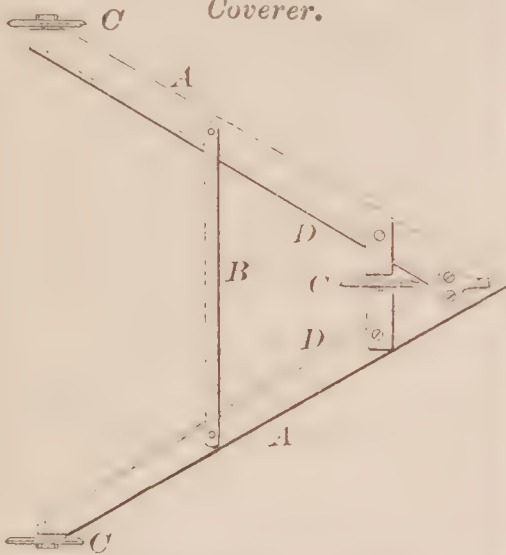
82088—C. Chinnock—*Feed Bag.*



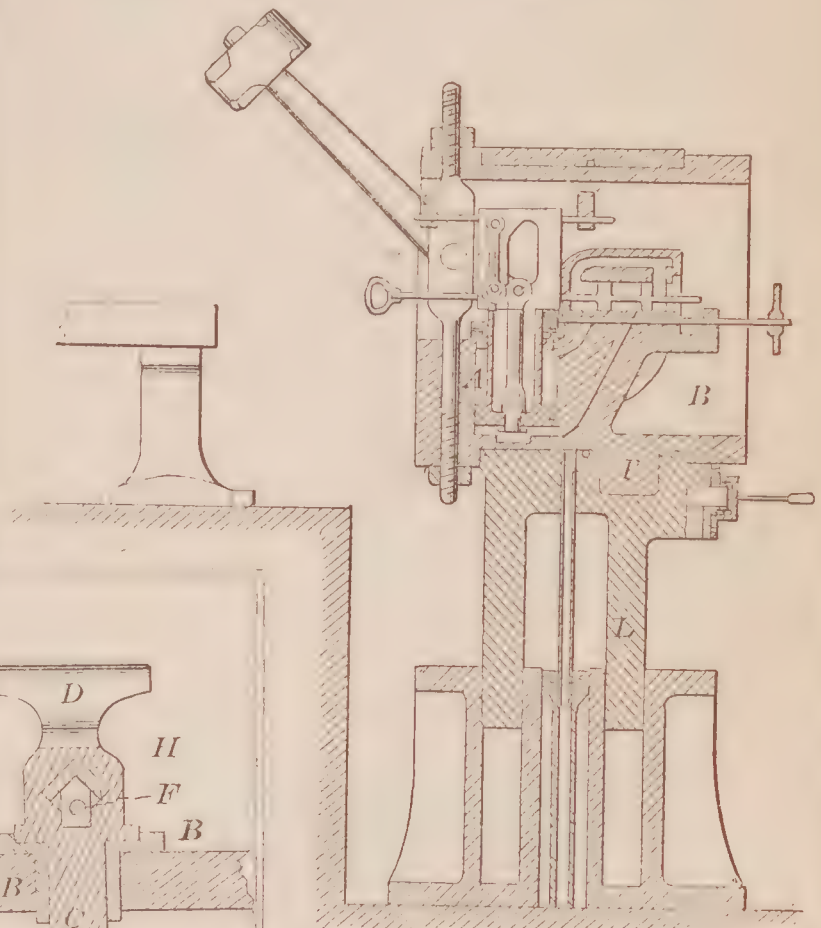
82091—J. Cory—*Buckle.*



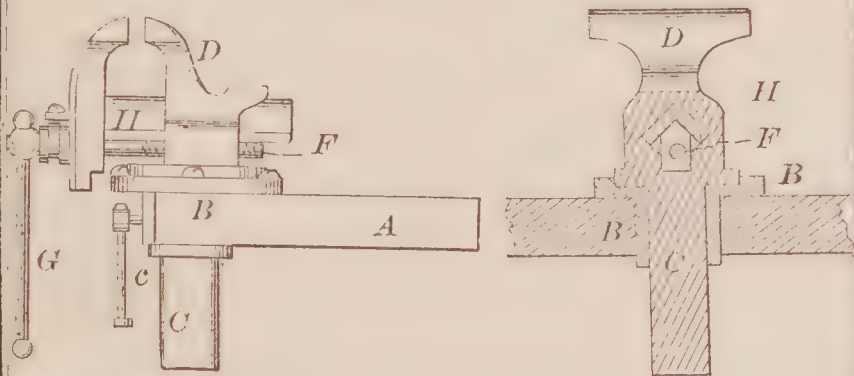
82092—E. D. Cramer—*Seed Coverer.*



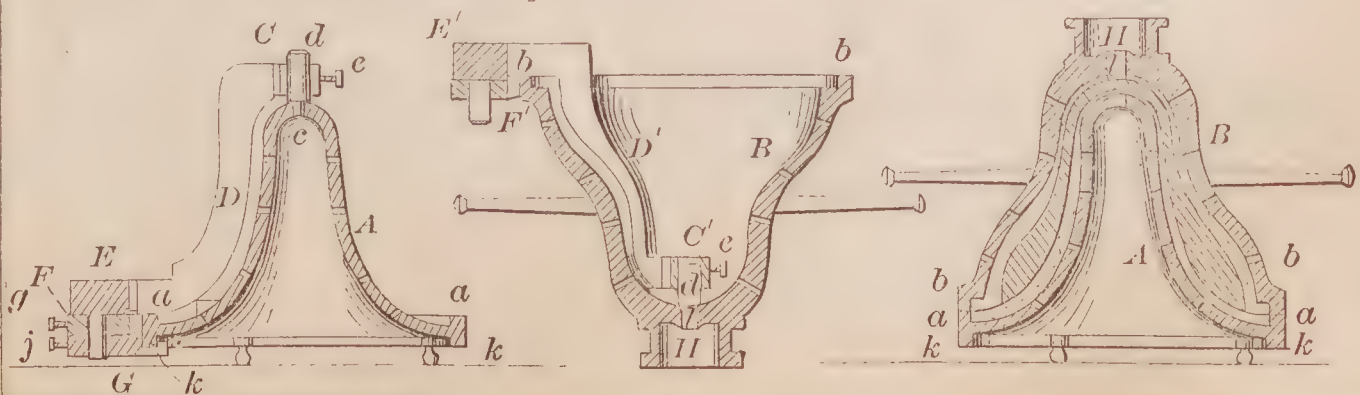
82093—D. Davies—*Forging Apparatus.*



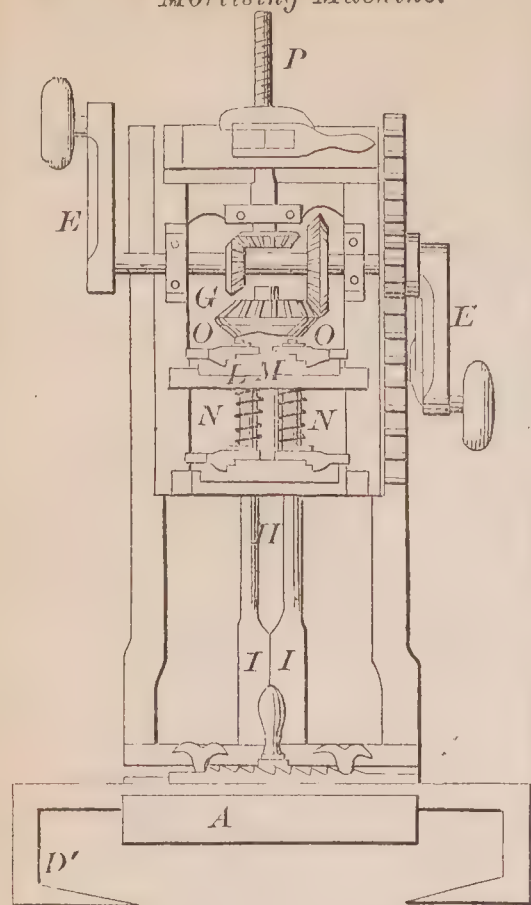
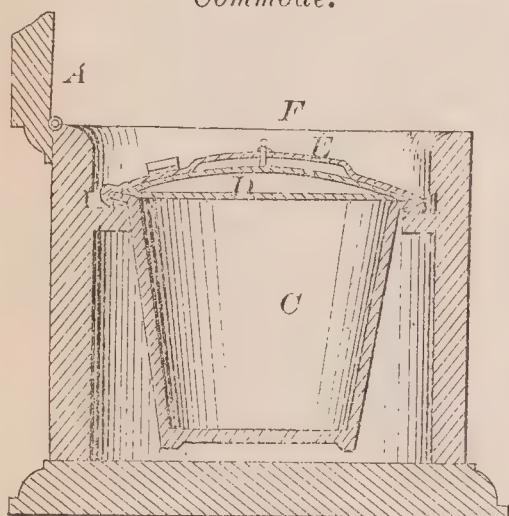
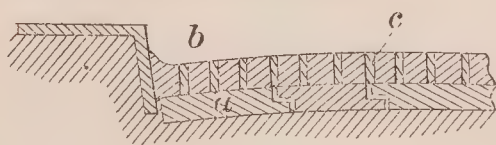
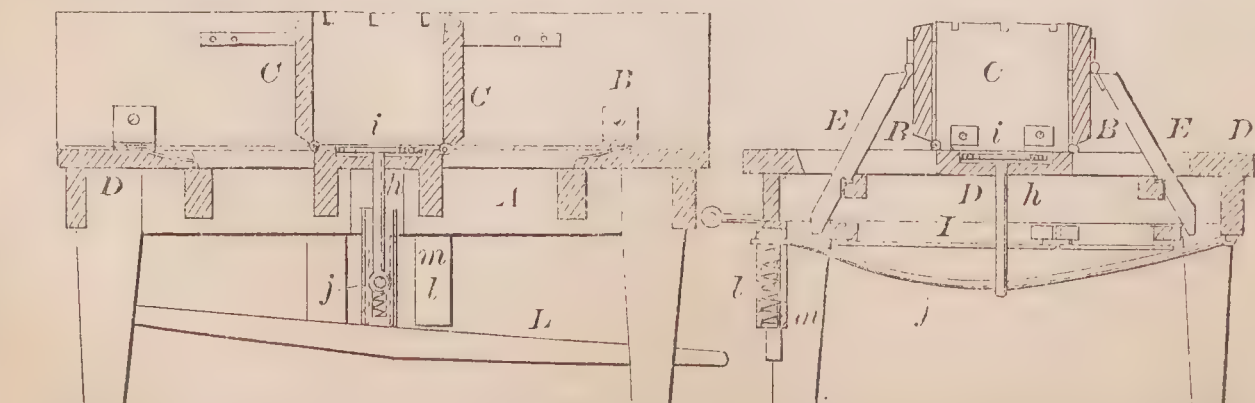
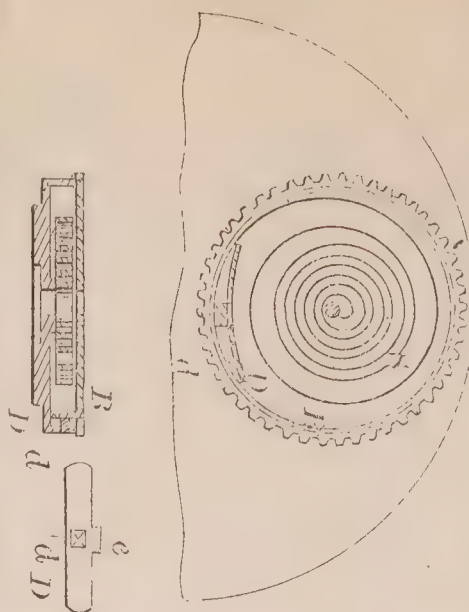
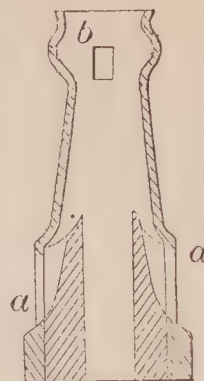
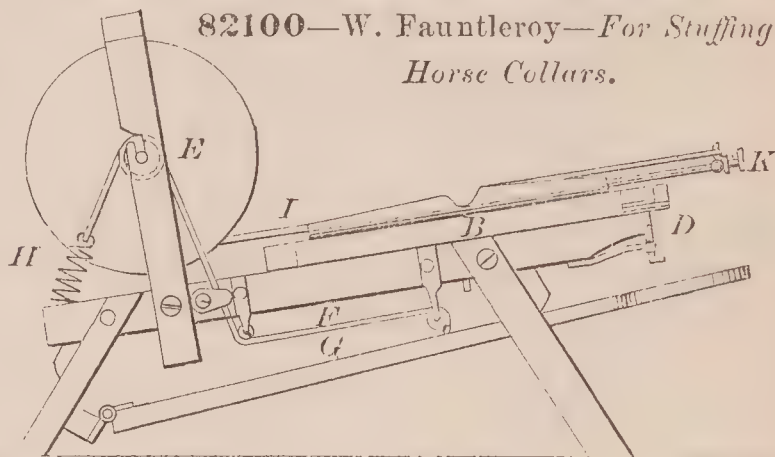
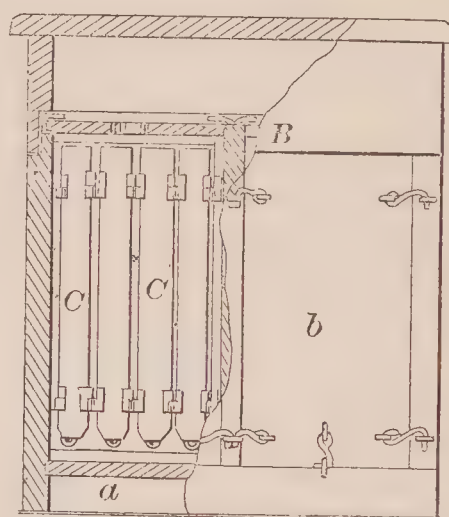
82095—F. J. Dibble—*Vise.*



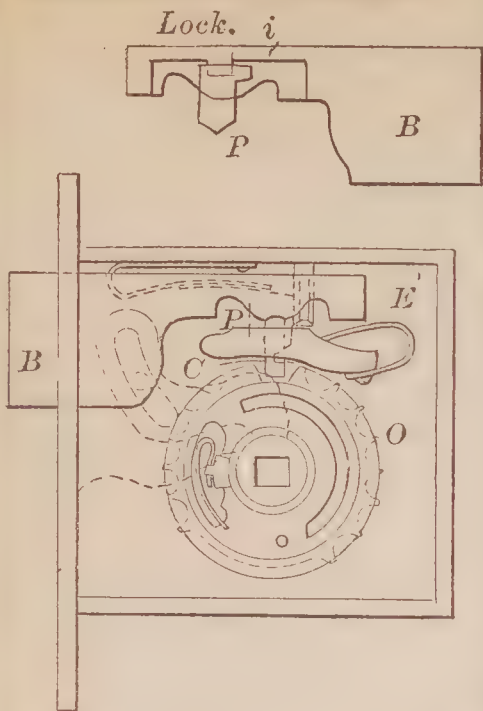
82094—W. H. Davis—*Moulding Bells.*



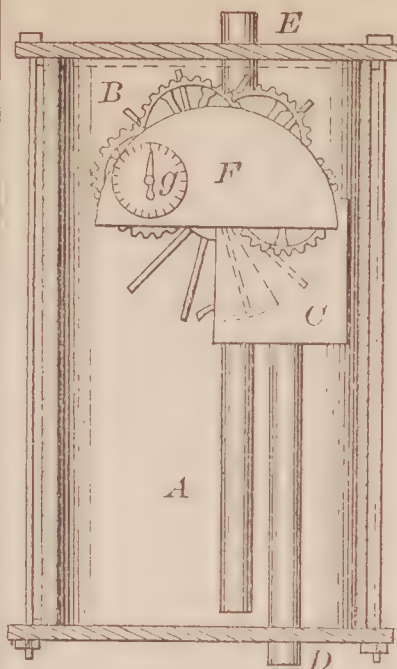


82096—J. J. Early—*Boring and Mortising Machine.*82099—E. S. Farson—*Chamber Commode.*82102—R. Foley—*Pavement.*82103—A. W. Fox—*For Pressing, Packing and Weighing Wool.*82097—J. Elson—*Watch Attachment.*82098—H. English—*Chimney Top.*82100—W. Fauntleroy—*For Stuffing Horse Collars.*82101—O. Field—*Beehive.*

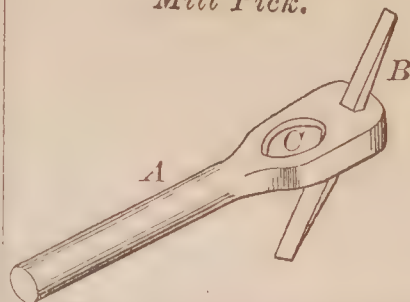
82104—C. R. C. French—



82105—C. A. & G. W. Geissenhauer—Meter.



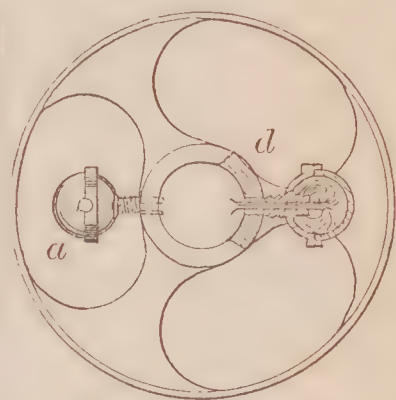
82107—H. H. Gillett—  
Mill Pick.



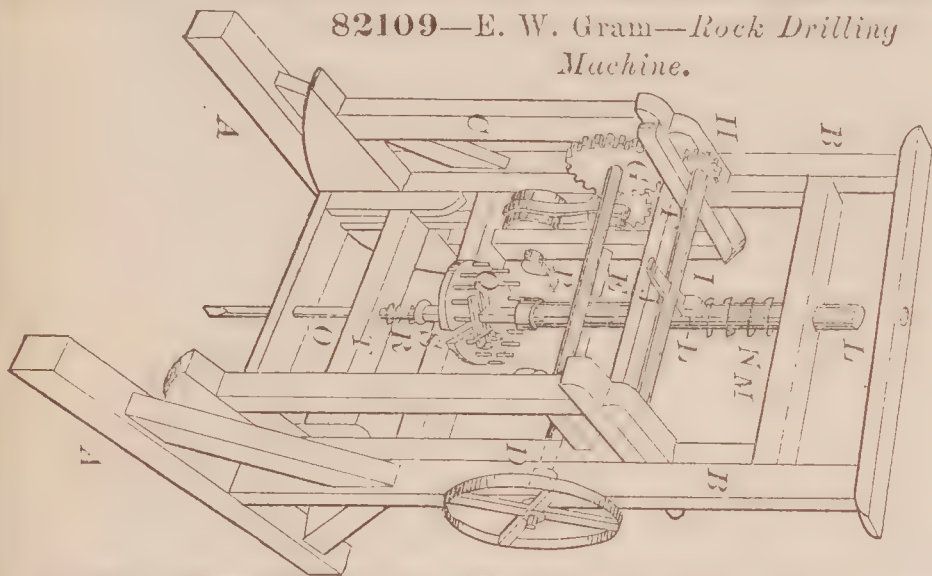
82108—P. D. F. Goewey—  
Cupboard Catch.



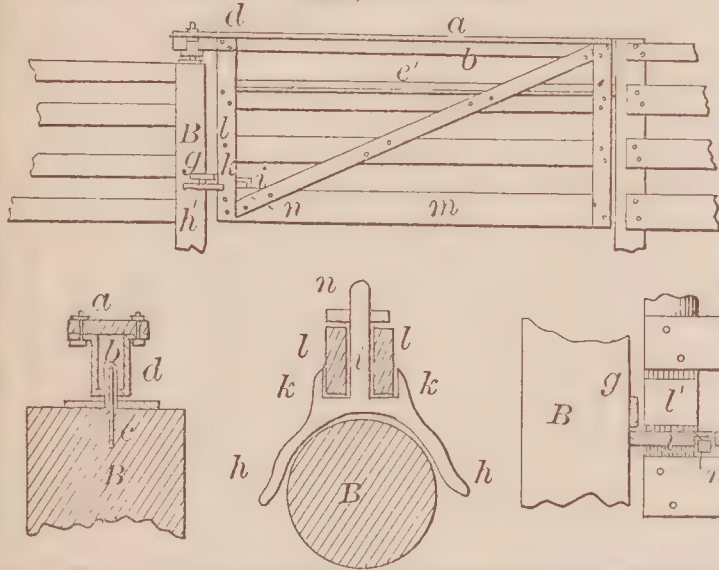
82110—J. H. Gray—  
Lubricating Pulleys.



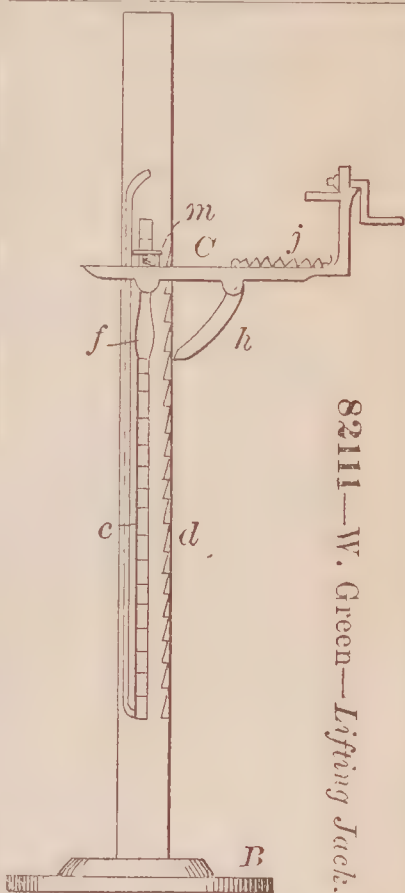
82109—E. W. Gram—Rock Drilling  
Machine.



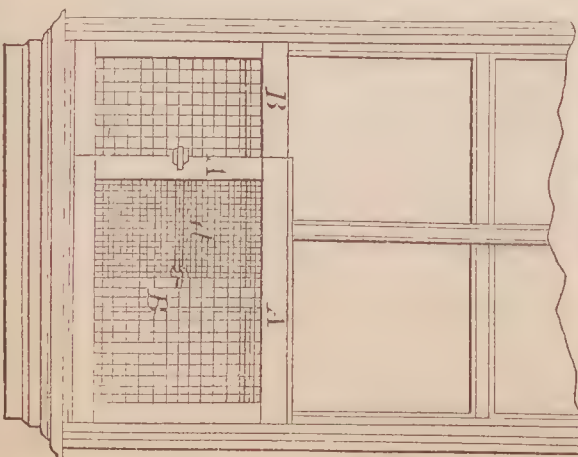
82112—W. W. Green, Jr.—Gate.



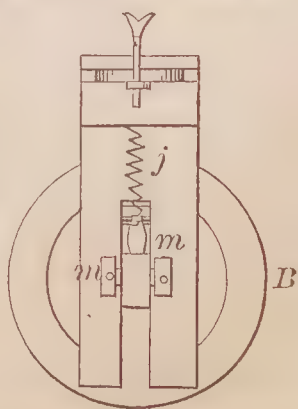
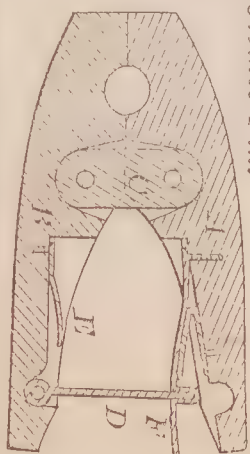
82111—W. Green—Lifting Jack.



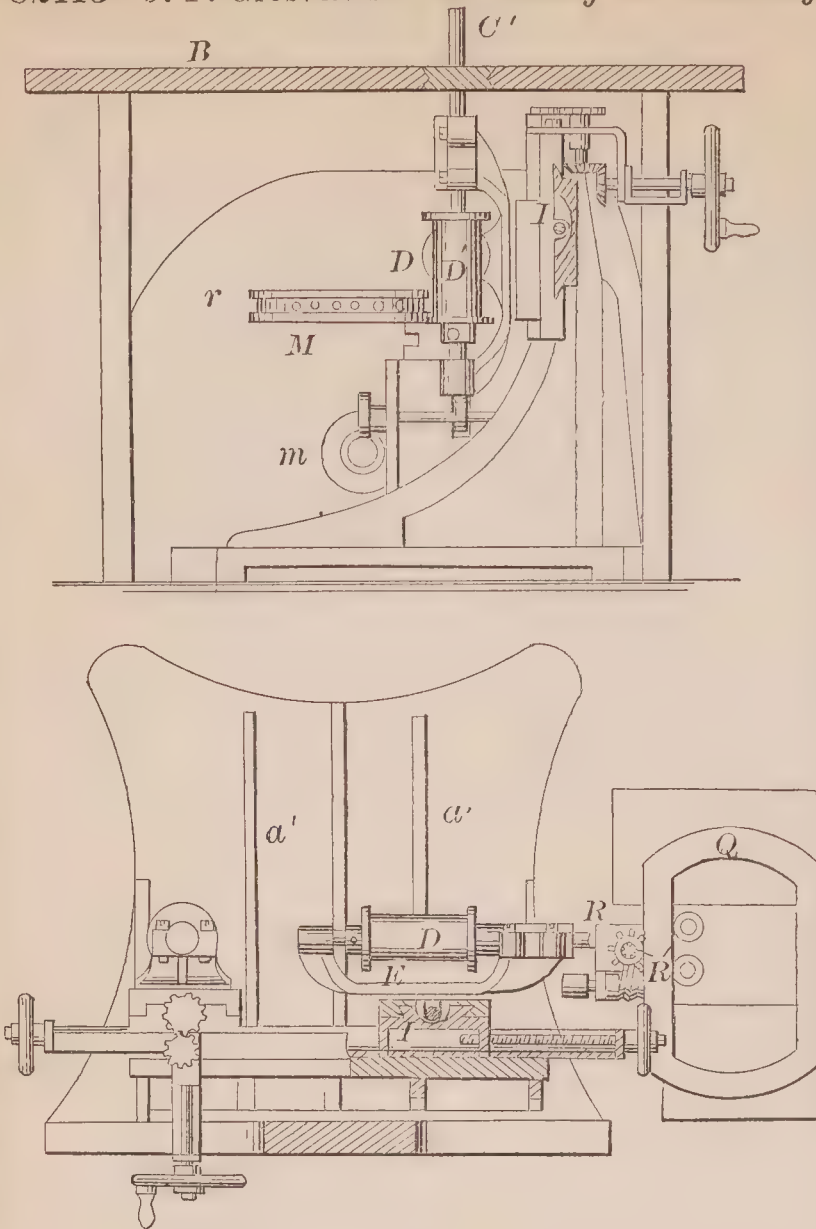
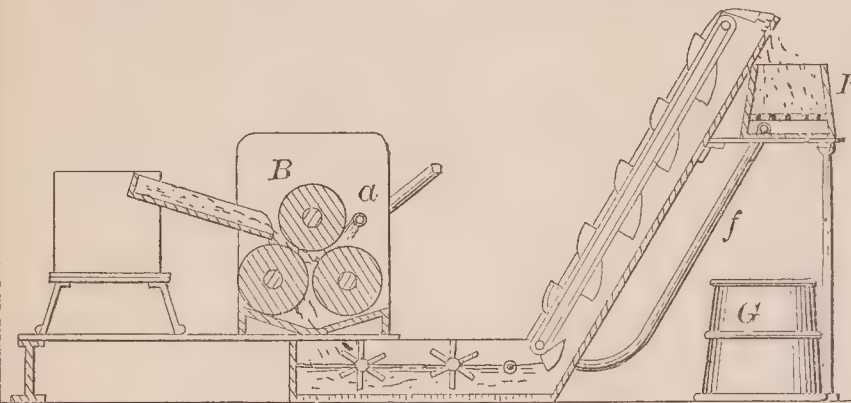
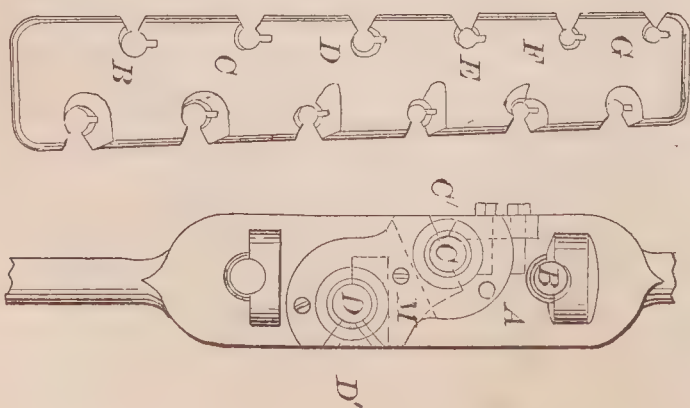
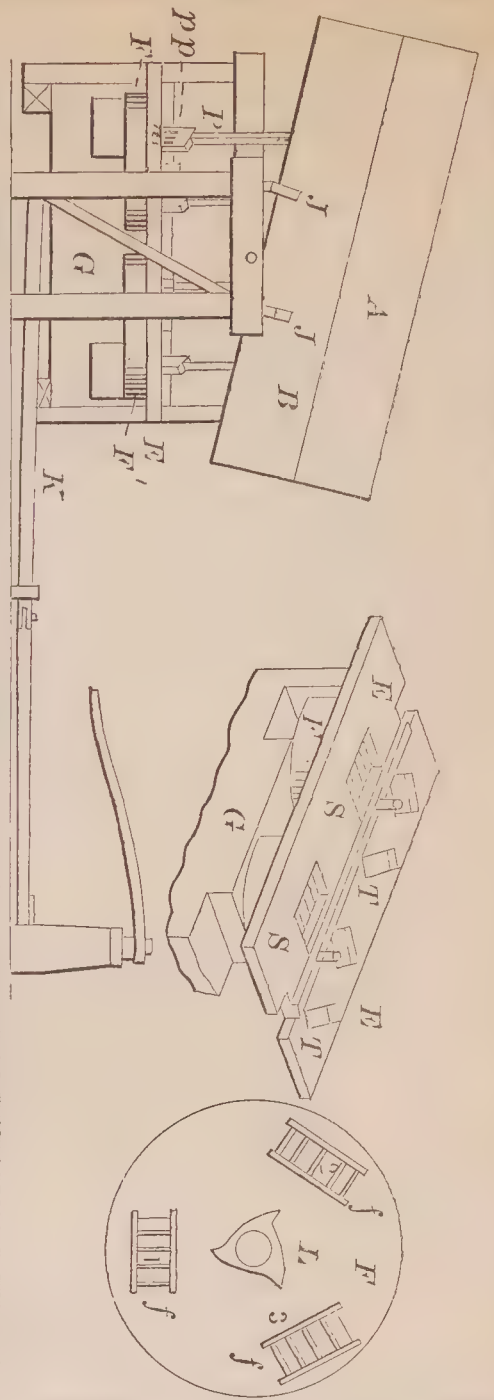
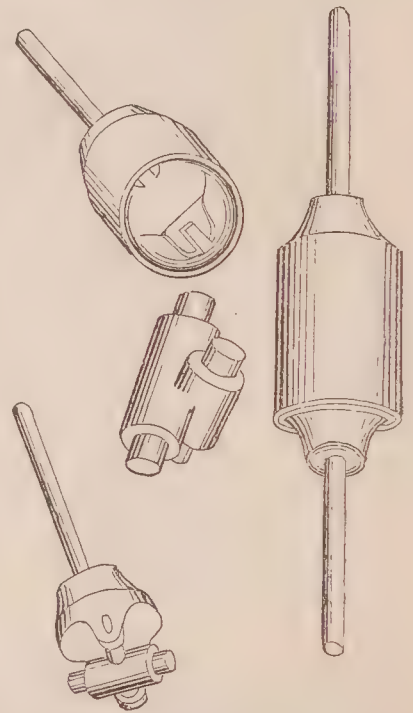
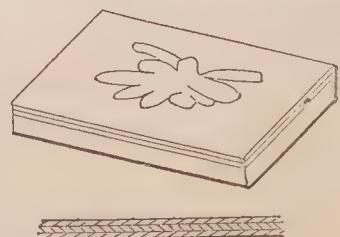
82115—F. Hatch—Screen.



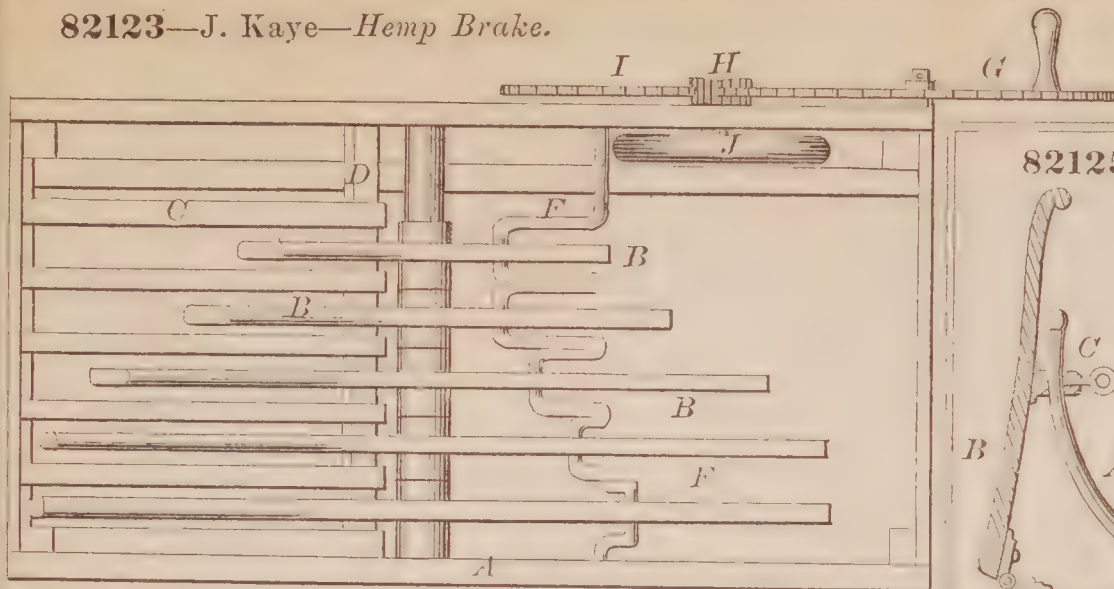
82114—Haigney & Hedman—  
Clothes Pin.



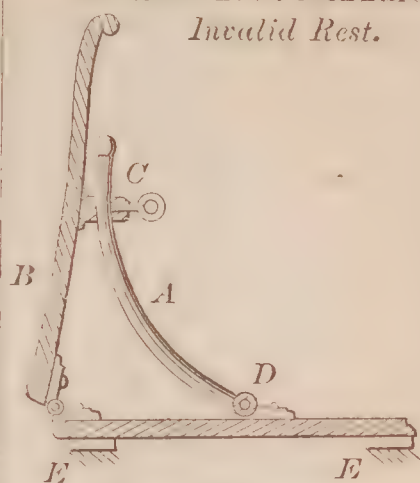


82113—J. P. Grosvenor—*For Planing and Moulding.*82121—T. W. Johnson—*Extracting Tan Bark.*82118—A. Hoermann—*Die.*82116—D. Hess—*Brick Machine.*82117—J. Heuermann—*Coupling.*82119—Howell, Finn & Duy—*Floor Covering.*

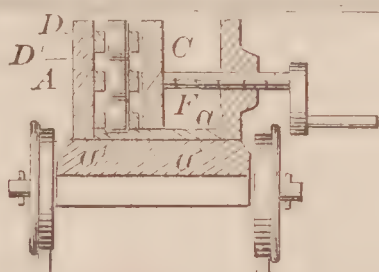
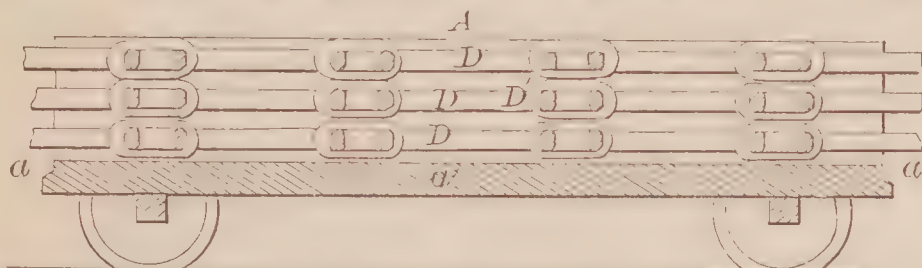
82123—J. Kaye—Hemp Brake.



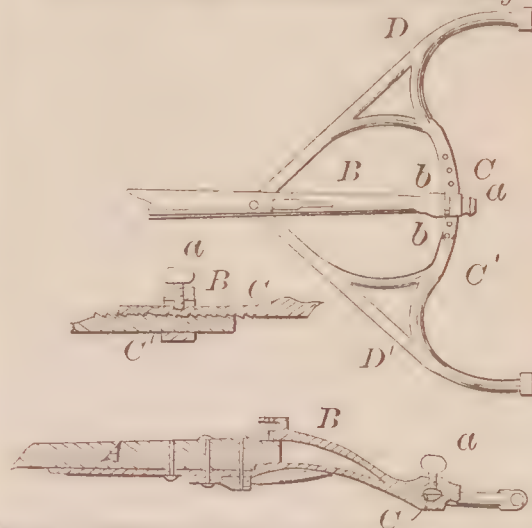
82125—T. S. Kennard—Invalid Rest.



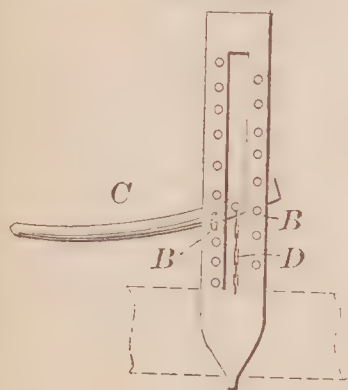
82124—P. Kendrick—For Blocking Chains.



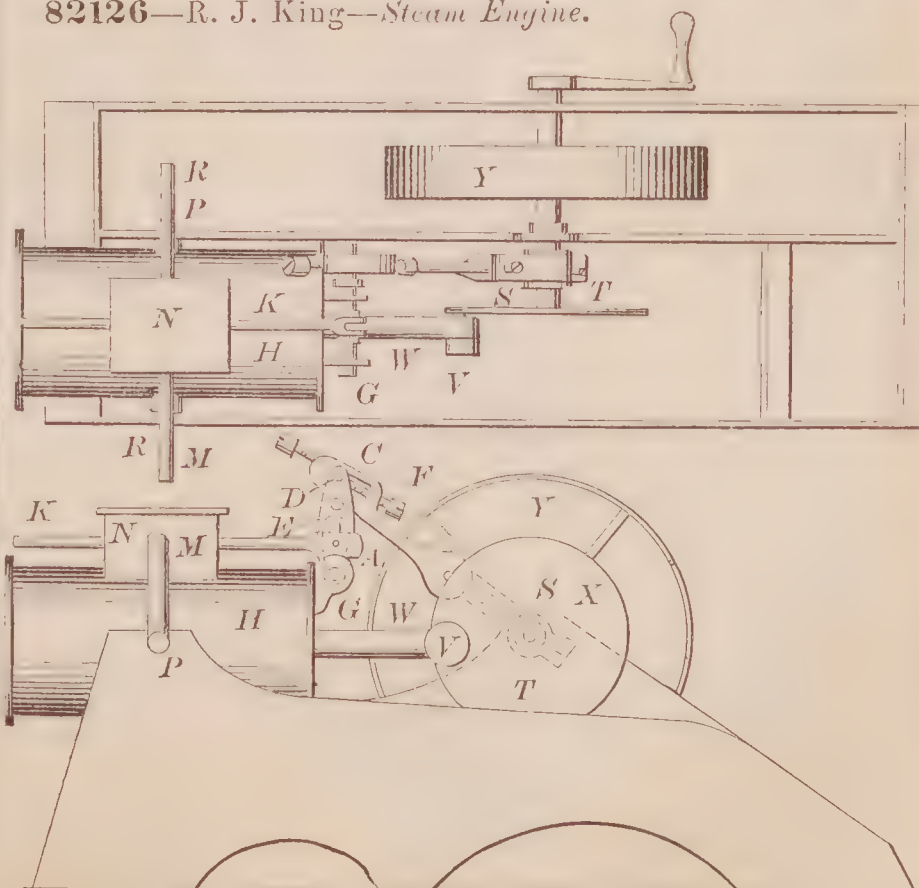
82127—M. A. Koon—Carriage Pole.



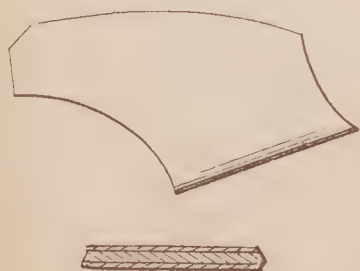
82128—A. Kriebel—Lifting Machine.



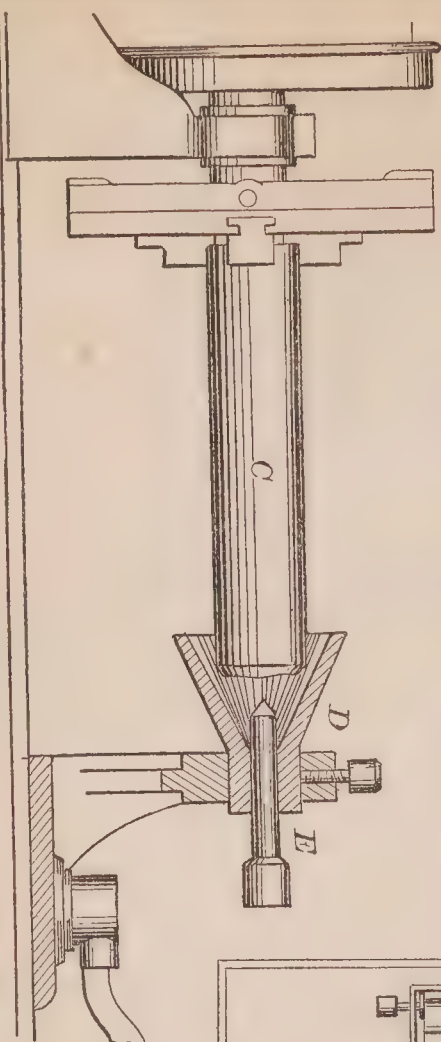
82126—R. J. King—Steam Engine.



82130—J. Lane—Plow and Cultivator.

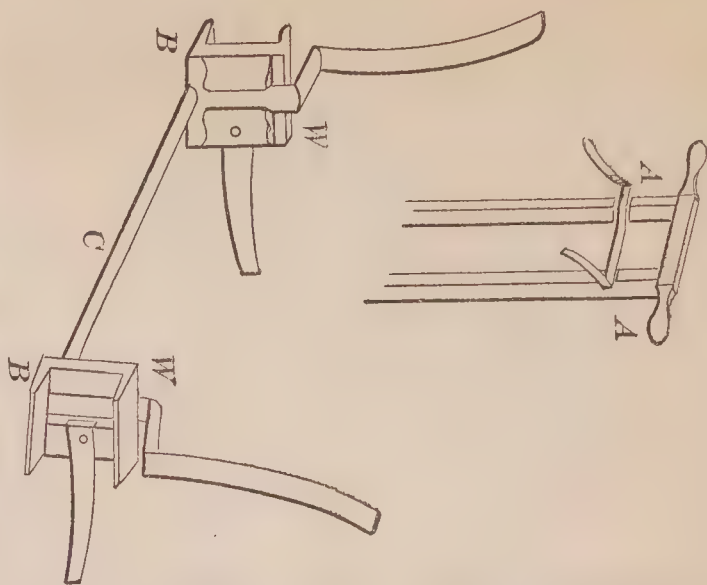




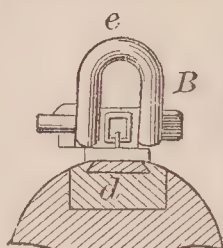
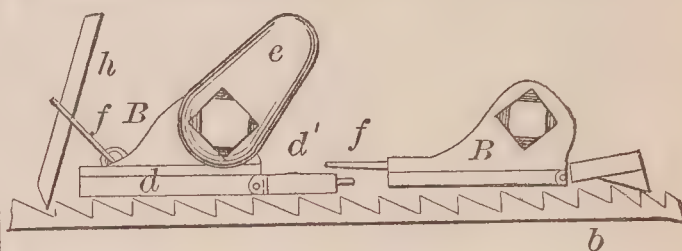


82131—E. E. Lazell—Centering Device.

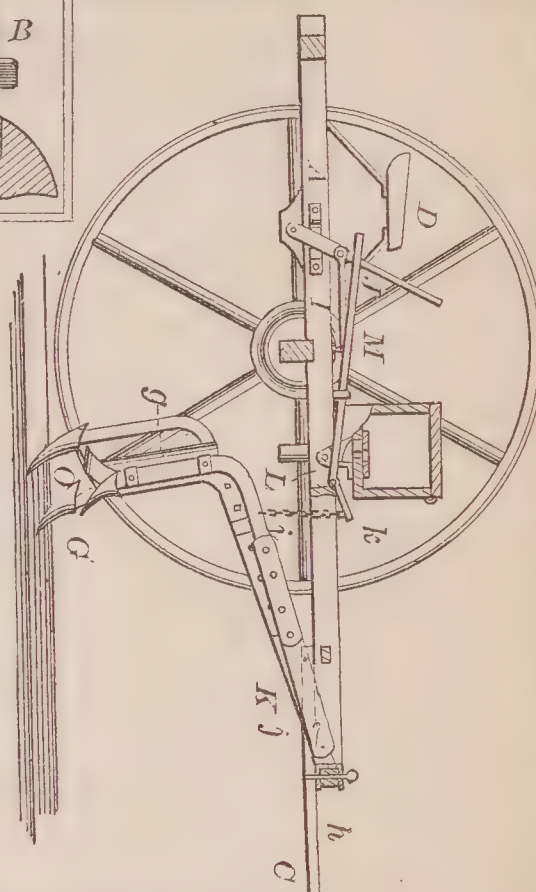
82132—J. S. Lehman—Bag Holder and Truck.



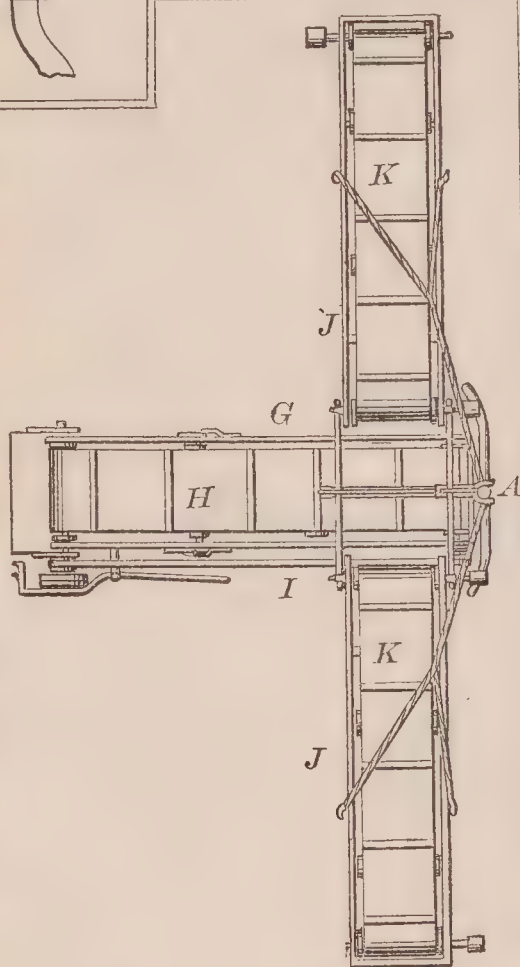
82133—Leighton &amp; Cole—Out Haul for Booms.



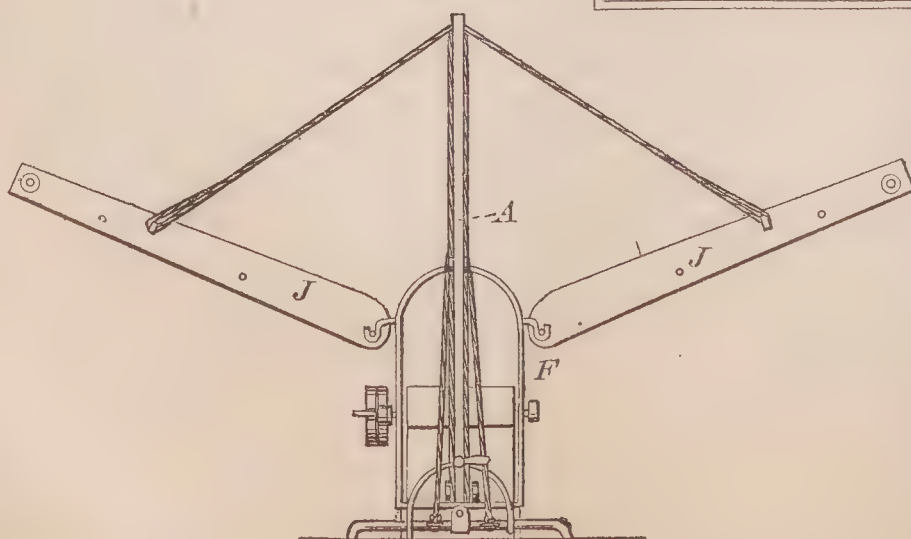
82137—J. S. Mason—Planter and Cultivator.



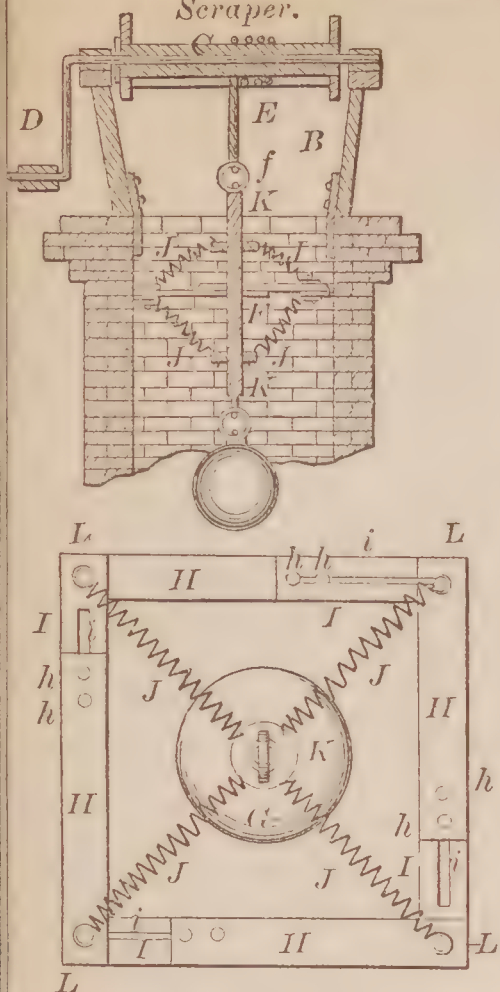
82135—A. W. Lockhart—For Conducting Grain to Threshing Machines.



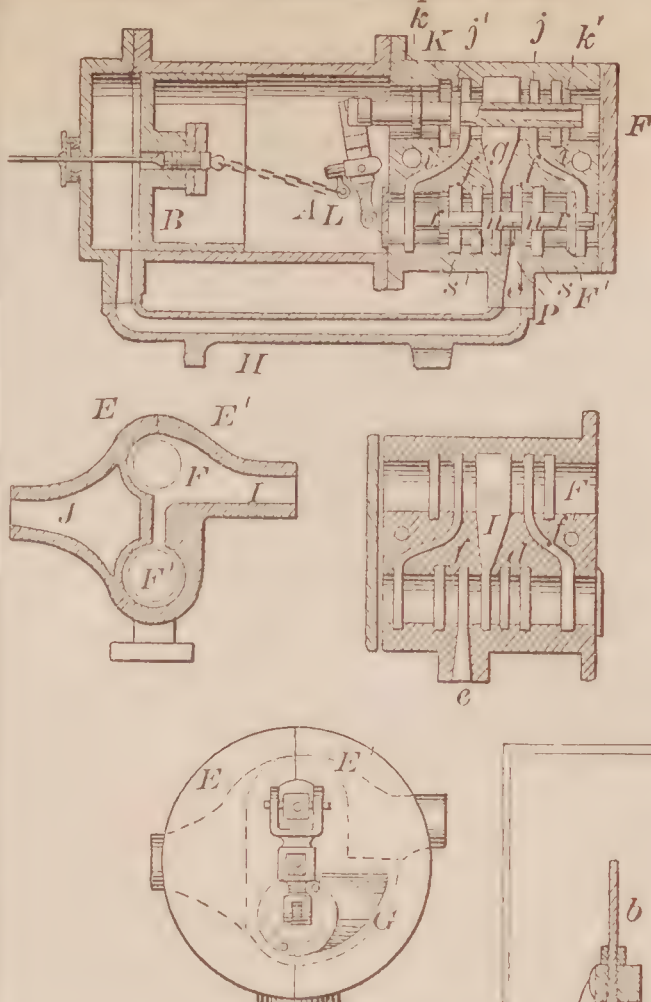
82134—J. J. Levy—Card.



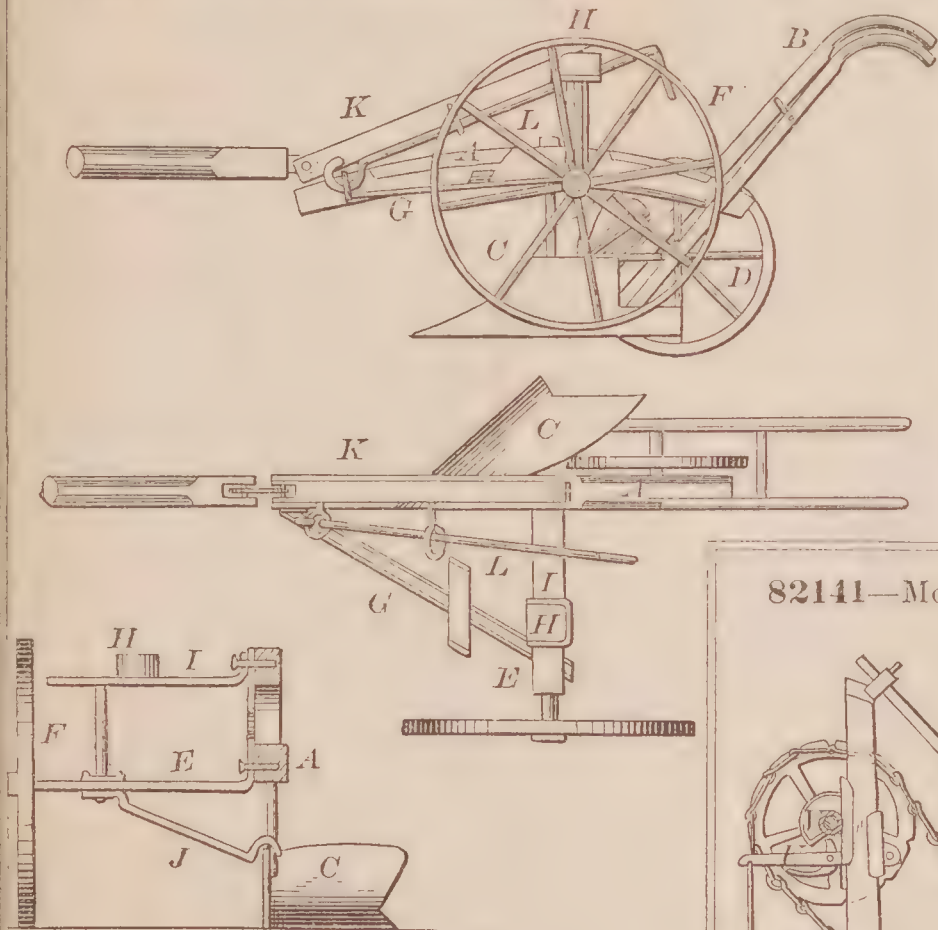
82136—S. K. Luce—*Chimney Scraper.*



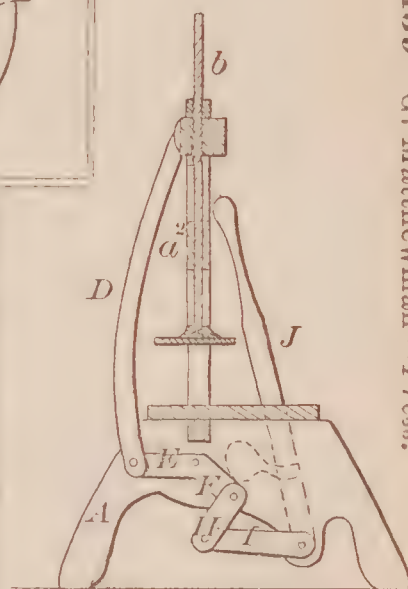
82138—J. Mason—*Liquid Meter.*



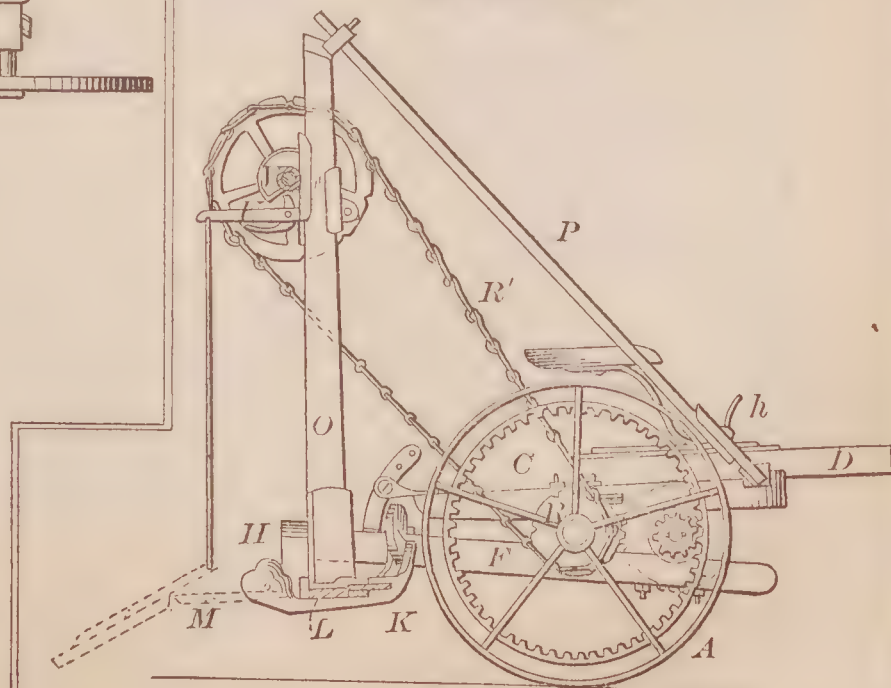
82140—J. R. McConnell—*Sulky Plow.*



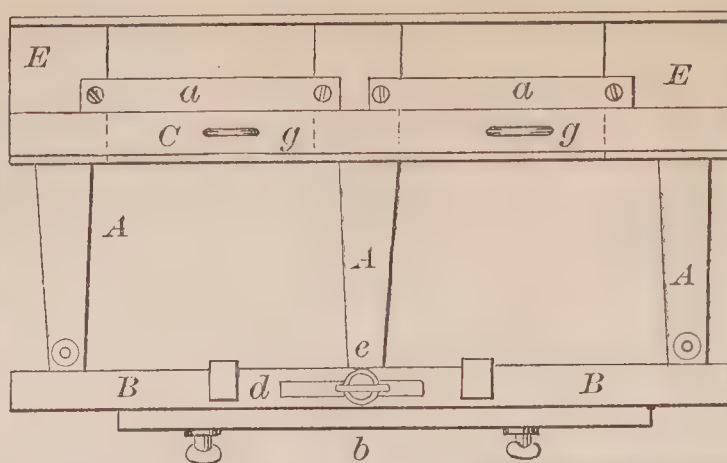
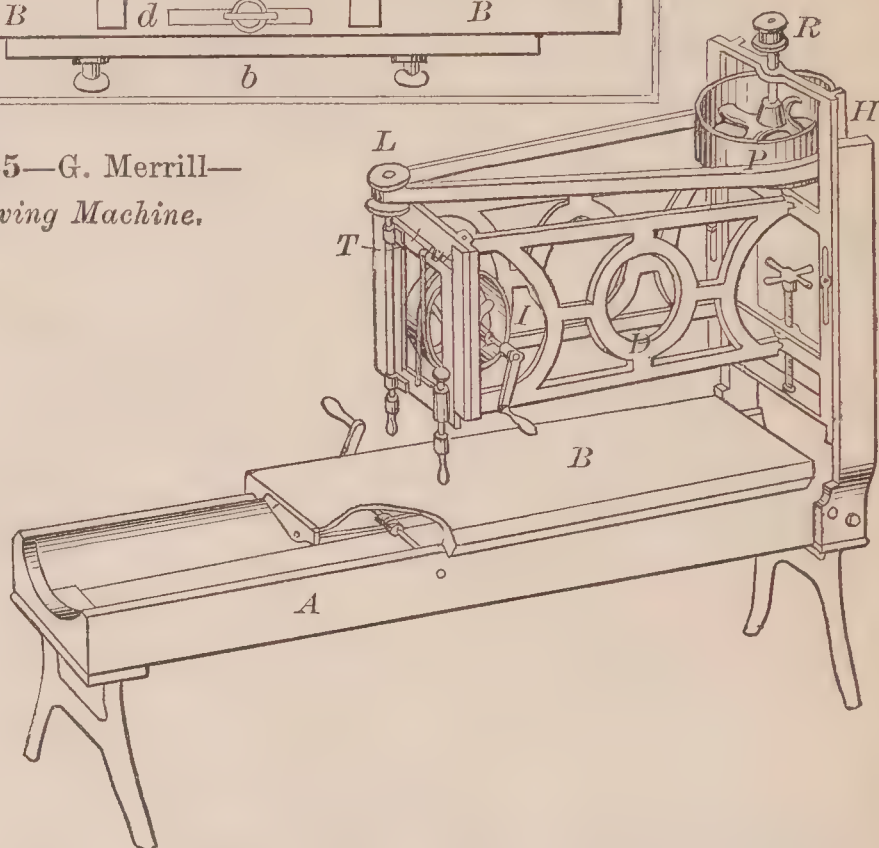
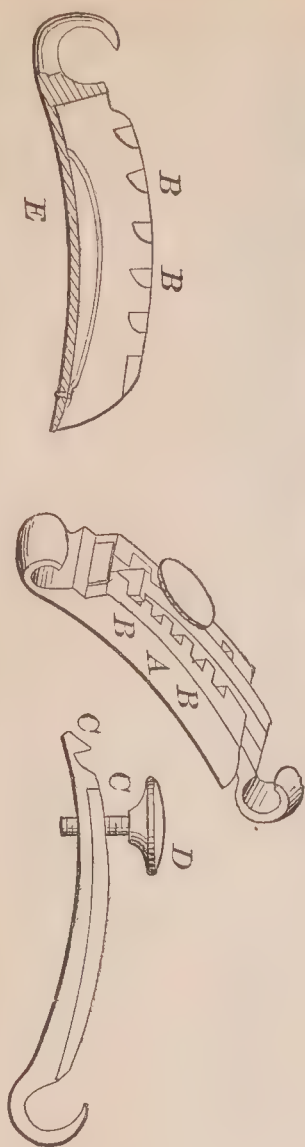
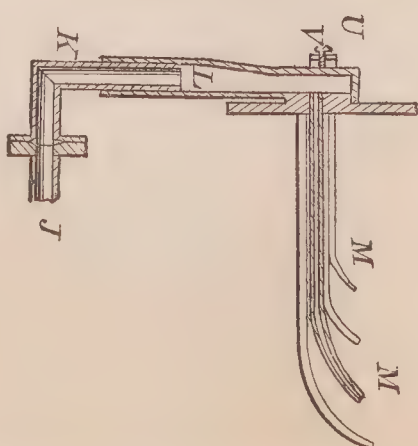
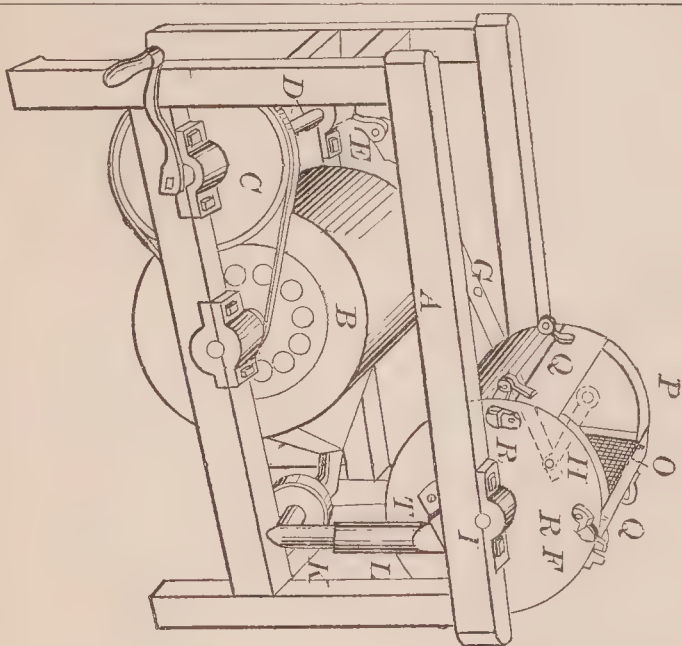
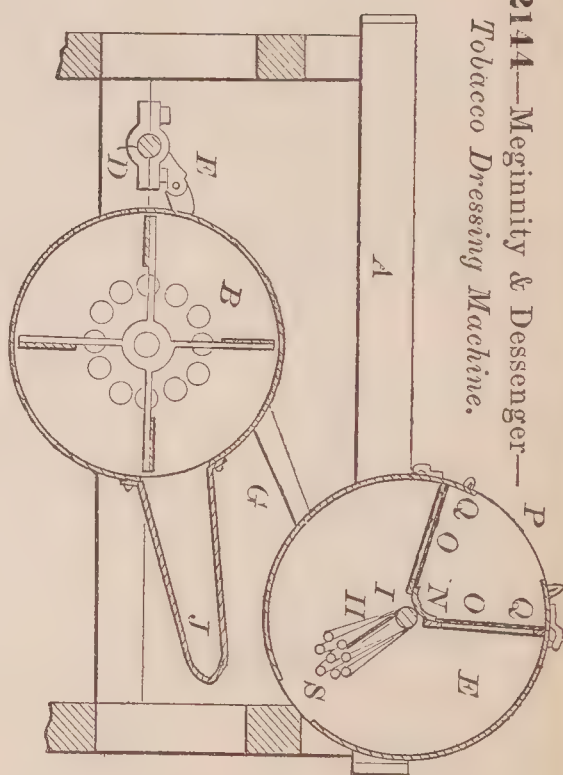
82139—G. Mathewman—*Press.*

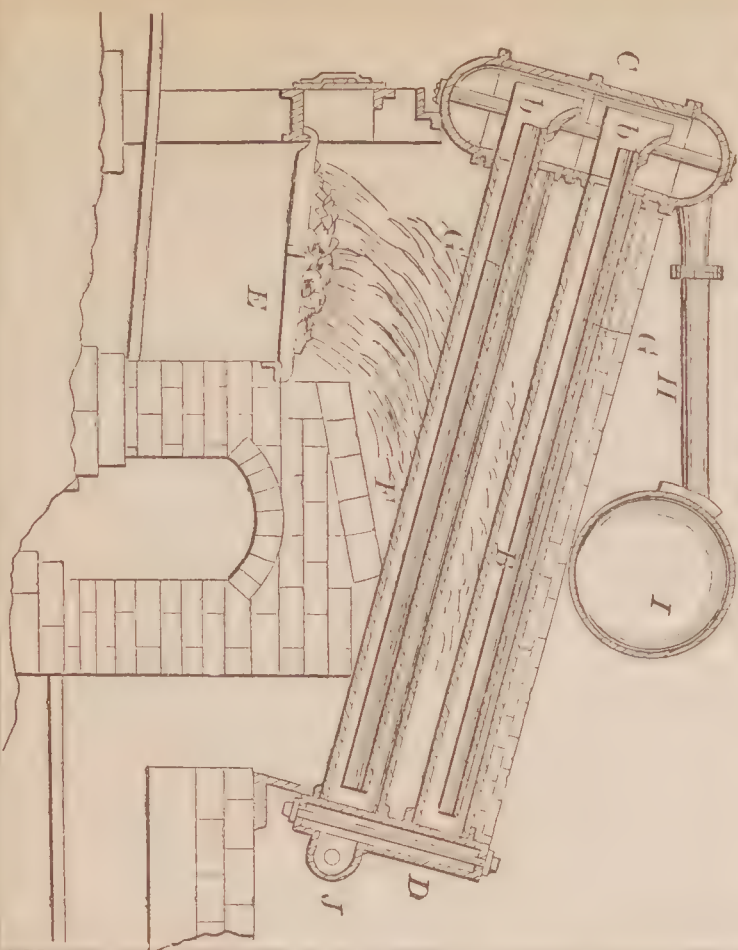


82141—McCormick, Baker & Erpelding—*Harvester Rake.*



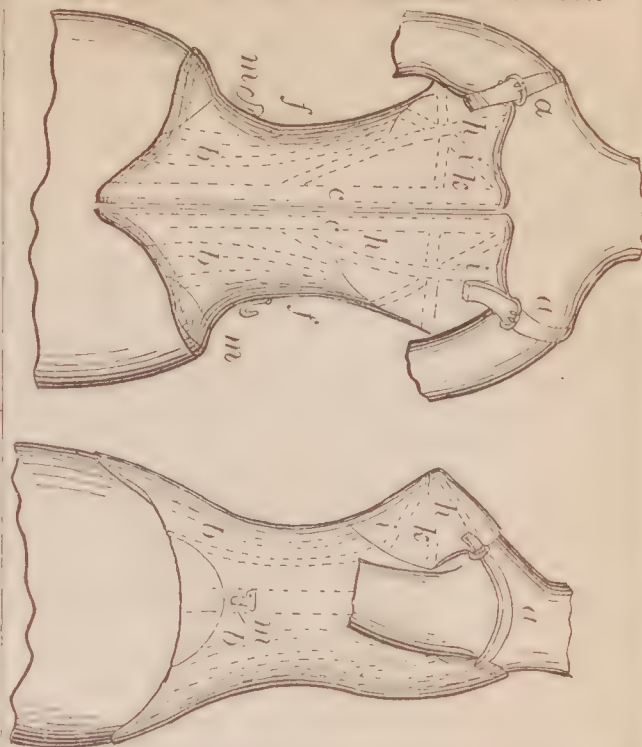


82143—W. McKnight—*Tenoning Machine.*82145—G. Merrill—*Carving Machine.*82142—R. R. McDonald—*Hames Fastener.*82144—Meginity & Dessenger—*Tobacco Dressing Machine.*

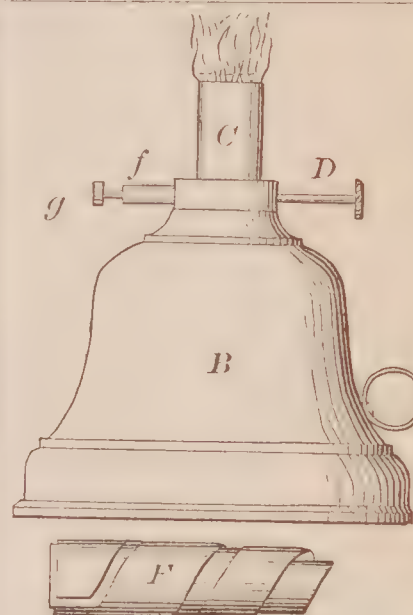
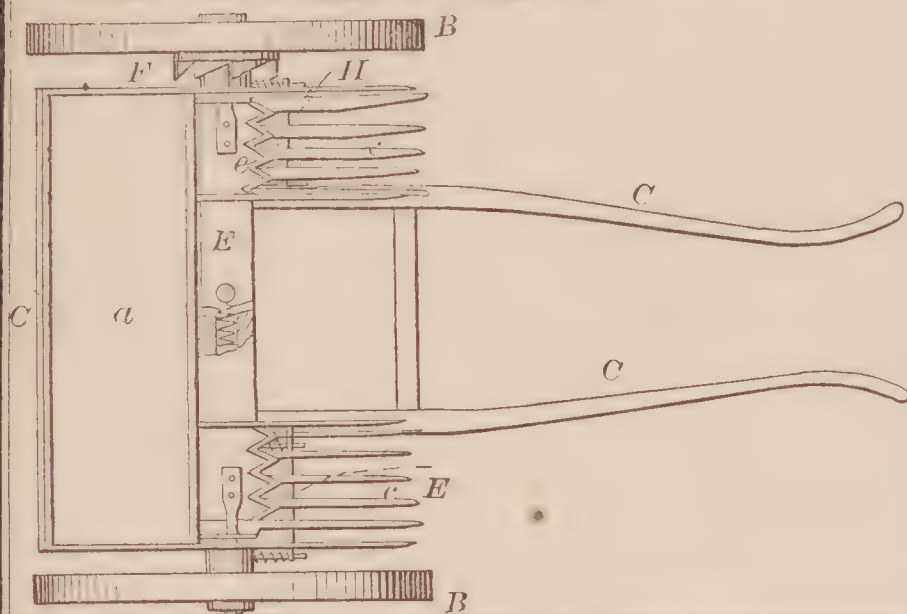


82146—T. H. Müller—Steam Generator.

82147—W. W. Netterfield—Corset.



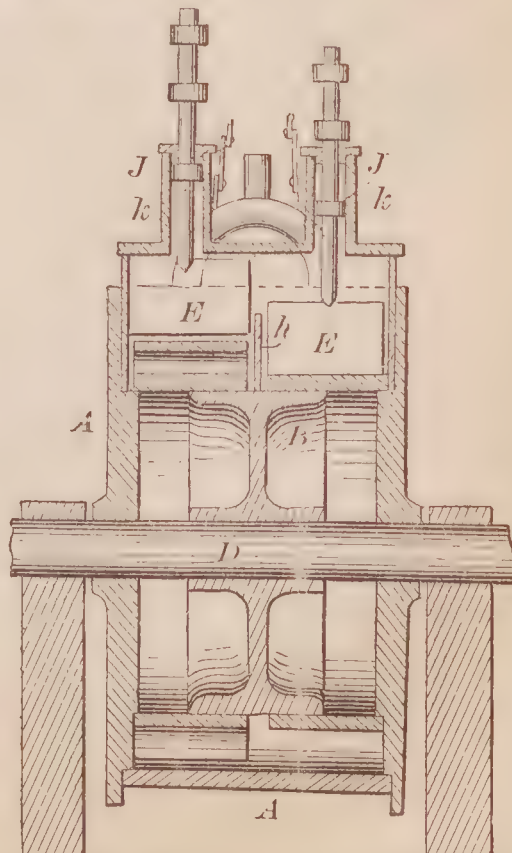
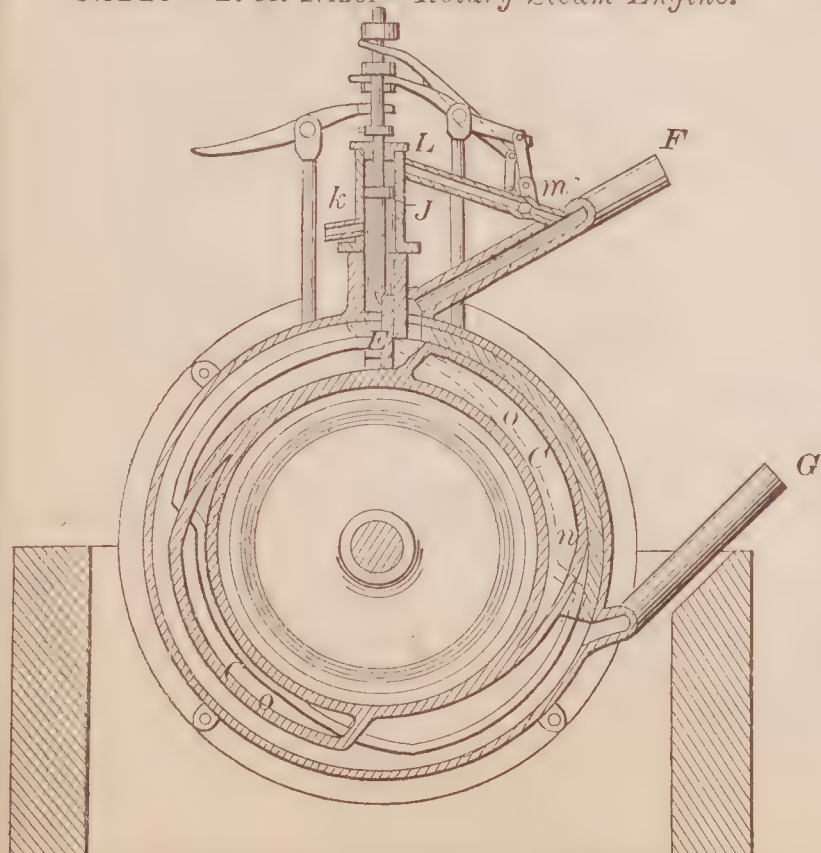
82148—N. Newman—Corn Harvester.



82150—J. E. Noyes—Lamp.

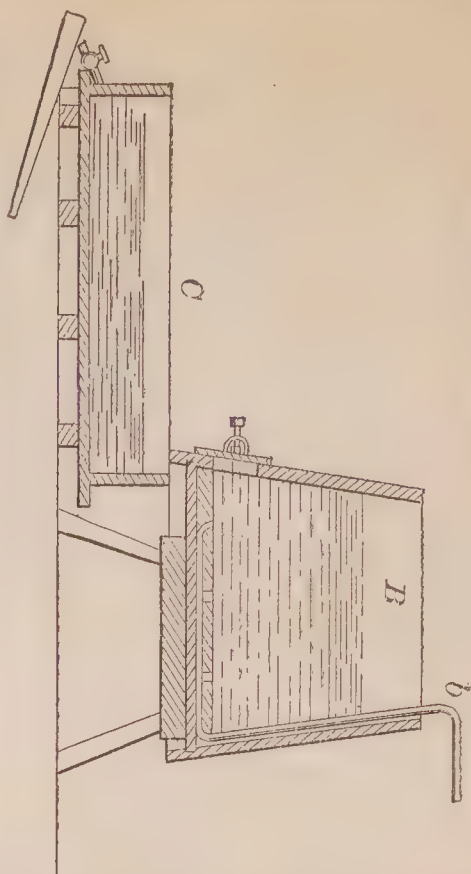


82149—T. A. Nizer—Rotary Steam Engine.

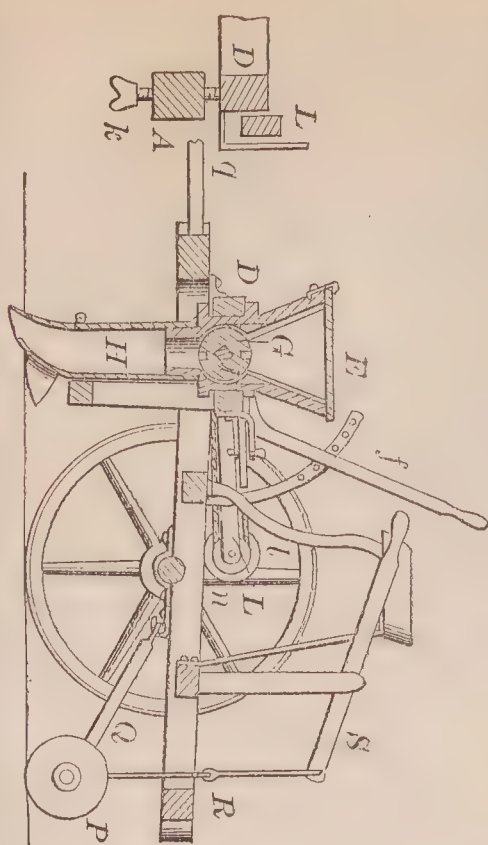




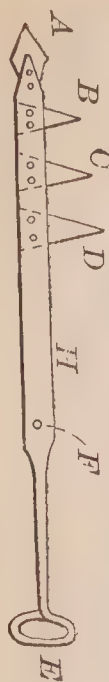
82154—Page & Krauss—Preparing  
Sulphate of Baryles.



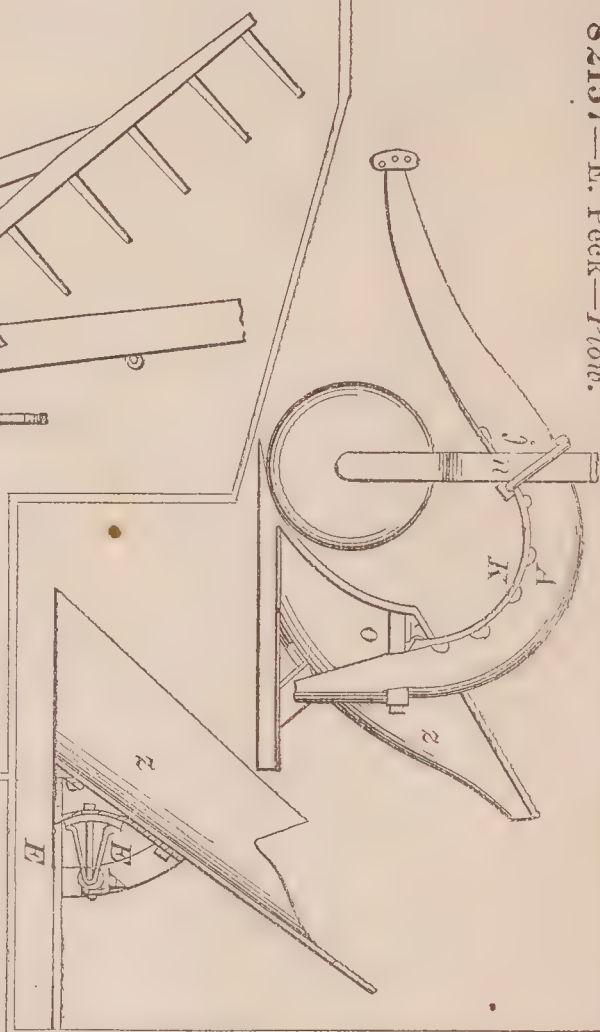
82153—R. F. Osgood—Seed Planter.



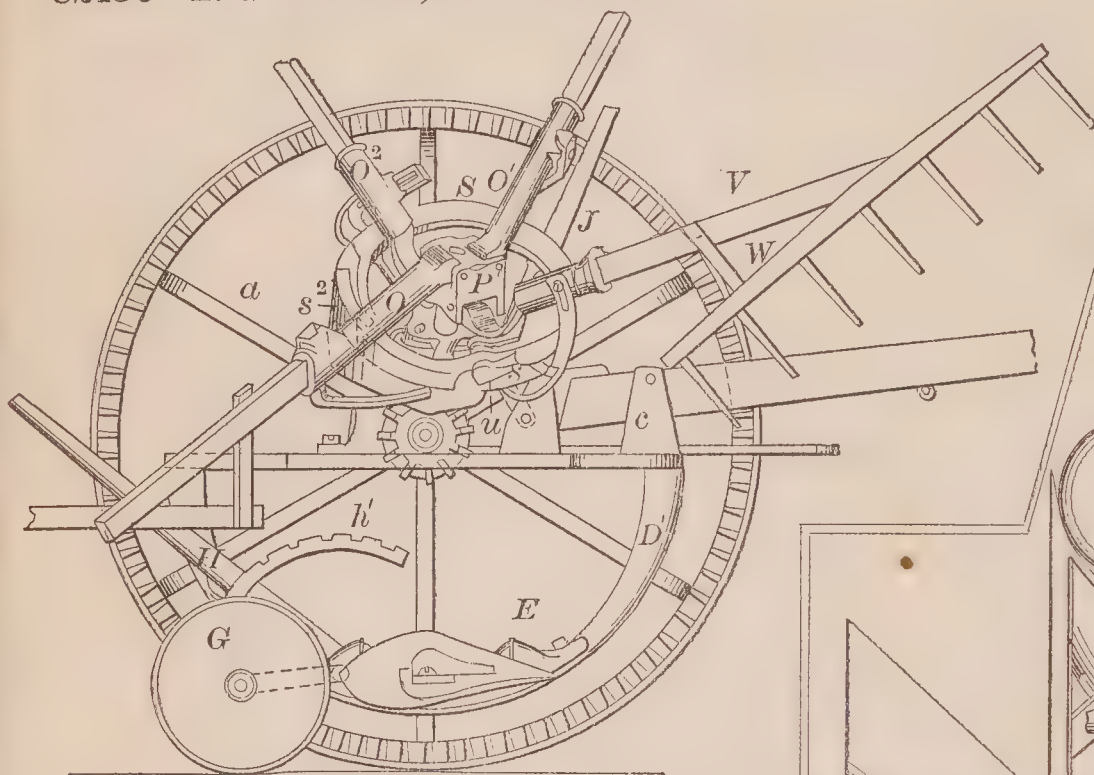
82152—J. Offner—Hay Knife.



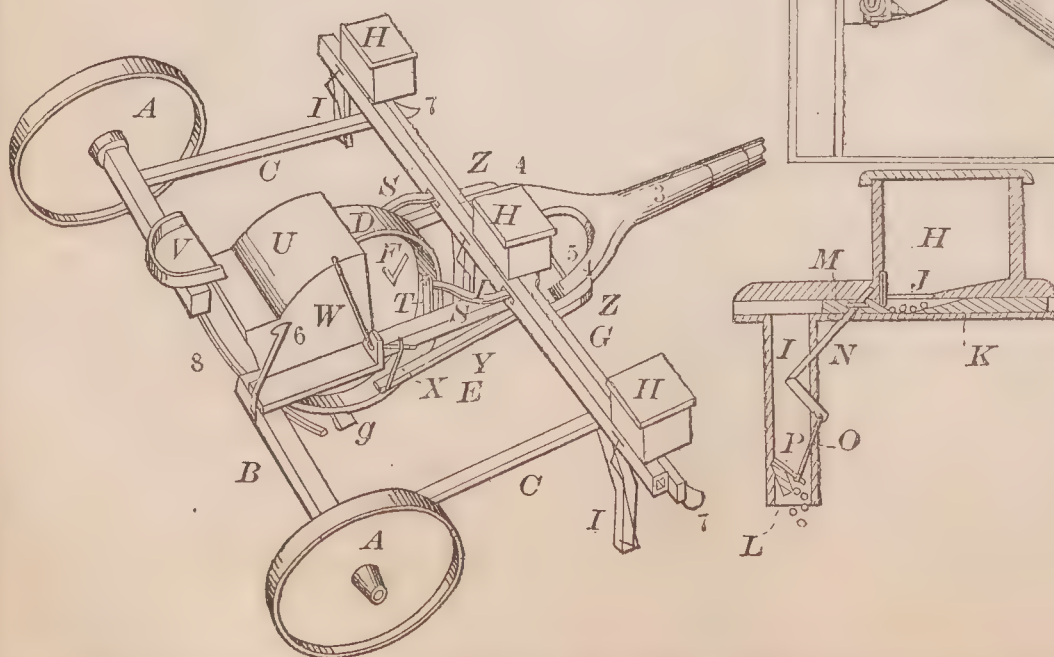
82157—E. Peck—Plow.



82156—E. G. Passmore, Jr.—Harvester.

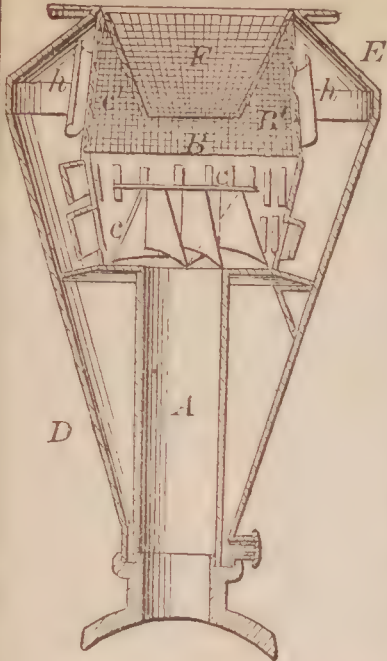


82155—G. F. Partridge—Corn Planter.

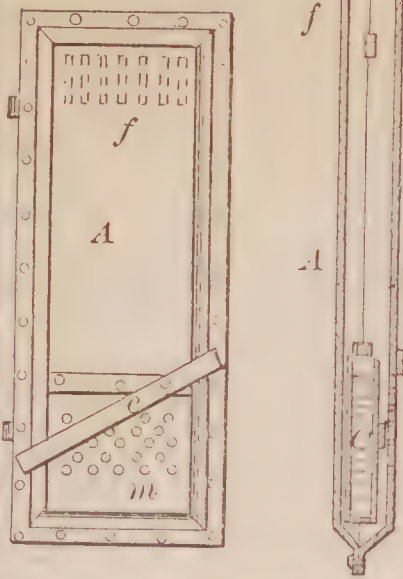




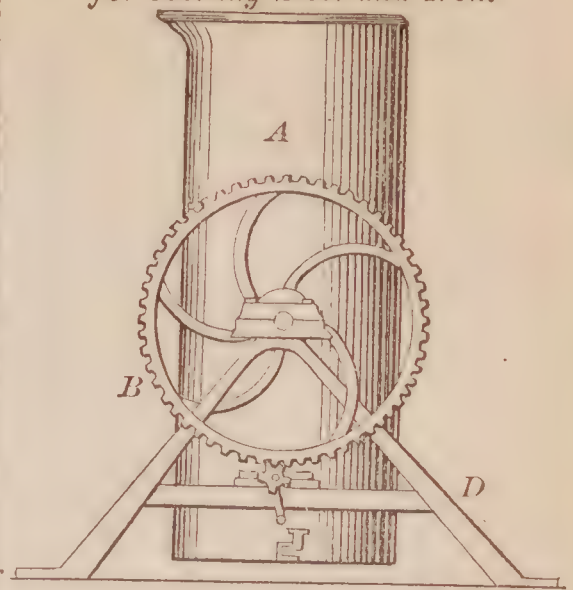
82158—T. P. Peck—  
*Smoke Stack.*



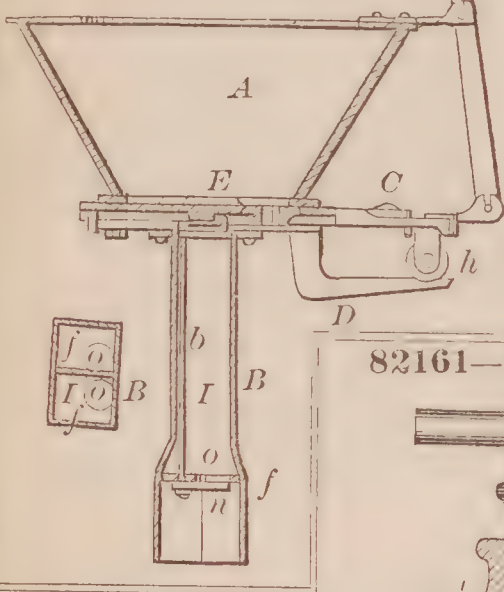
82159—E. Perkins—  
*Shutter.*



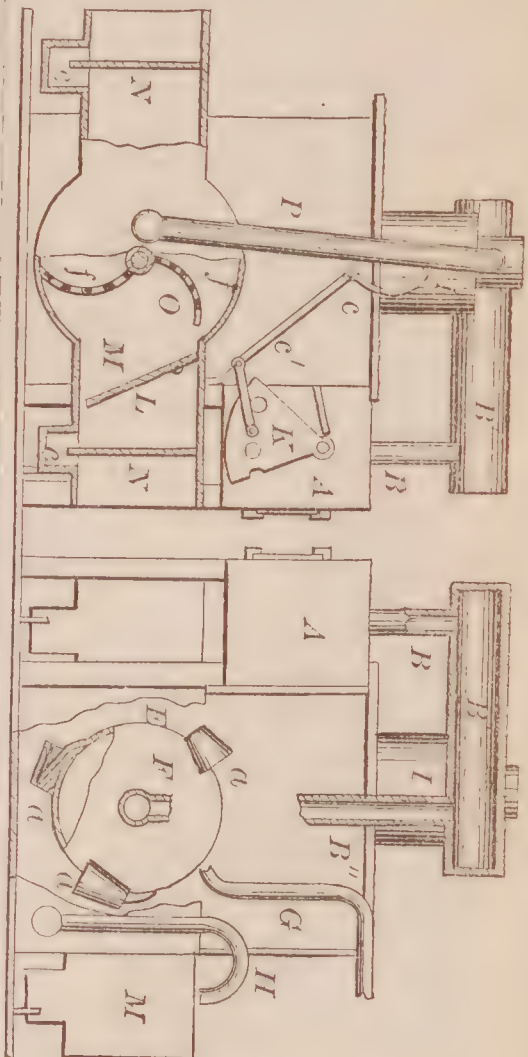
82160—E. R. Playle—*Furnace.*  
*for Melting Steel and Iron.*



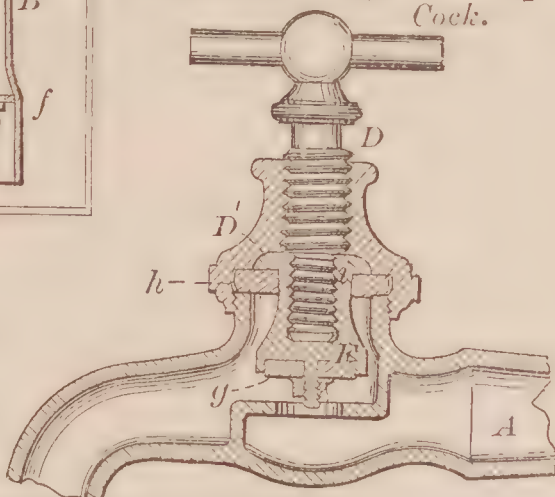
82162—J. Selby—*Corn Planter.*



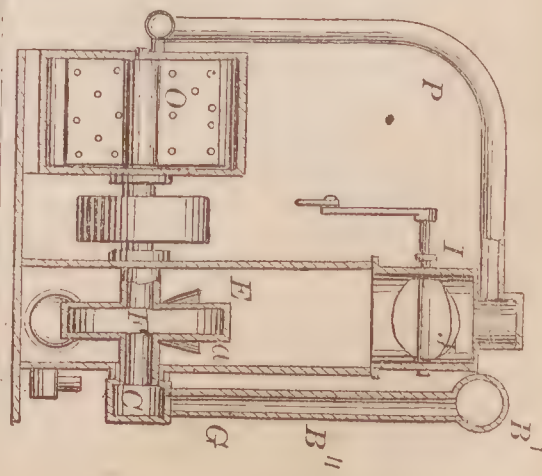
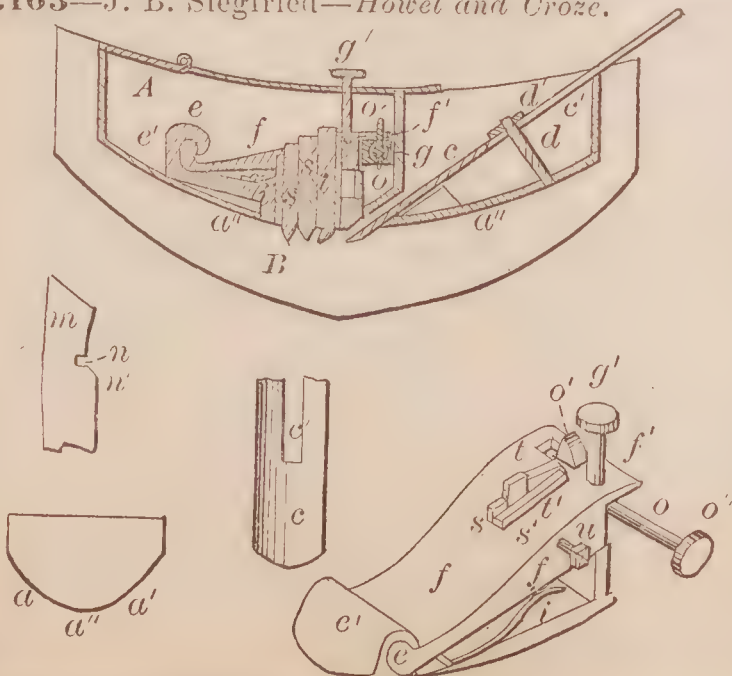
82164—E. Skelly—*For*  
*Impregnating Liquids with*  
*Sulphurous Acid Gas.*



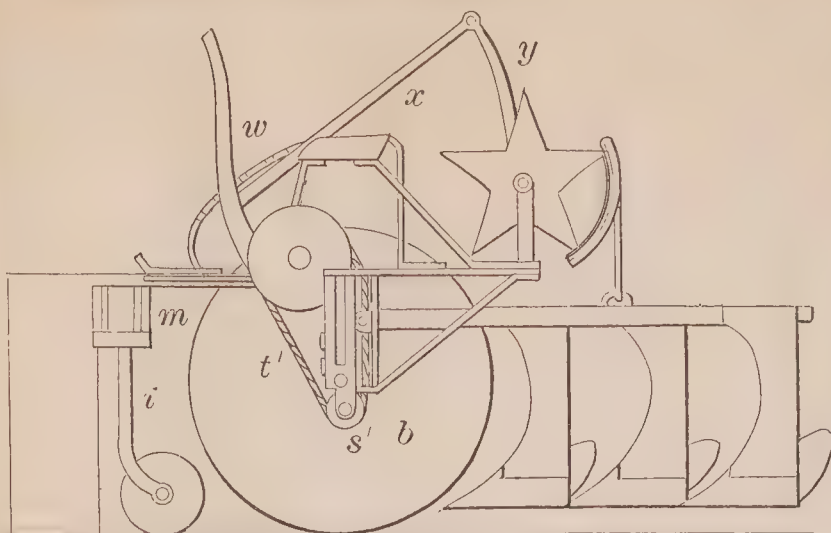
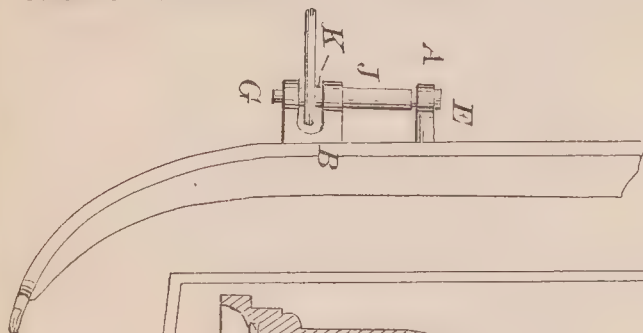
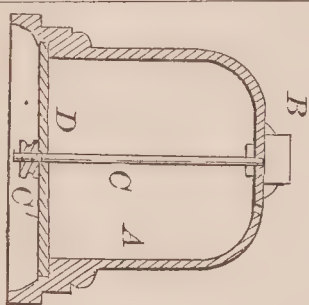
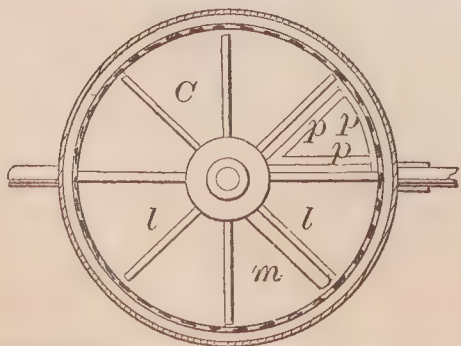
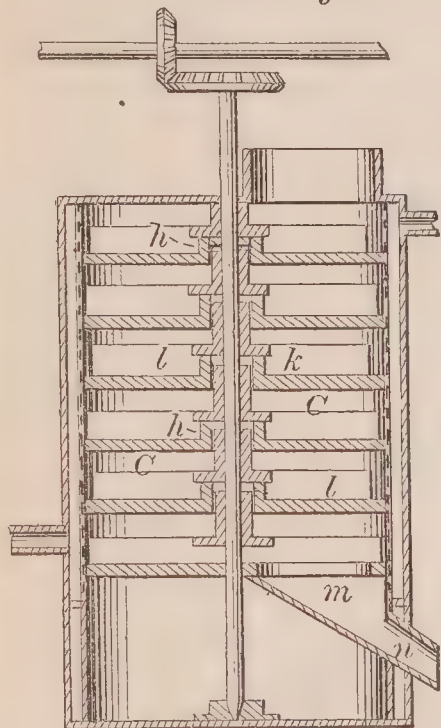
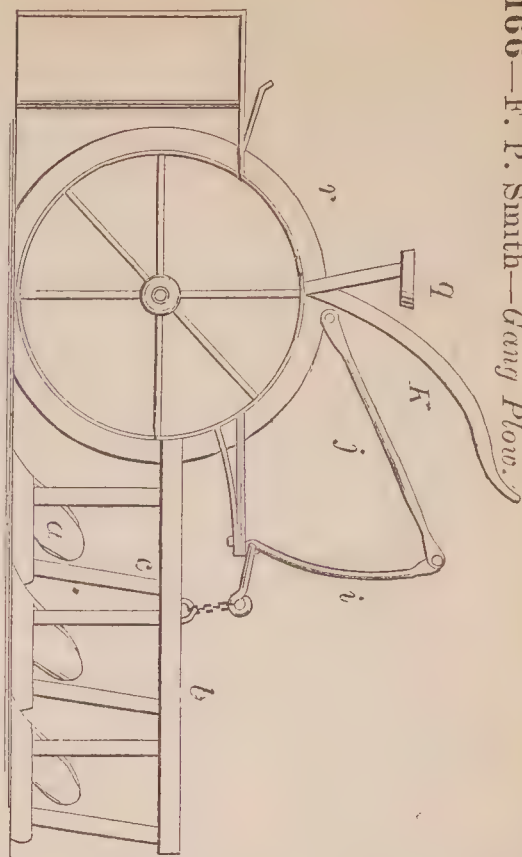
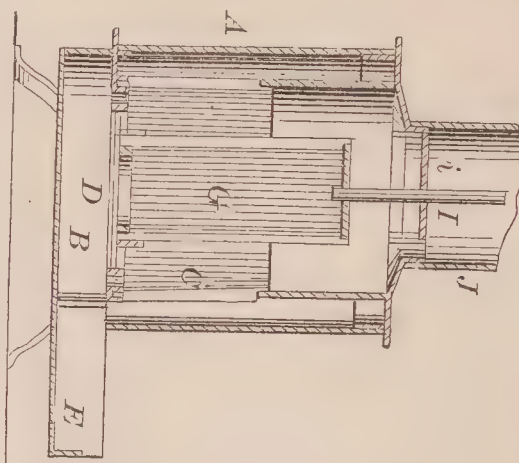
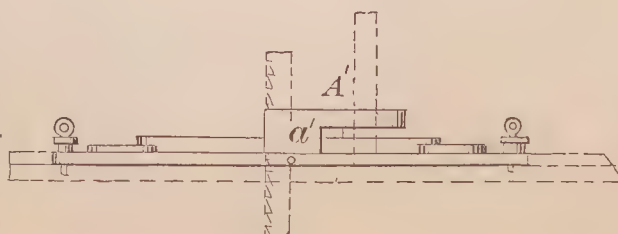
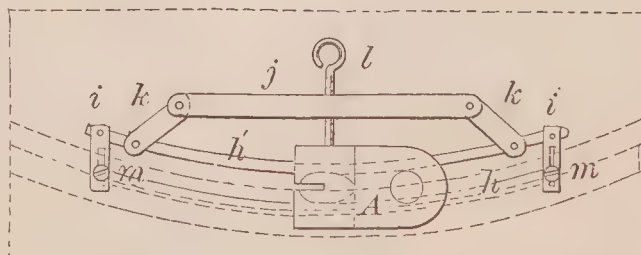
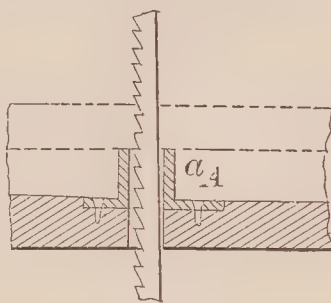
82161—J. Regester—*Stop*  
*Cock.*



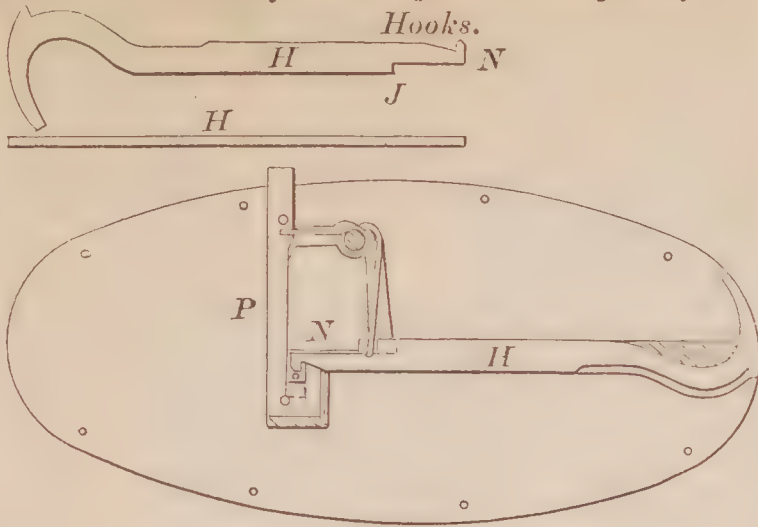
82163—J. B. Siegfried—*Howel and Croze.*



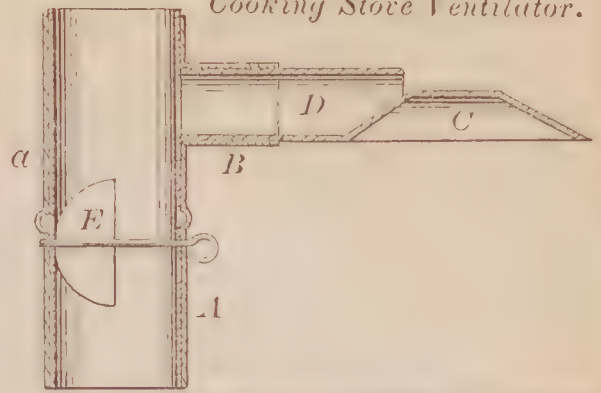


82165—F. P. Smith—*Gang Plow.*82168—Smith & Burr—*Hoes.*82167—Smith & Emery—*Twine Box*82170—Spendelow & Heneage—*Grain Dryer.*82166—F. P. Smith—*Gang Plow.*82169—H. D. Snyder—*Stove.*82171—G. W. Staats—*Guide for Scroll Saws.*

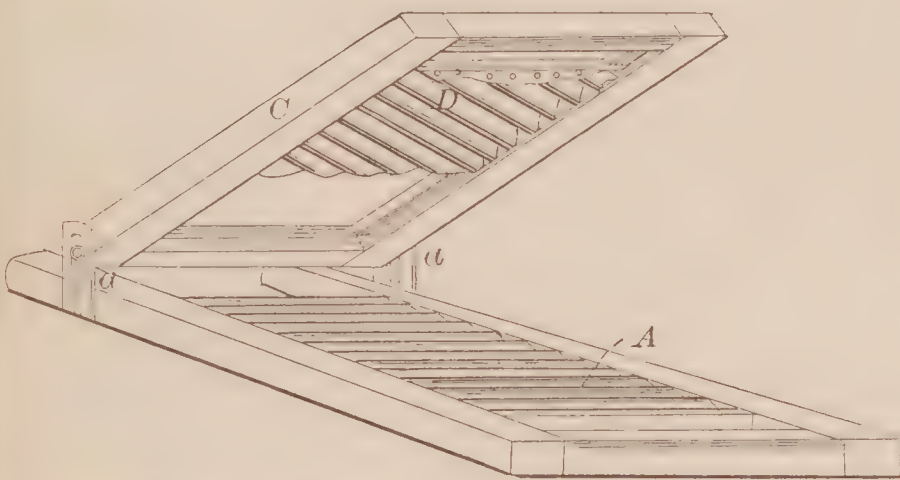
82172—F. Stanley—*Joining and Fitting Hoof Hooks.*



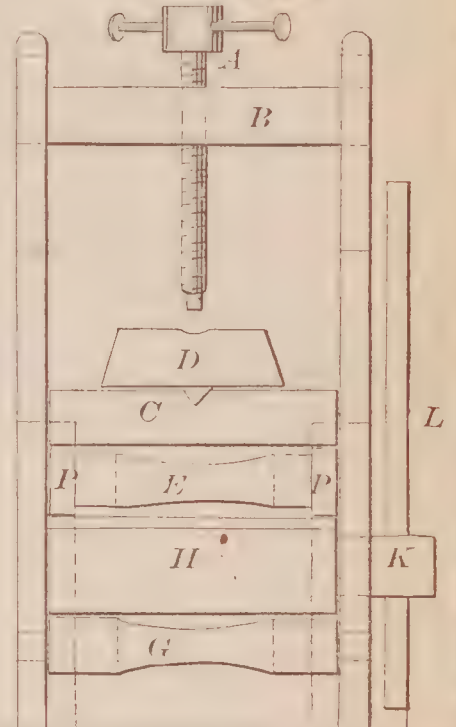
82173—C. & A. Stoddard—*Cooking Stove Ventilator.*



82175—H. B. Straut—*Wash Board.*



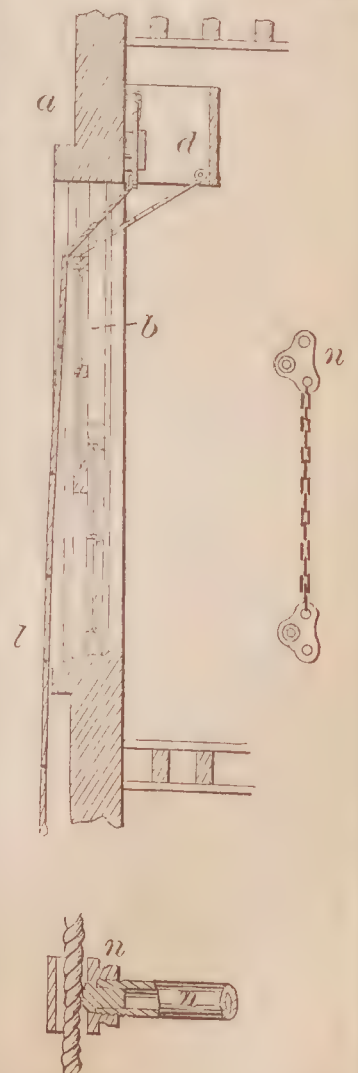
82174—Stratton & Wilson—*Cheese Press.*



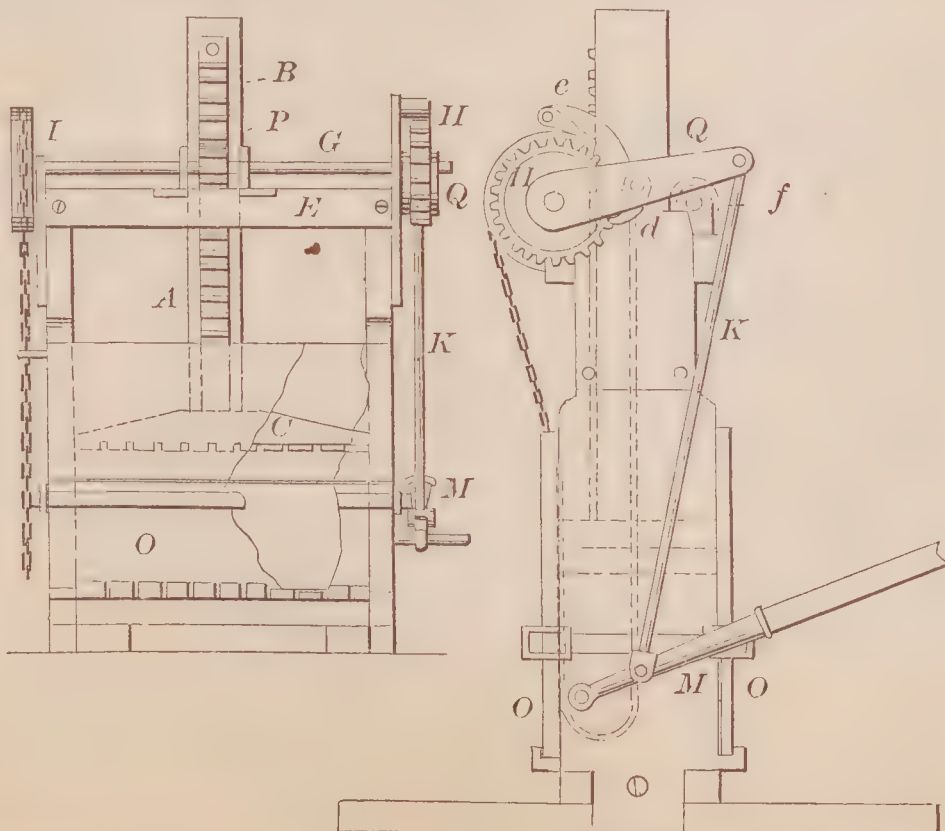
82177—G. Tanner—*Fruit Gatherer.*



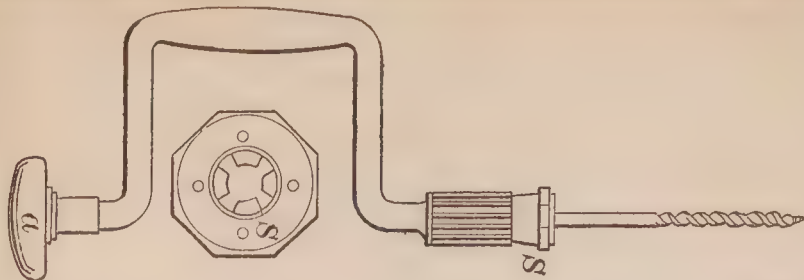
82176—Swalm & Schmitt—*Fire Escape.*



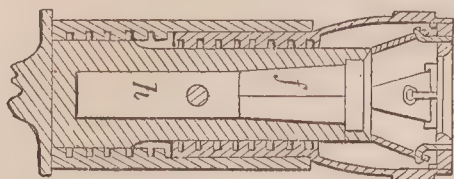
82178—Tappay, Lumsden & Steel—*Cotton Press.*



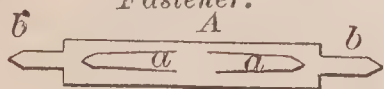




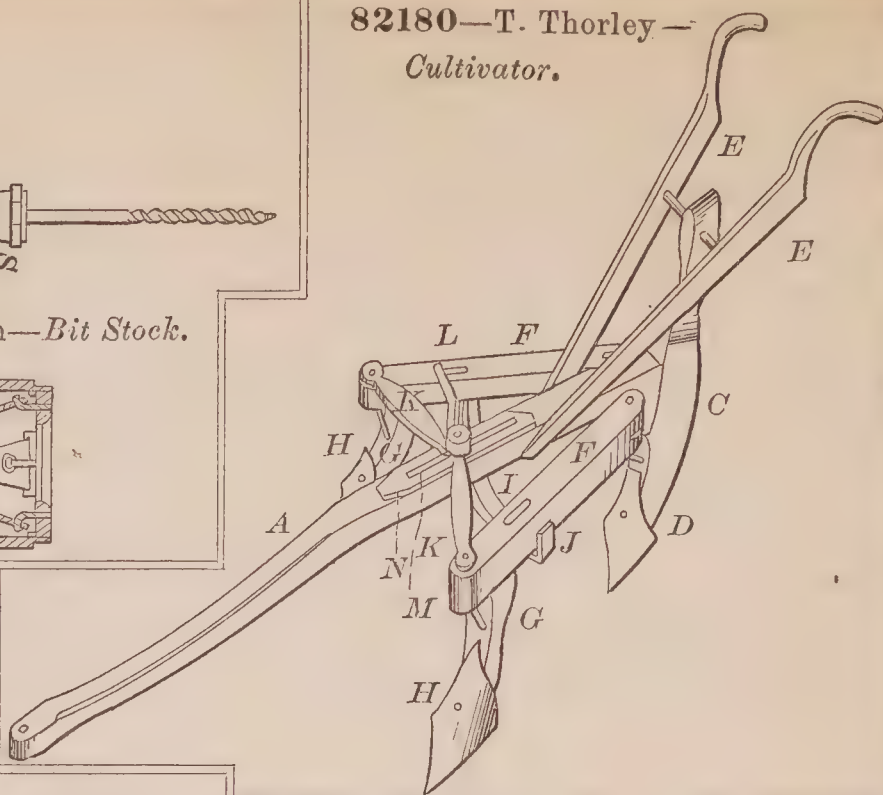
82179—J. W & F. M. Thompson—*Bit Stock.*



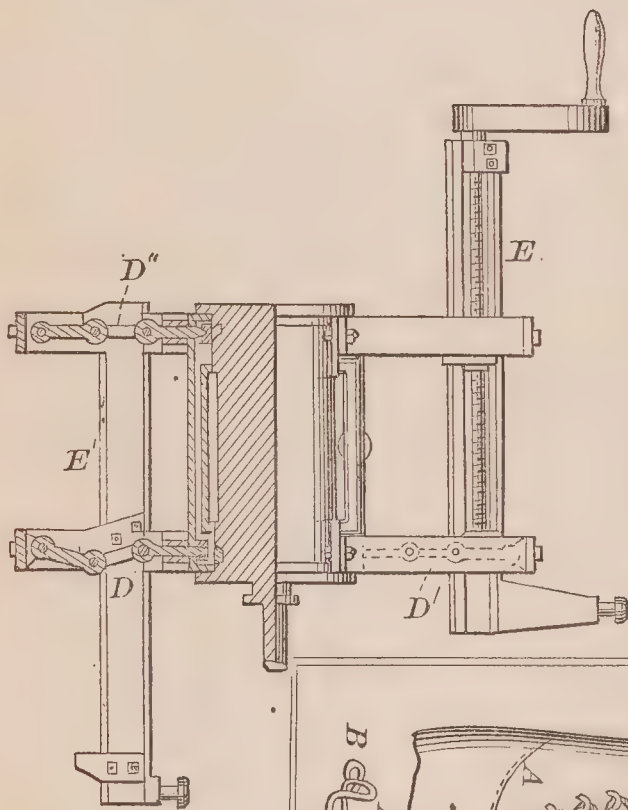
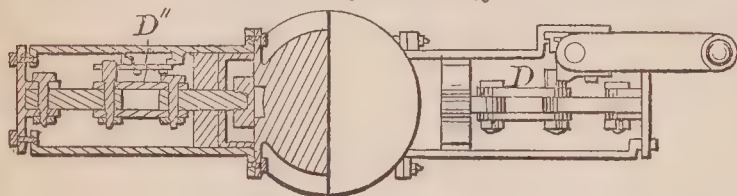
82181—W. M. Tileston—*Paper Fastener.*



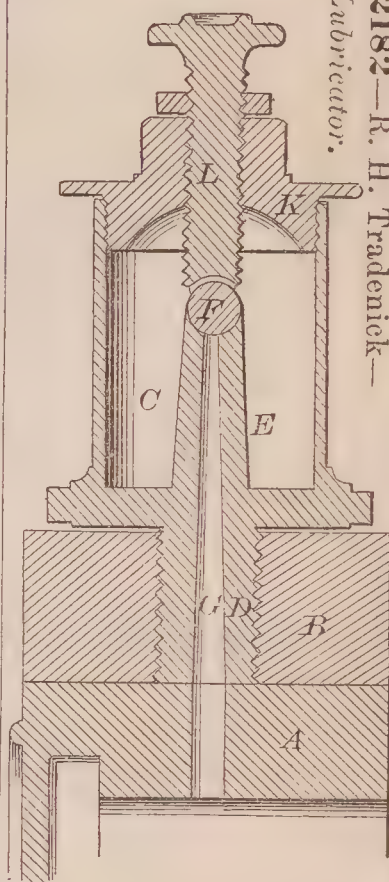
82180—T. Thorley—*Cultivator.*



82184—C. W. Wailey—*Cut-off Valve Gear.*



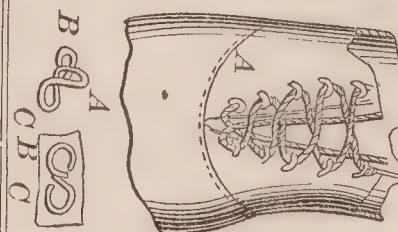
82182—R. H. Tradnick—*Lubricator.*



82187—Westland & Allen—*Kitchen Implement.*



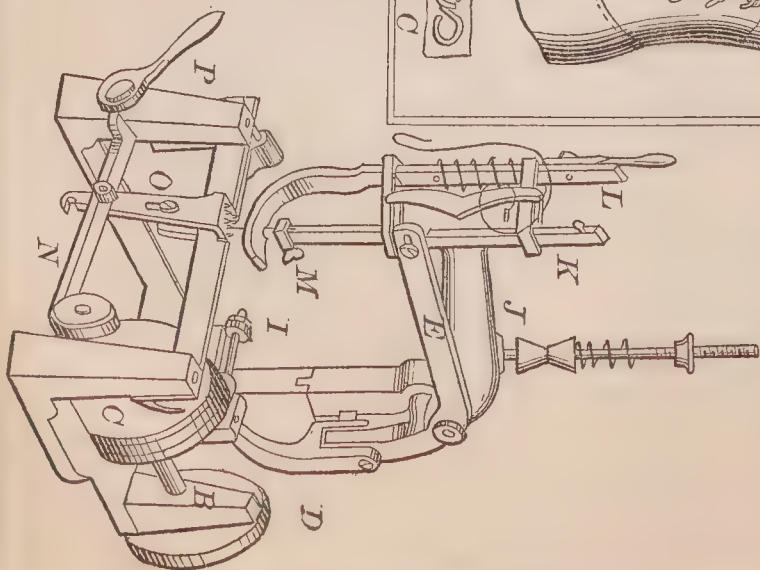
82188—M. White—*Shoe Lacing.*



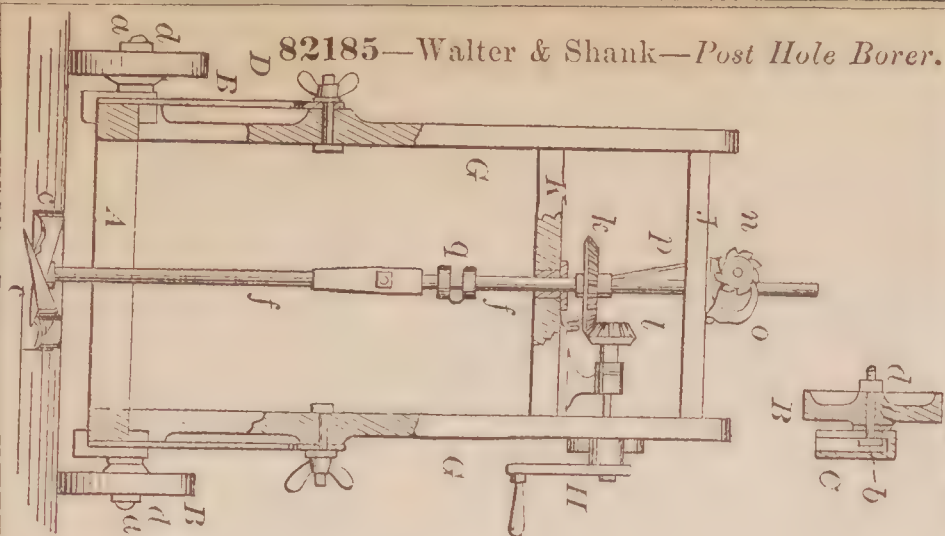
82186—E. G. Warner—*Fence.*



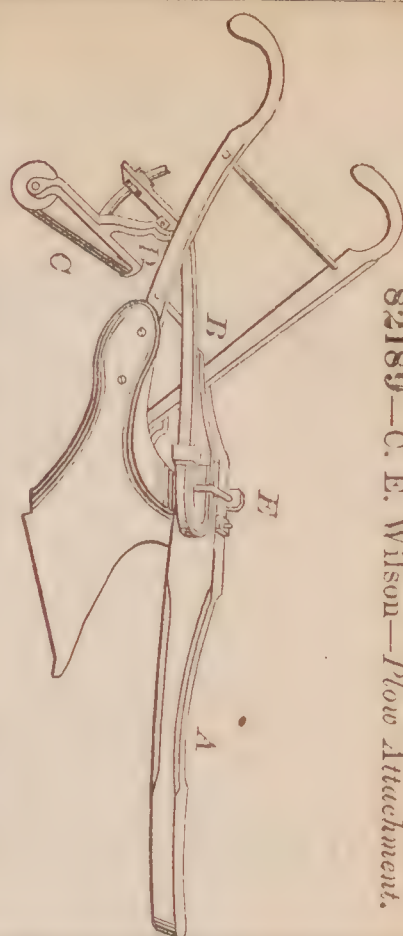
82183—J. D. Vanduzer—*Sewing Machine.*



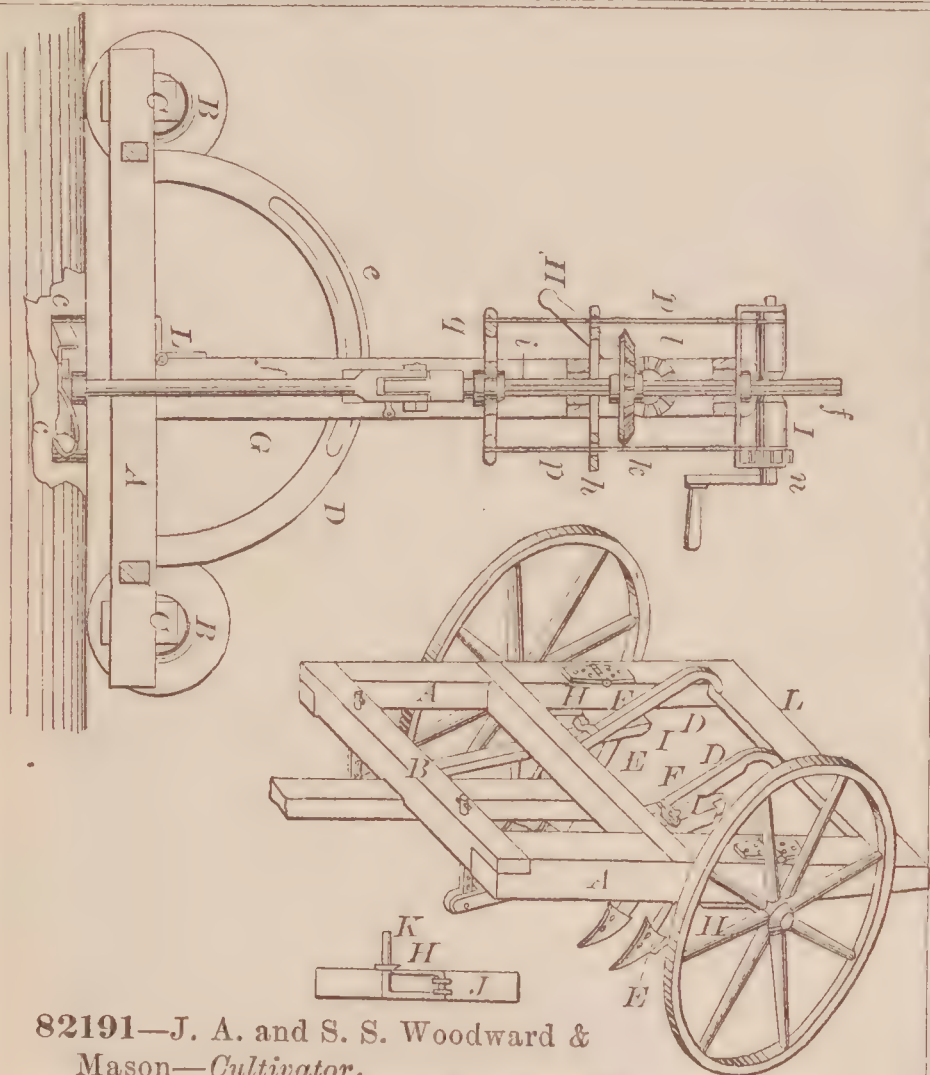




82185—Walter & Shank—*Post Hole Borer.*

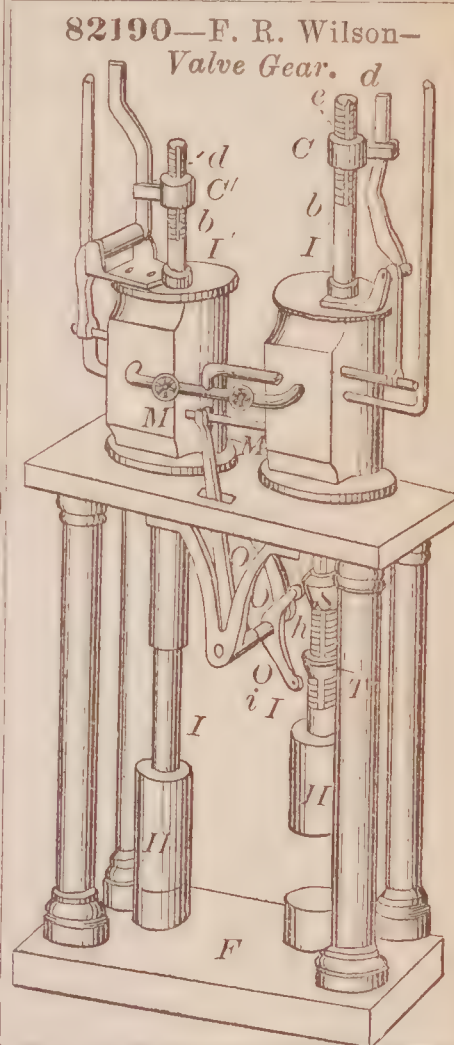
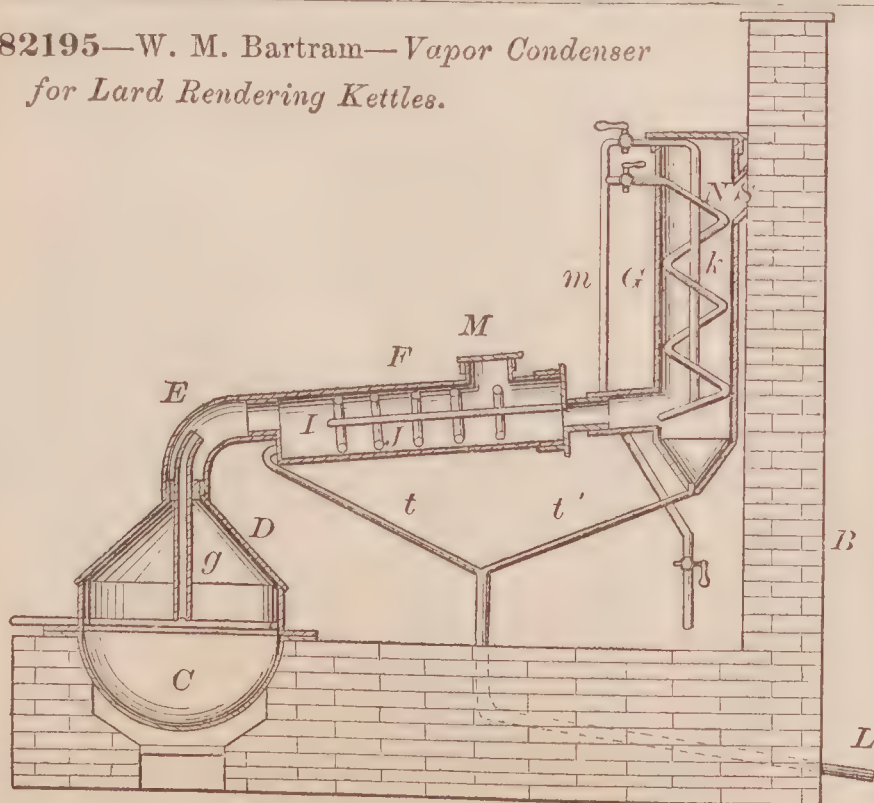


82189—C. E. Wilson—*Plow Attachment.*

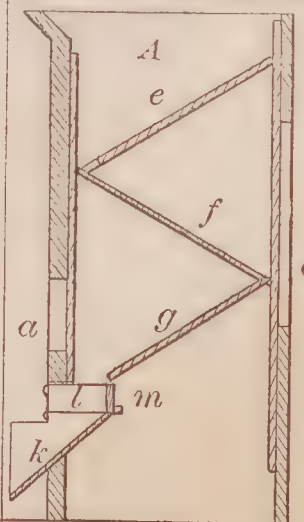


82191—J. A. and S. S. Woodward & Mason—*Cultivator.*

82195—W. M. Bartram—*Vapor Condenser for Lard Rendering Kettles.*



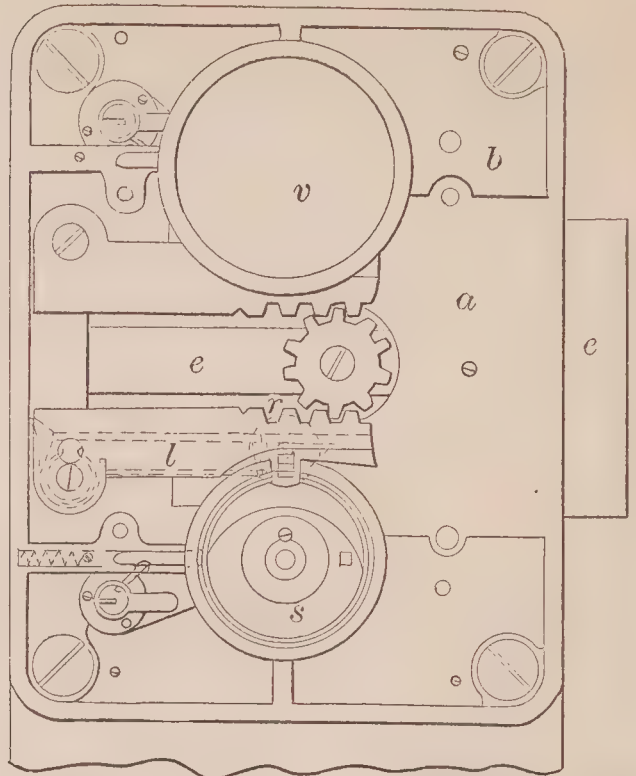
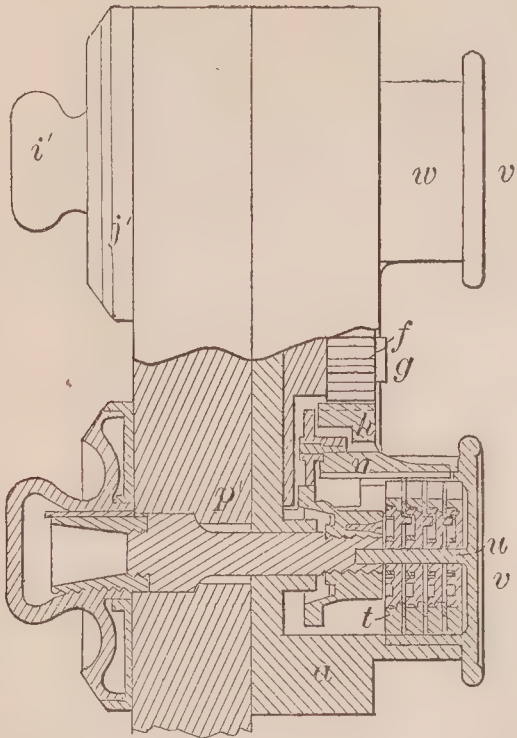
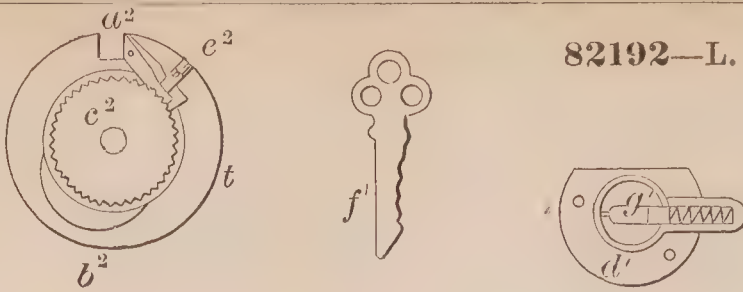
82190—F. R. Wilson—*Valve Gear.*



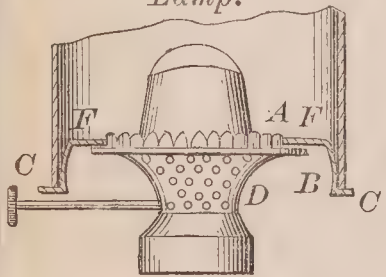
82193—J. Armstrong—*For Trolling Grain.*



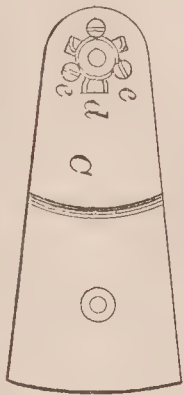
82192—L. Yale, Jr.—*Permutation Lock.*



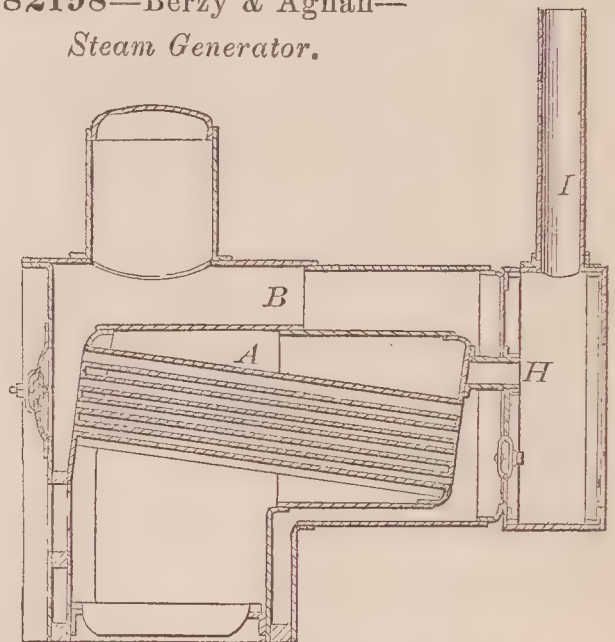
82196—J. Bellerjeau—*Lamp.*



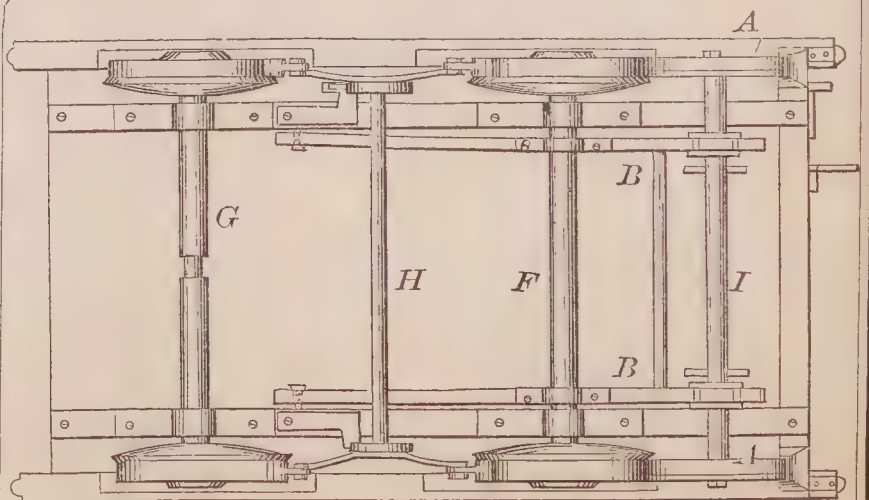
82197—P. R. Bennett, Jr.—*Watch.*



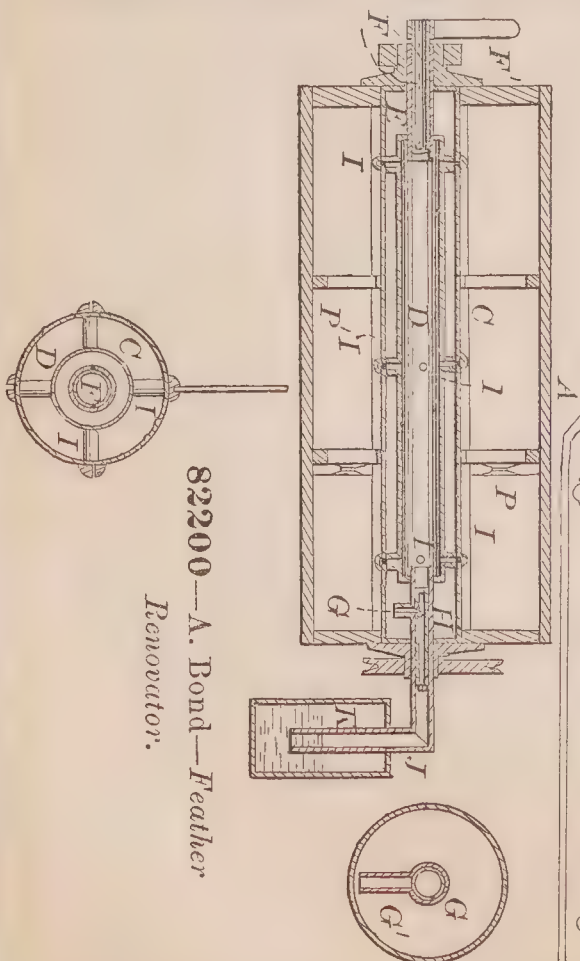
82198—Berzy & Agnan—*Steam Generator.*



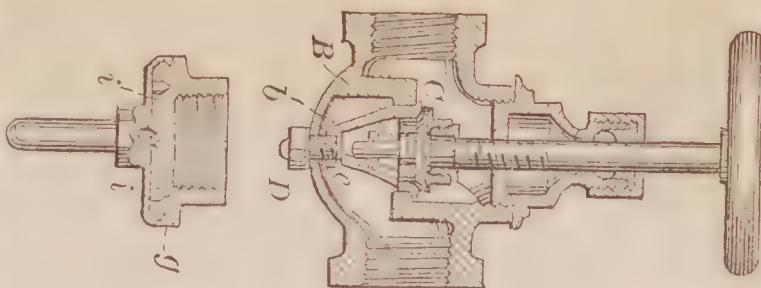
82199—H. S. Blood—*Railway Safety Attachment.*



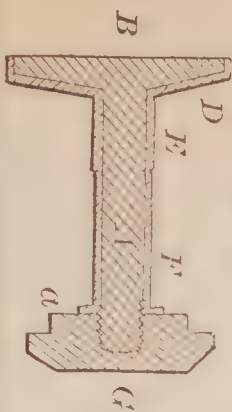
82200—A. Bond—*Feather Renovator.*



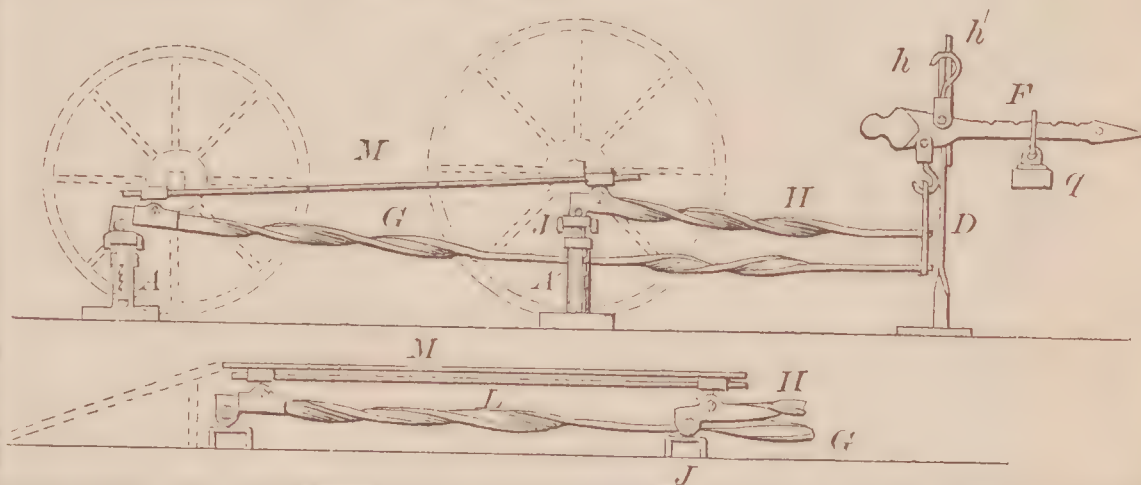
82206—W. Chesley—*Globe Valve.*



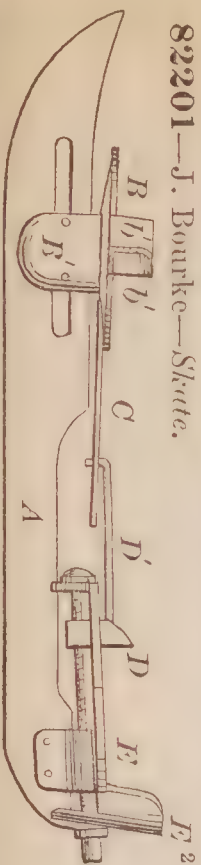
82203—F. A. Bradley—*Carriage Top Prop.*



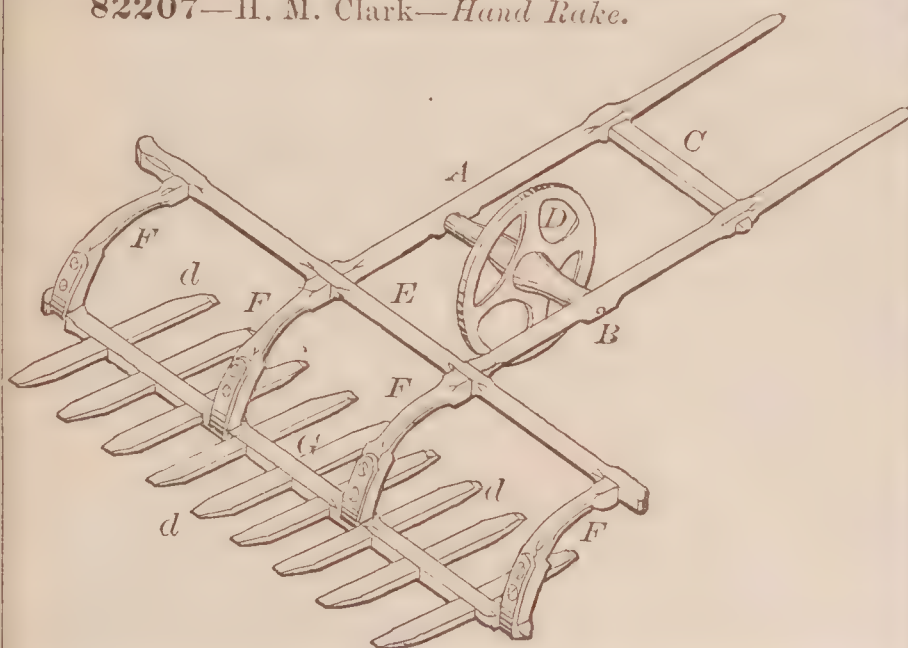
82204—H. K. Bugbee—*Platform Scale.*



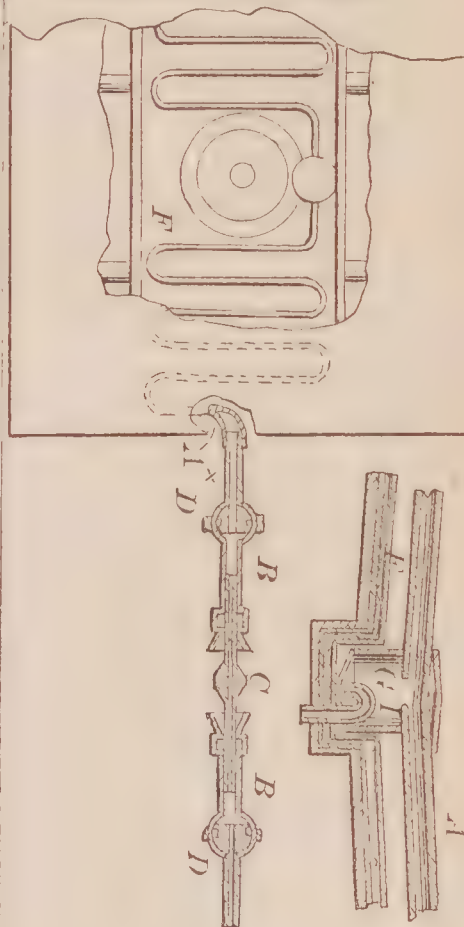
82201—J. Bourke—*Skate.*



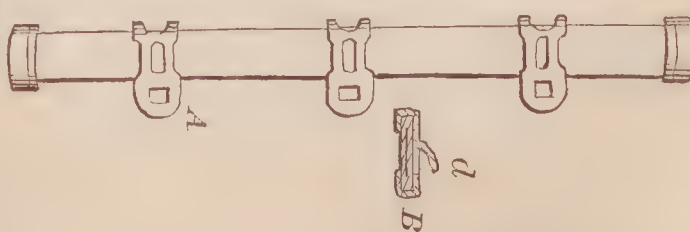
82207—H. M. Clark—*Hand Rake.*



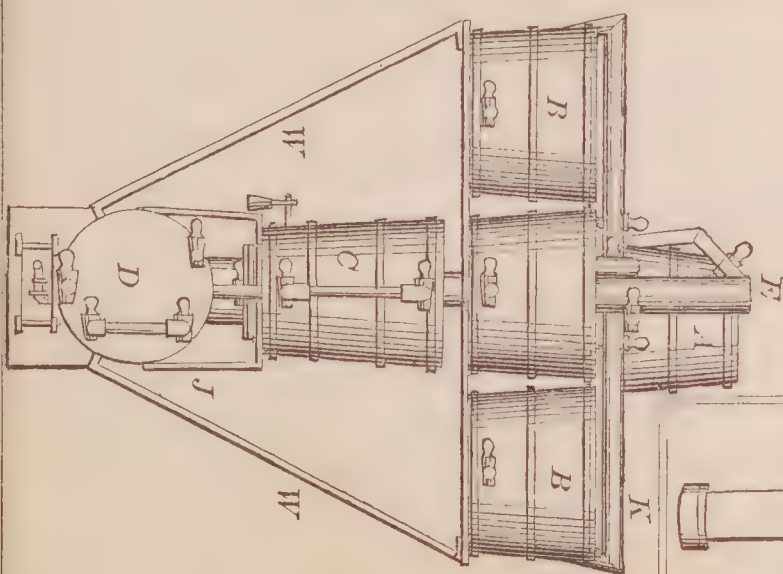
82210—W. B. Farwell—*Railroad Car Heater.*



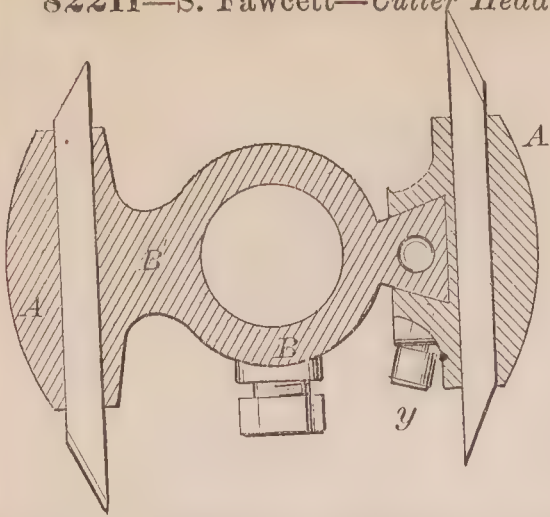
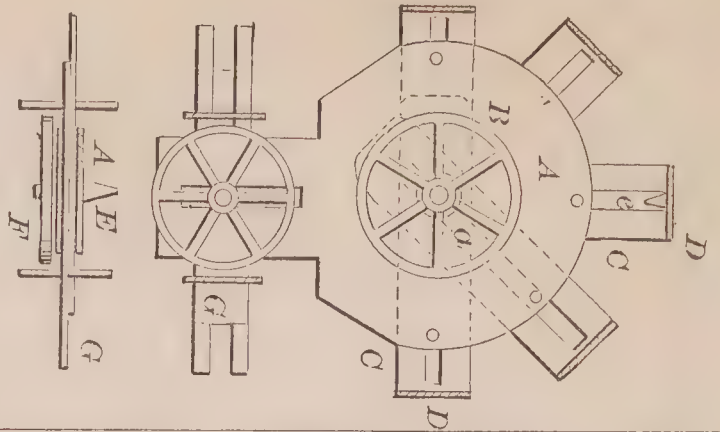
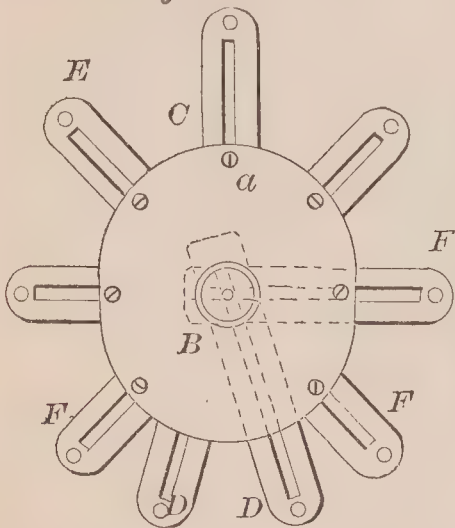
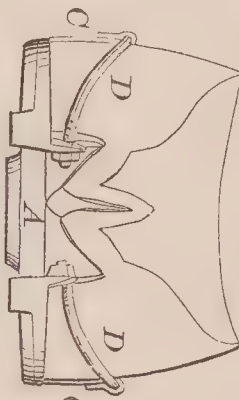
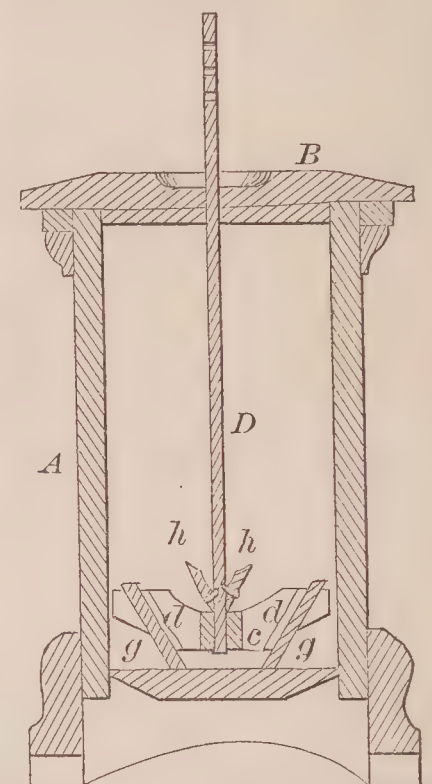
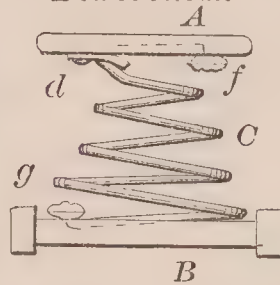
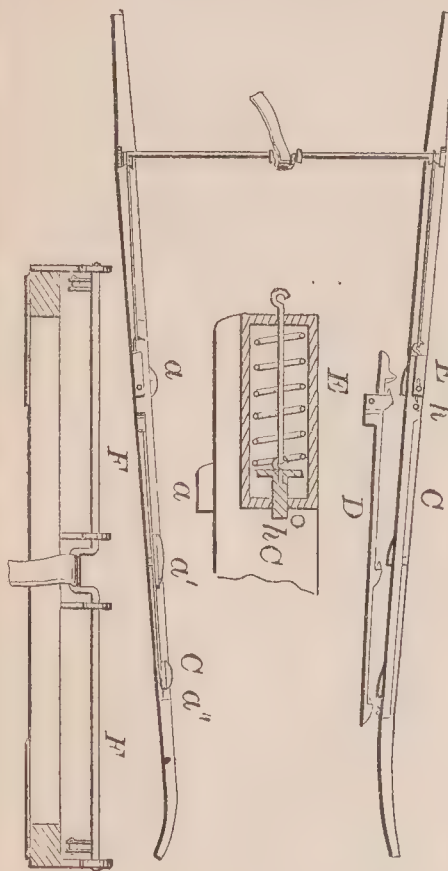
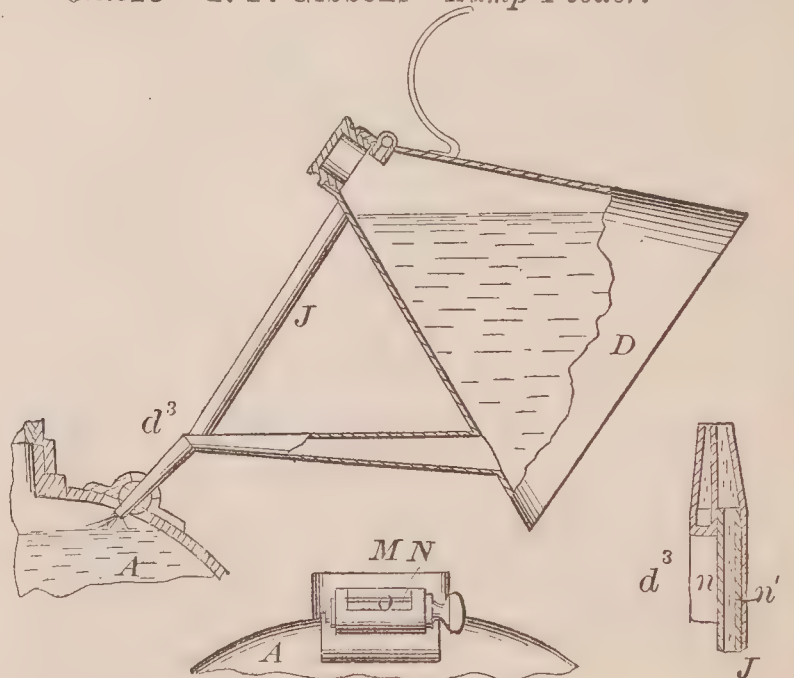
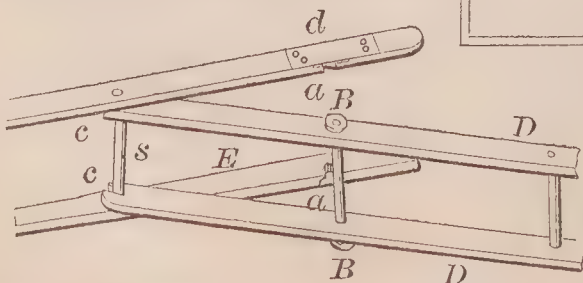
82209—T. B. De Forest—*Corset Stay.*



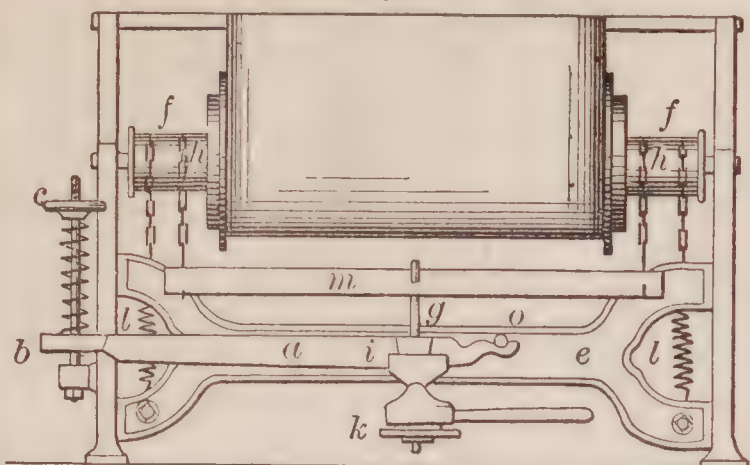
82208—P. Conday—*For Brewing Malt Liquor.*



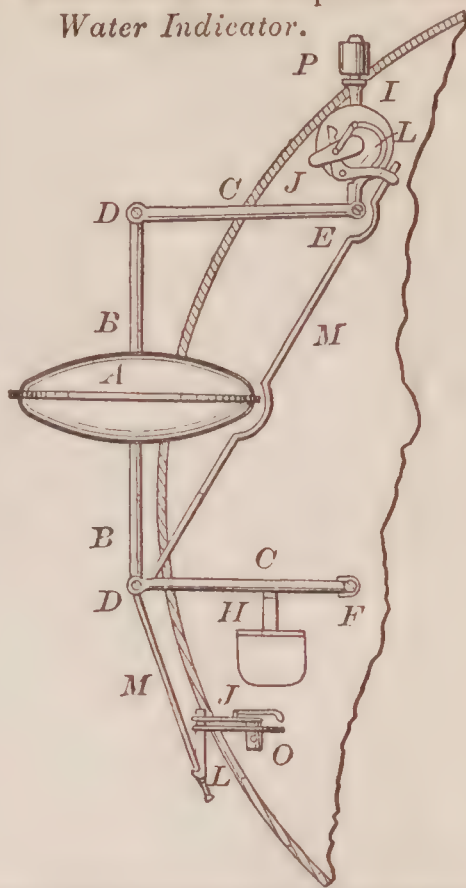


82211—S. Fawcett—*Cutter Head.*82213—H. B. Ferren—*For Measuring Horses' Feet.*82214—H. B. Ferren—*For Measuring Horses' Feet.*82215—H. B. Ferren—*For Attaching Shoes to Horses' Feet.*82216—E. H. Funk—*Churn Dasher.*82218—G. L. Gerard—*Bed Bottom.*82217—G. Gabriel—*For Detaching Horses from Carriages.*82219—T. P. Gibbons—*Lamp Feeder.*82221—S. E. Hewes—*Step Ladder Joint.*

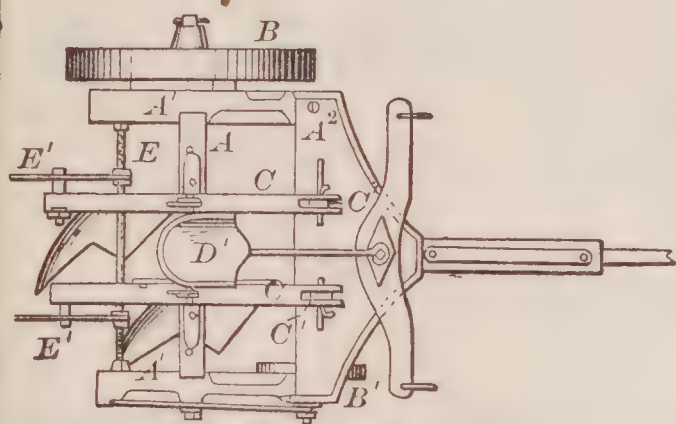
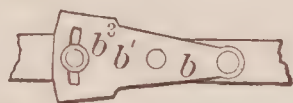
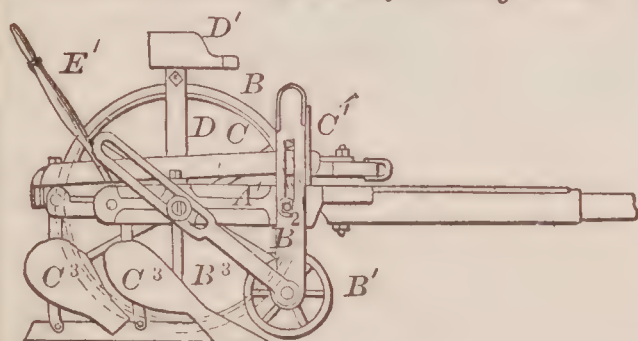
82220—J. J. & E. Harrison—*Brake for Yarn Beam of Looms.*



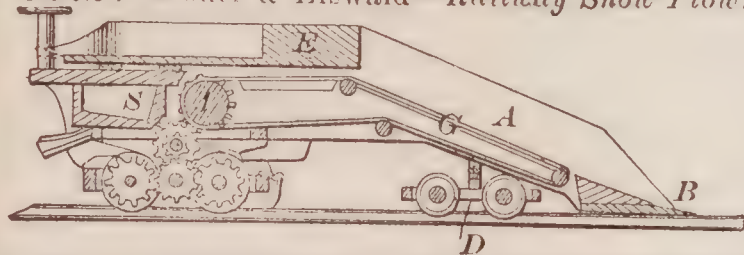
82222—G. M. Hopkins—*Low Water Indicator.*



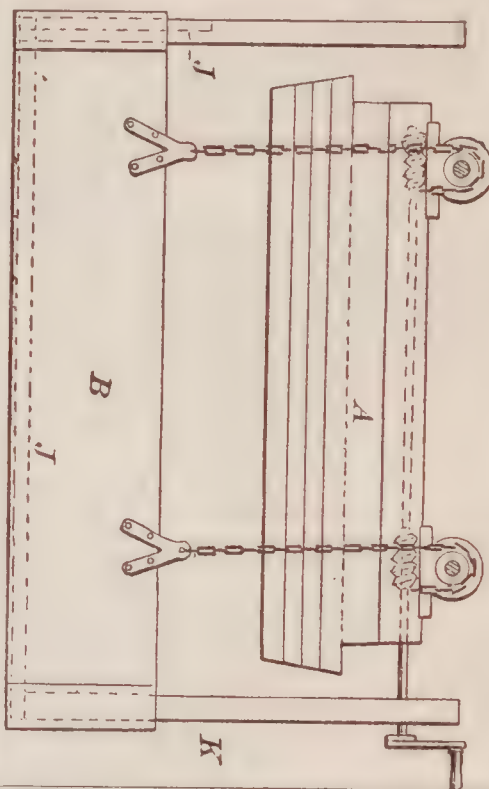
82223—Horn & Mancy—*Gang Plow.*



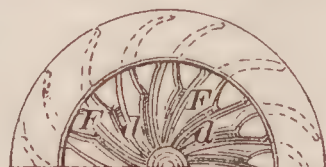
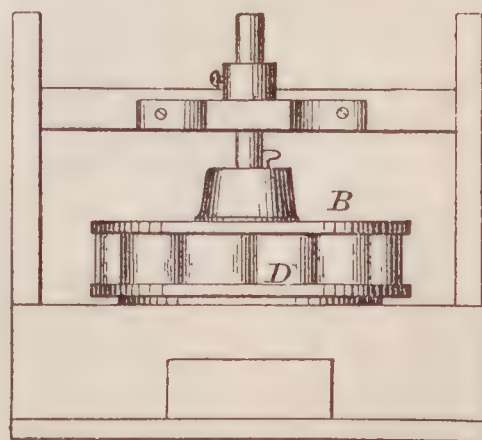
82226—Jones & Eiswald—*Railway Snow Plow.*



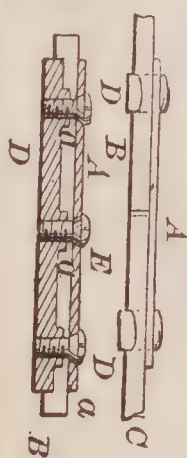
82224—Howell & Smith—*For Filling Marshes.*



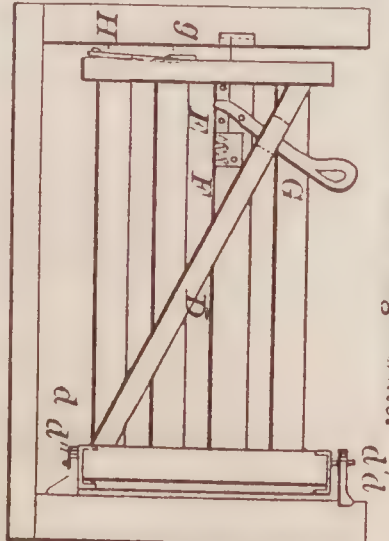
82225—J. Hoyt—*Water Wheel.*



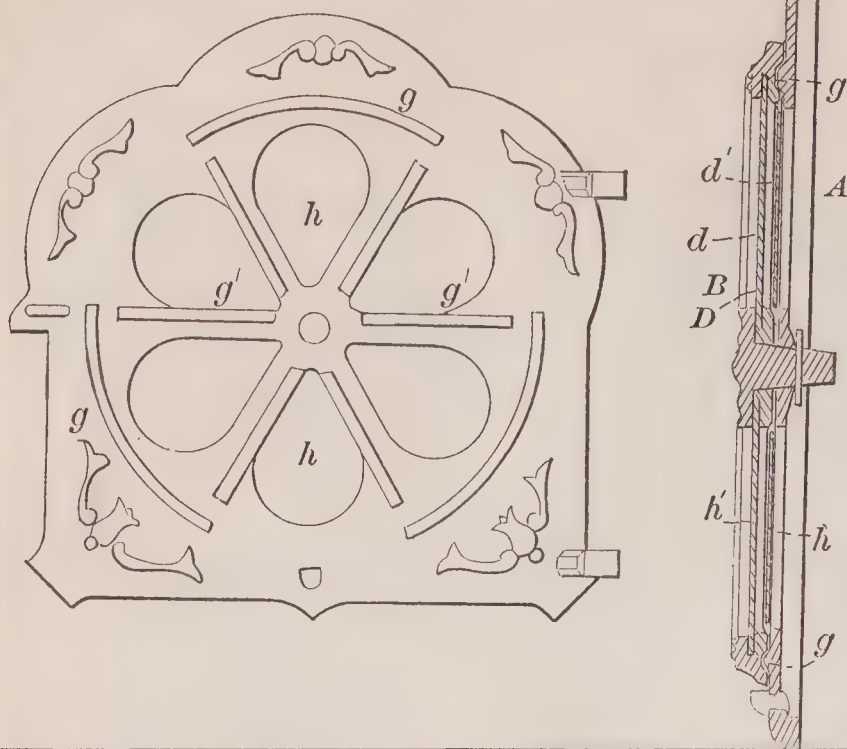
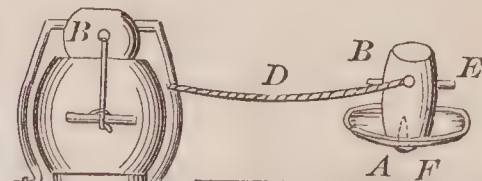
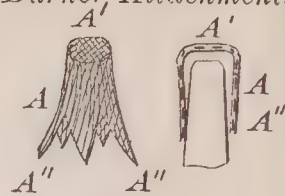
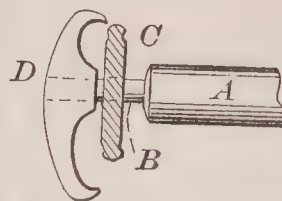
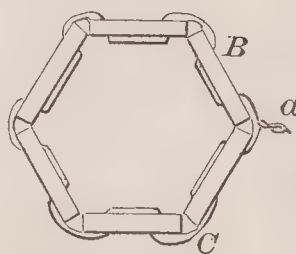
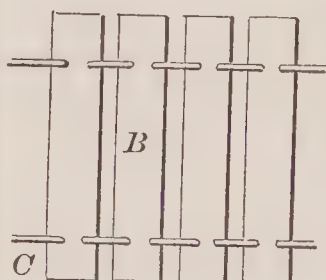
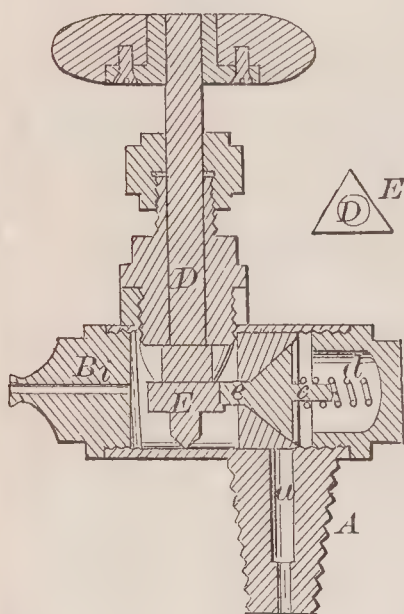
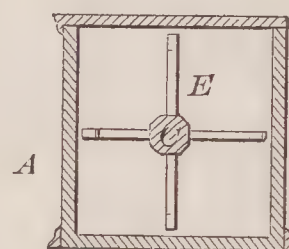
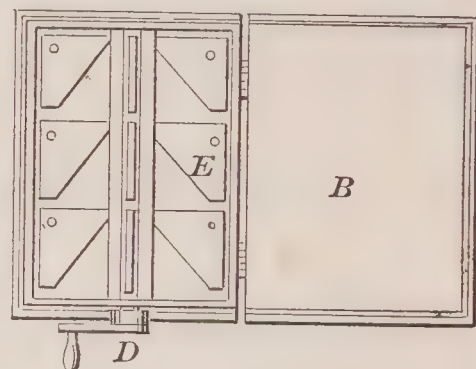
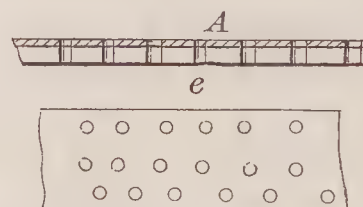
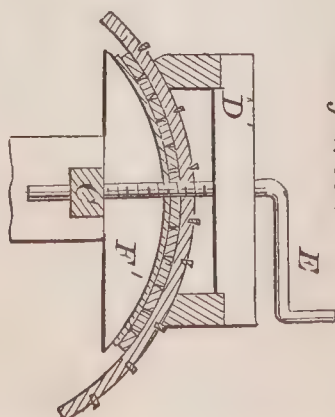
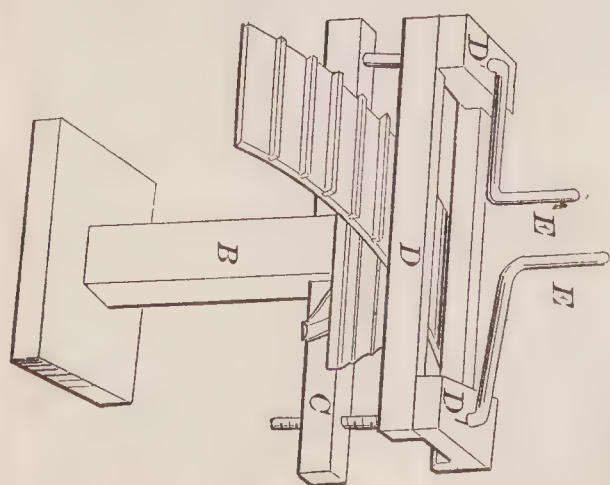
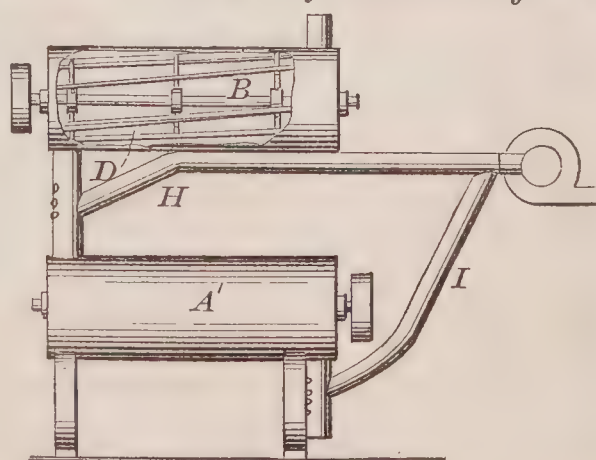
82227—T. Kennedy—*Belt Fastening.*



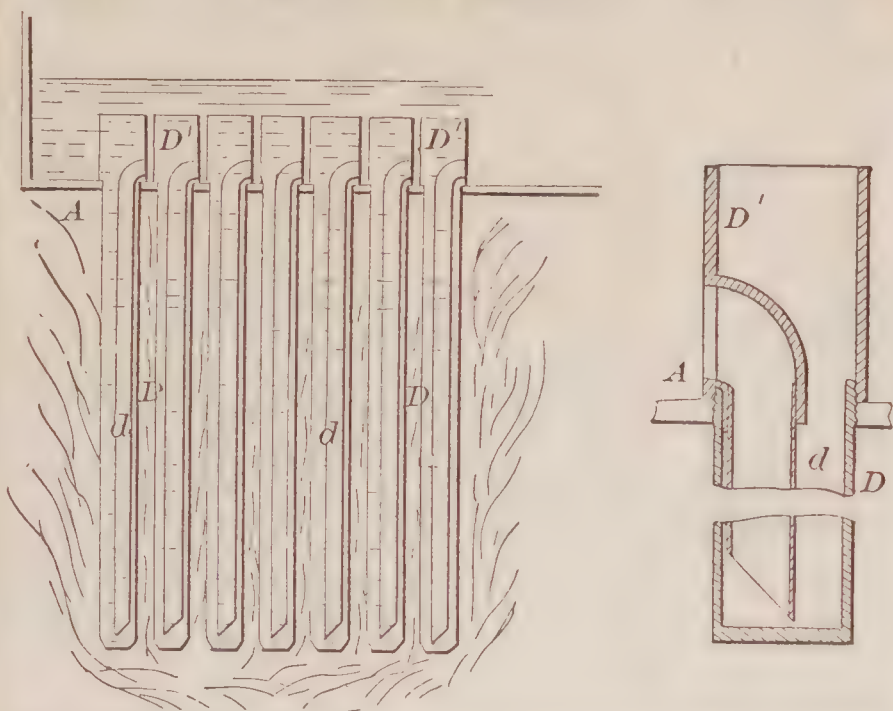
82229—J. H. King—*Gate.*



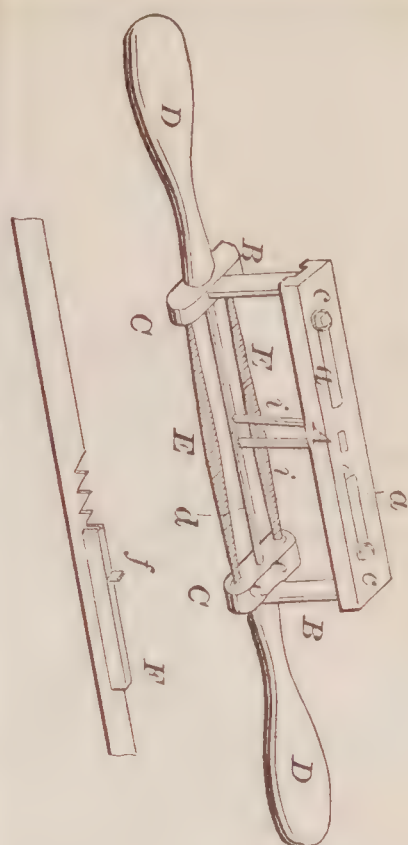


82228—J. H. Keyser—*Damper.*82230—J. Klee—*Bottle Stopper.*82231—J. Kopp—*Burner Attachment.*82233—M. F. Lanning—*Swivel.*82232—B. F. Kraft—*Faucet.*82234—J. W. L. Leatherbury—*Tree Box.*82235—H. Leber—*Churn.*82236—M. Mayall—*Carpet Lining.*82238—J. G. Moxey—*Debranning Wheat.*82237—J. F. Melcher—*For Bending Wood.*

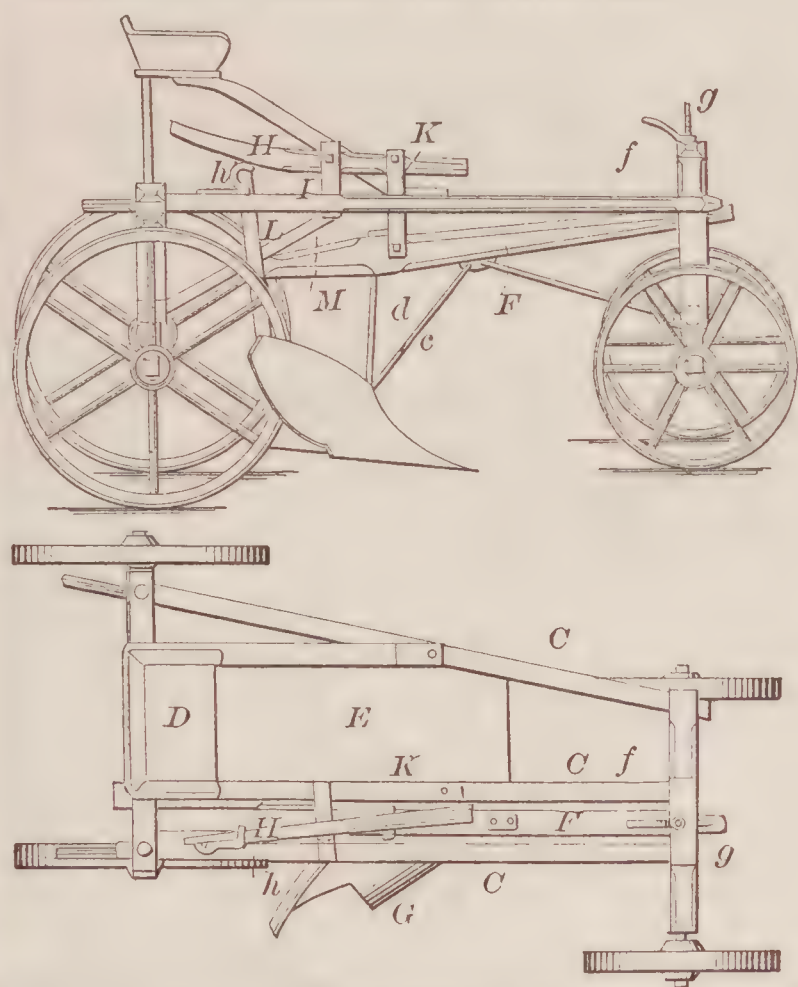
82239—J. Nason—*Steam Generator.*



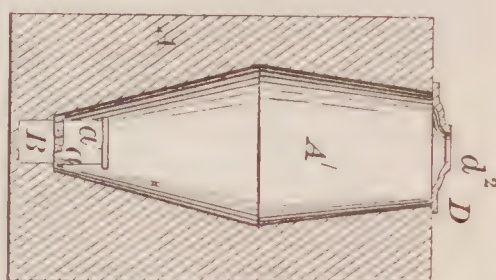
82240—A. M. Newman—*Saw Sharpener.*



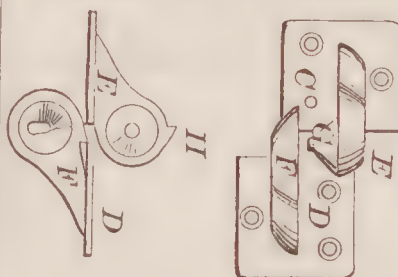
82241—N. B. Norton—*Four Wheel Plow.*



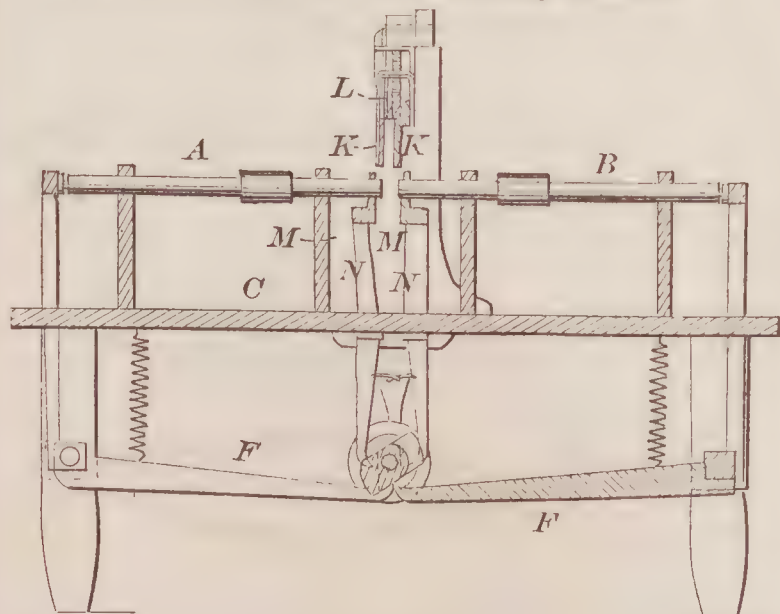
82242—W. C. Pettijohn—*Lime Kiln.*



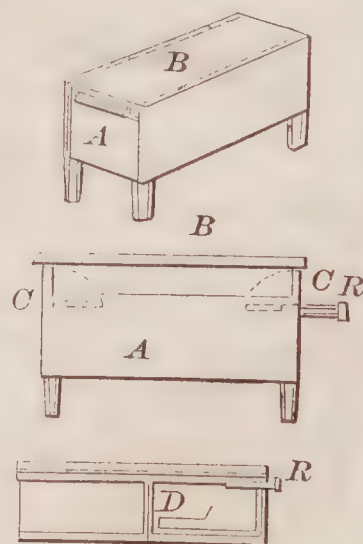
82245—R. B. Prindle—*Hinge.*



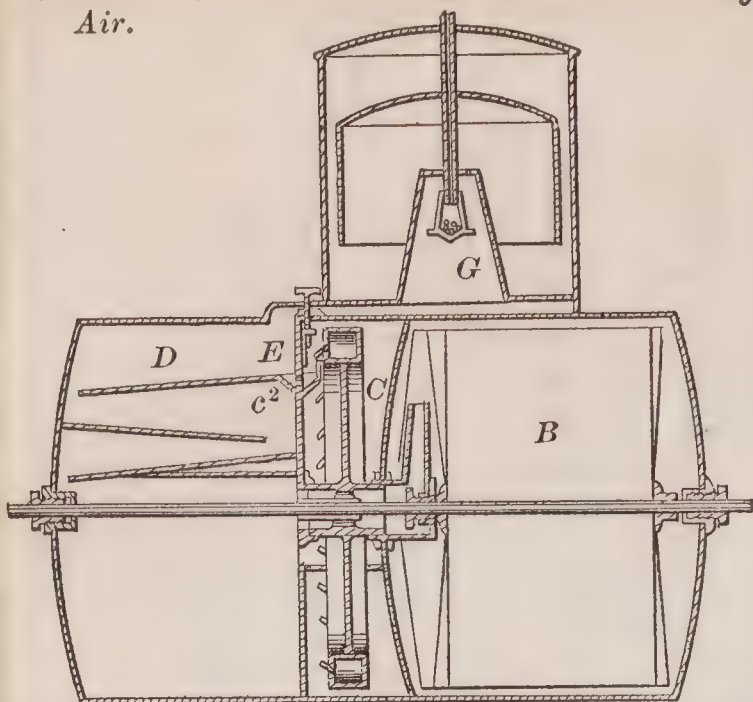
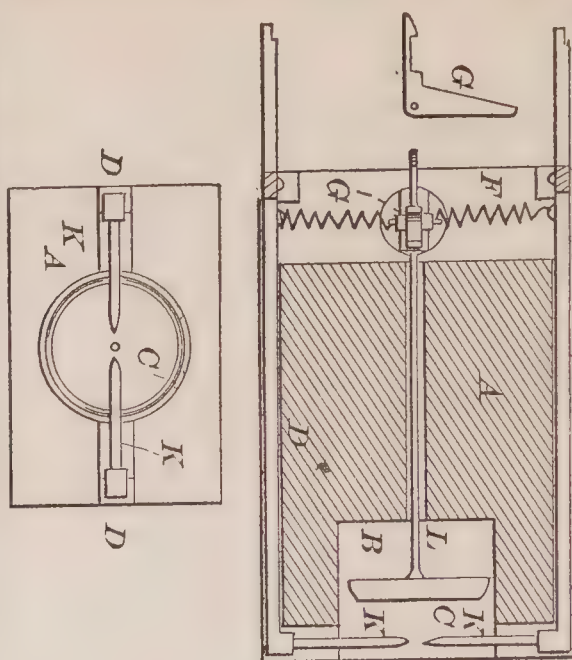
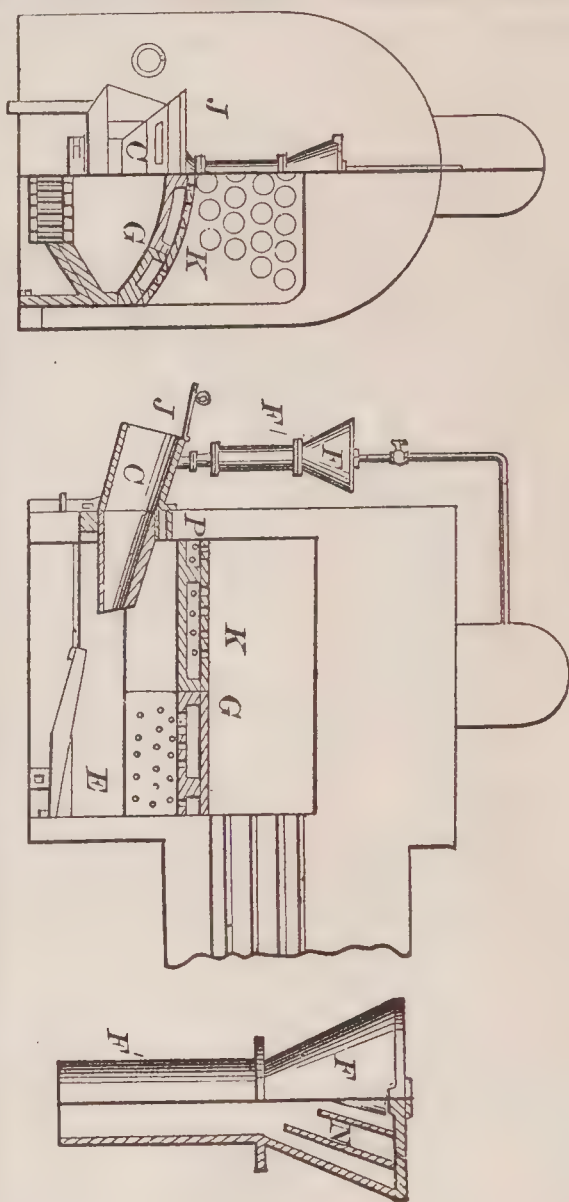
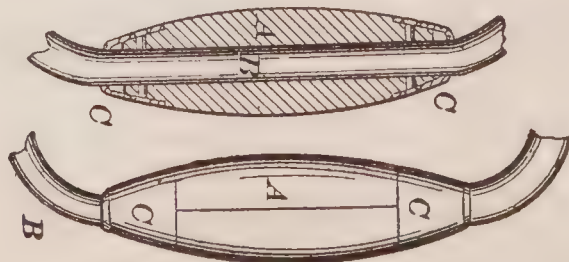
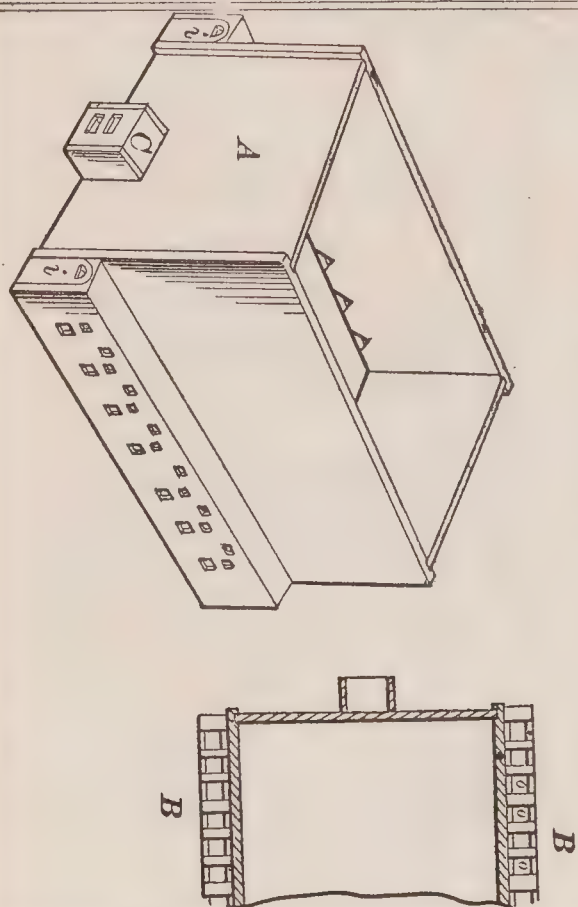
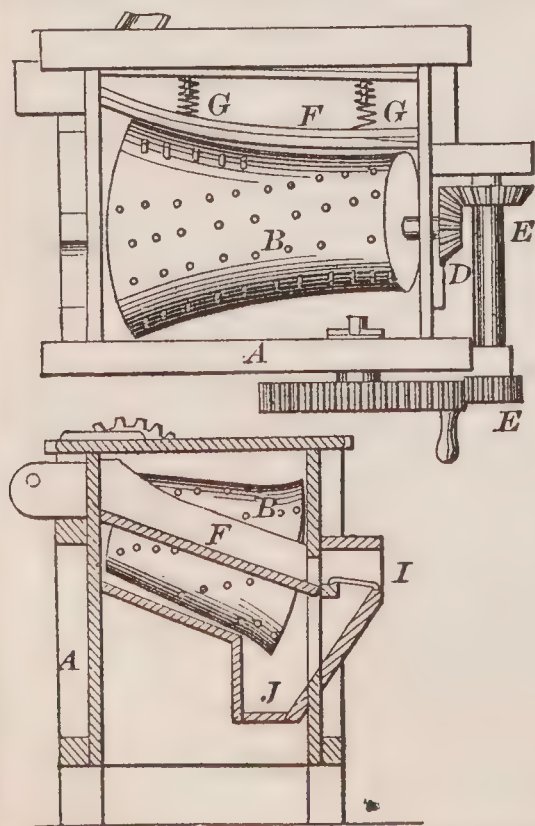
82243—S. G. Pitts—*For Forming Buttons*



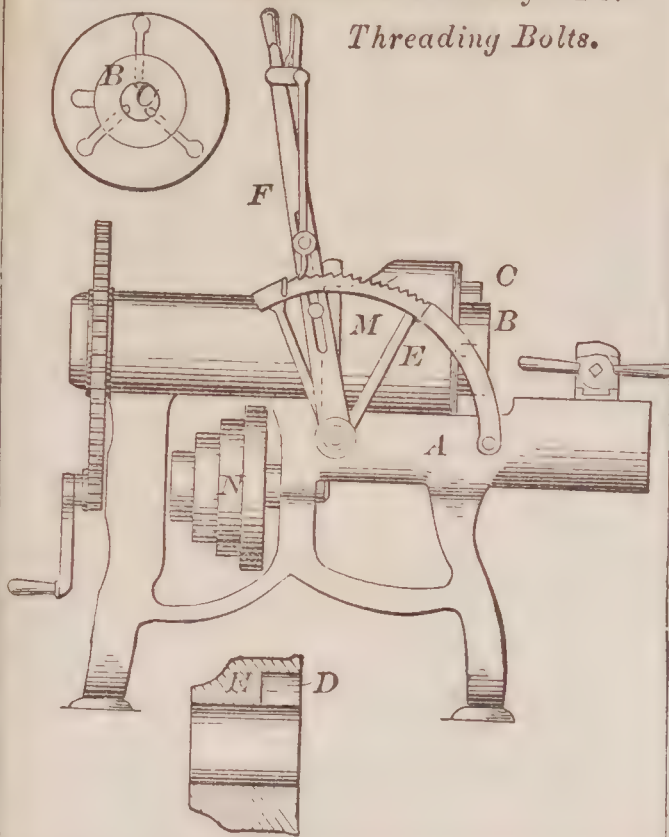
82247—J. C. Putnam—*Table.*



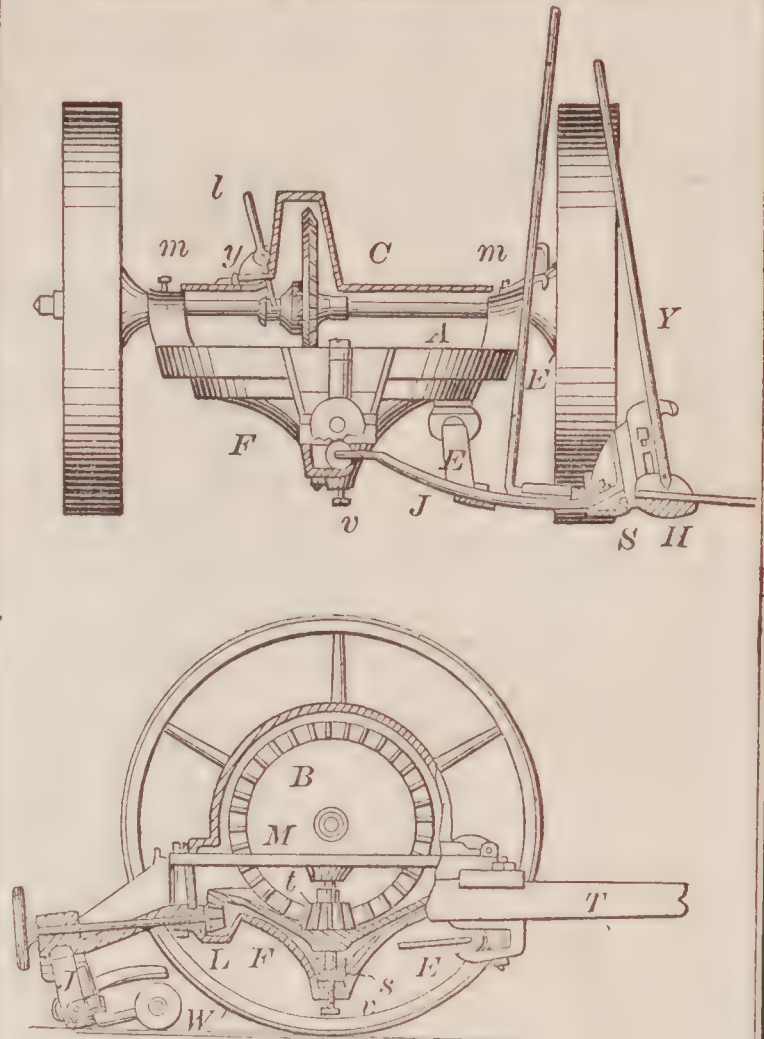


82244—J. T. & R. H. Plass—*For Carburetting Air.*82246—H. W. Prouty—*Animal Trap.*82249—J. T. Rich—*Furnace for Steam Generators.*82251—C. B. Rose—*Bit Stock.*82248—S. D. Rader—*Brick Kiln.*82250—Ripley & Temple—*Corn Sheller and Apple Grinder.*

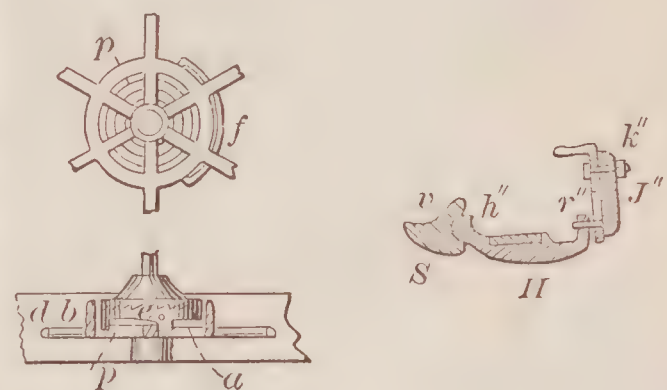
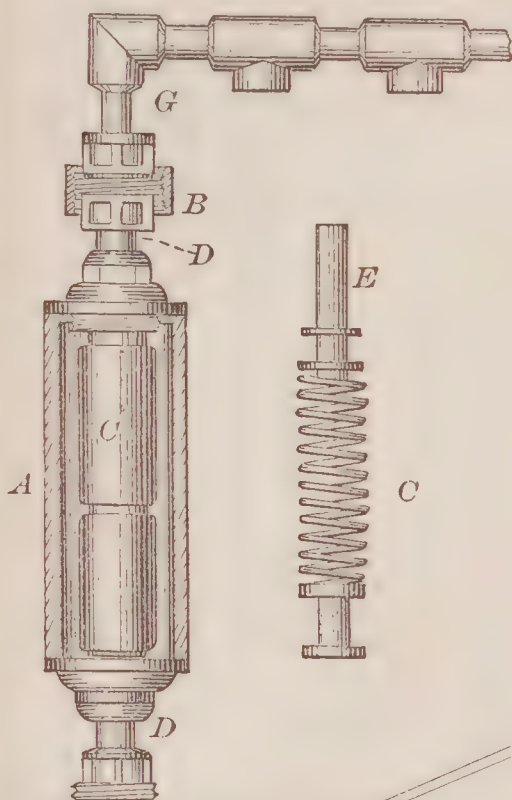
82252—Schuessler & Kennedy—*For Threading Bolts.*



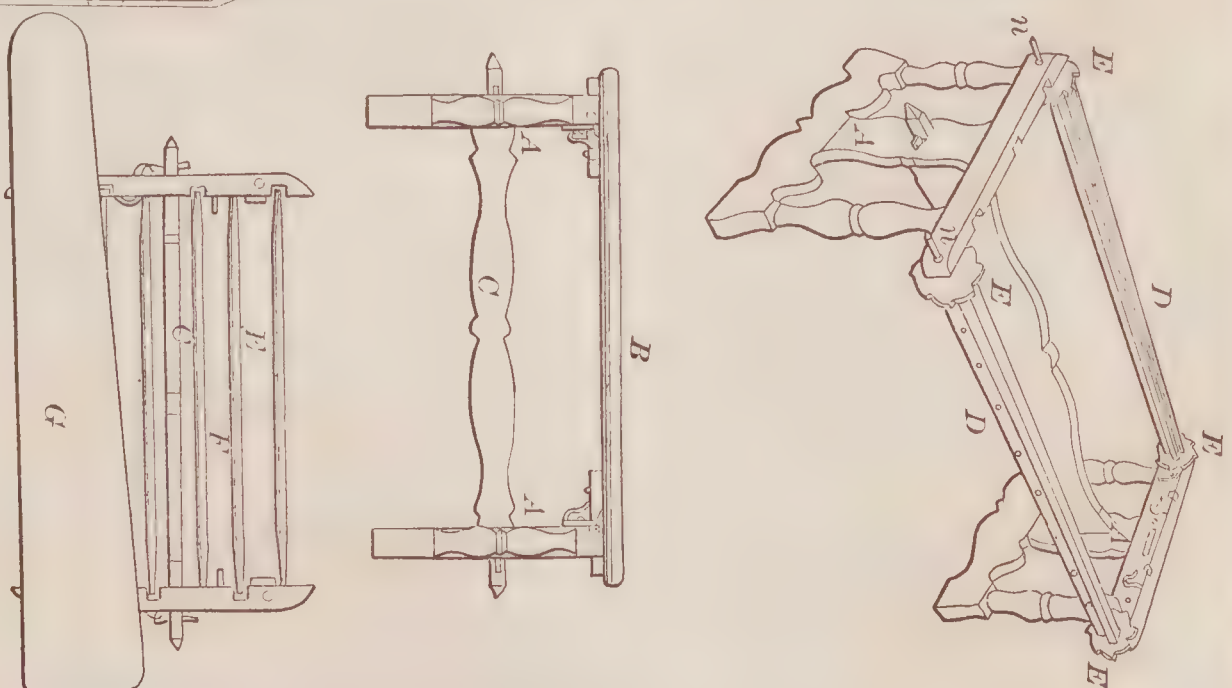
82253—T. C Sebring—*Harvester.*



82255—T. Simmons—*Filter.*

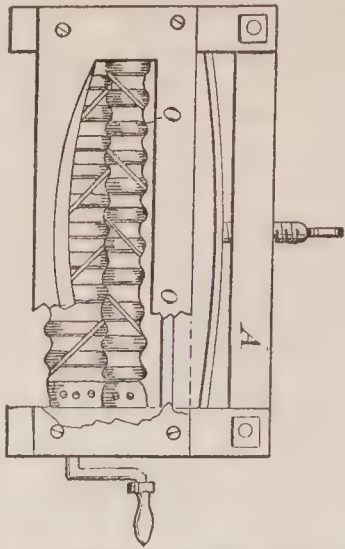
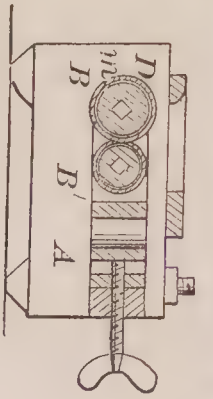


82256—H. L. Stillson—*Clothes Horse.*

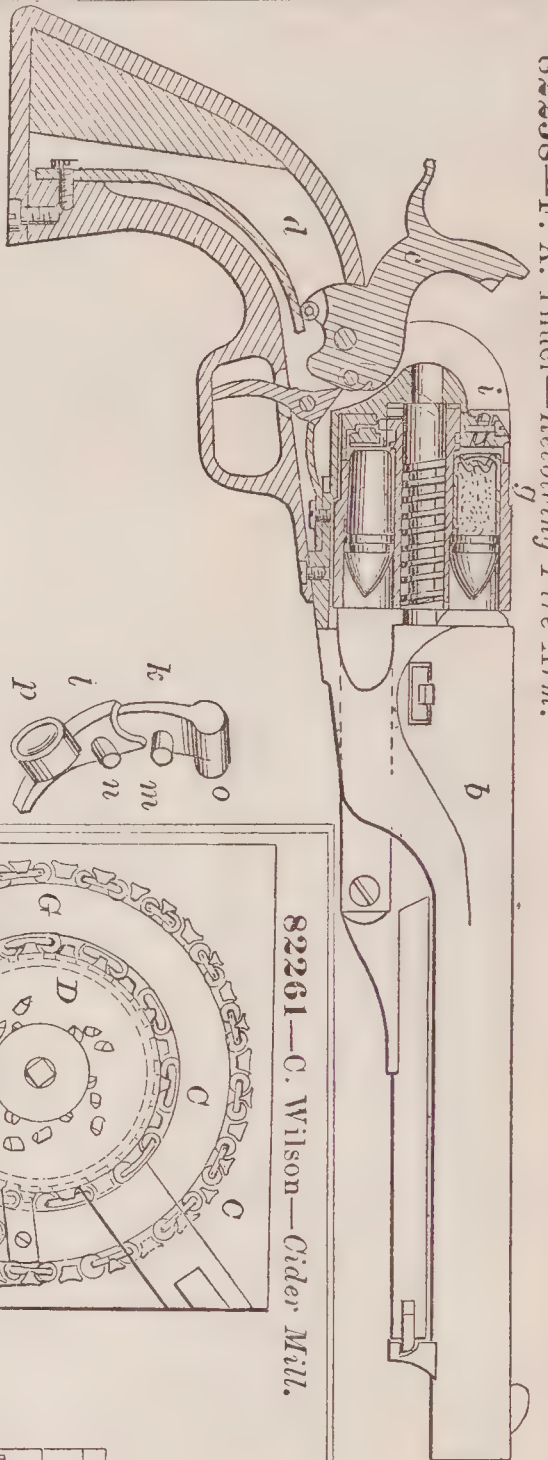




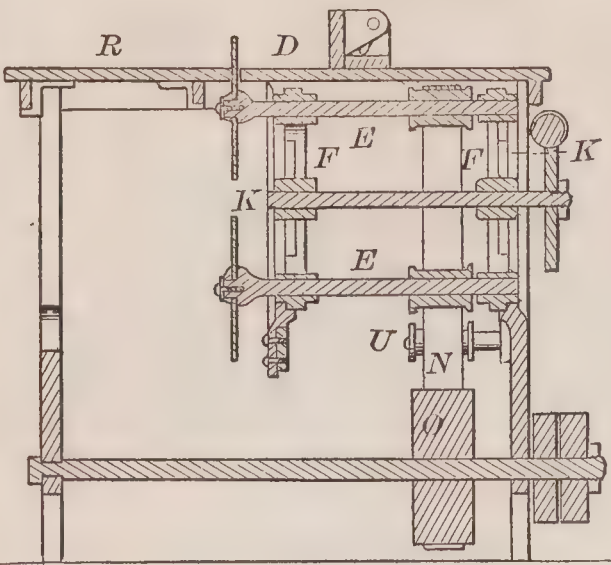
82259—J. Webb—Clothes Wringer.



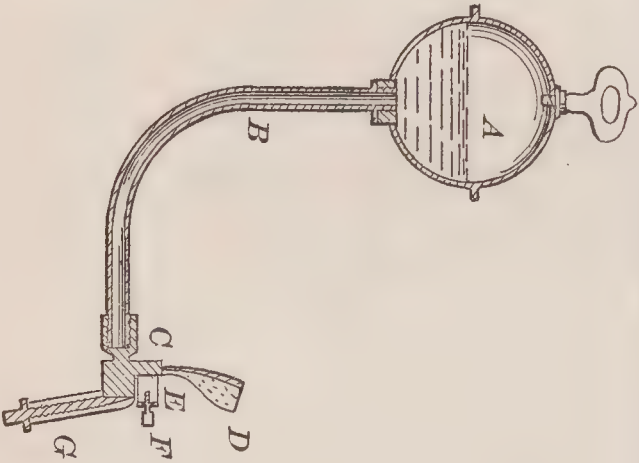
82258—F. A. Thuer—Revolving Fire Arm.



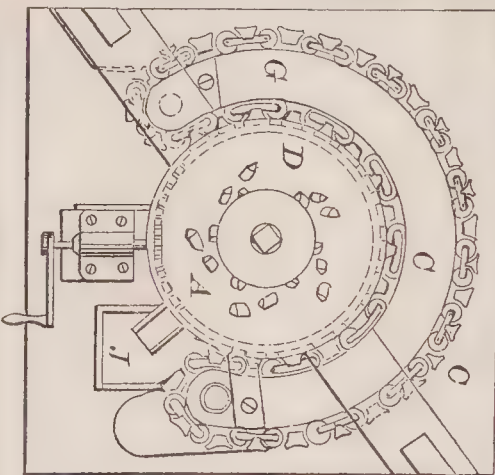
82257—H. Thompson—Sawing Machine.



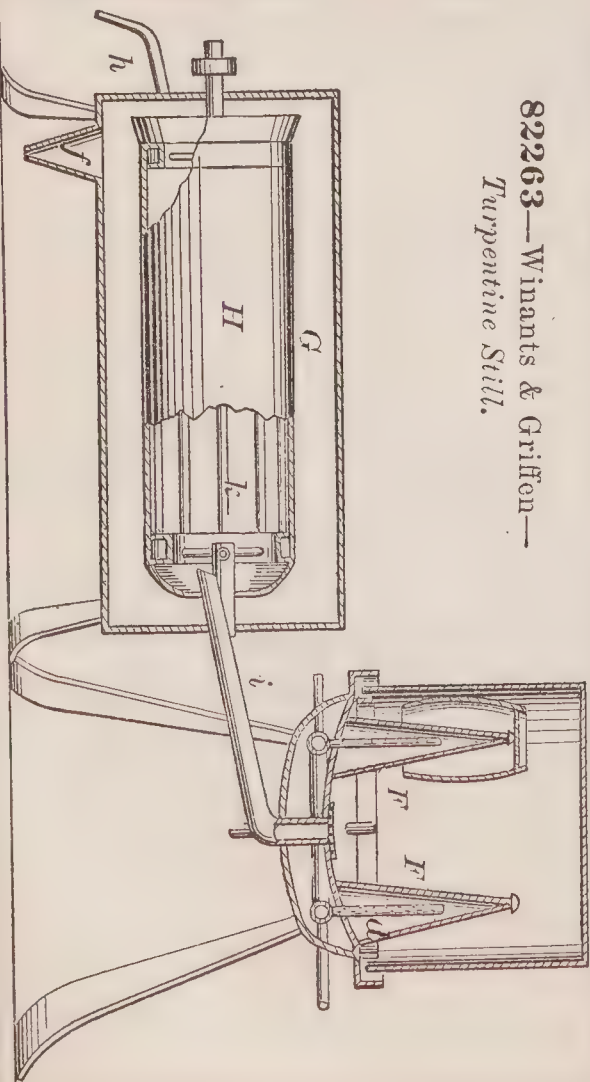
82262—C. Wintergerst—Vapor Burner.



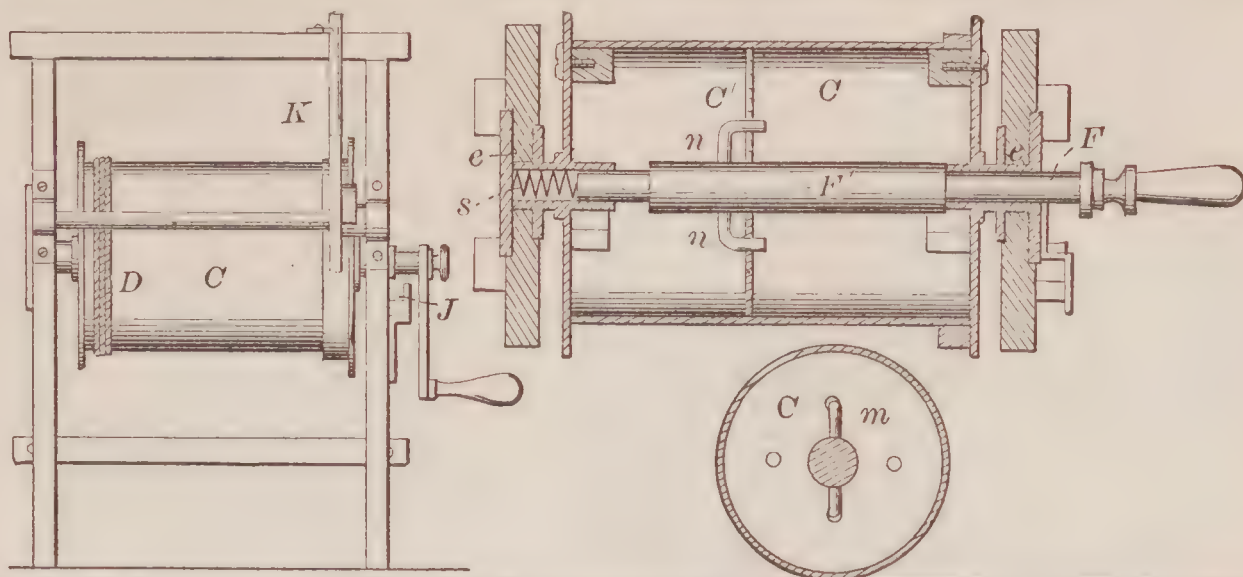
82261—C. Wilson—Cider Mill.



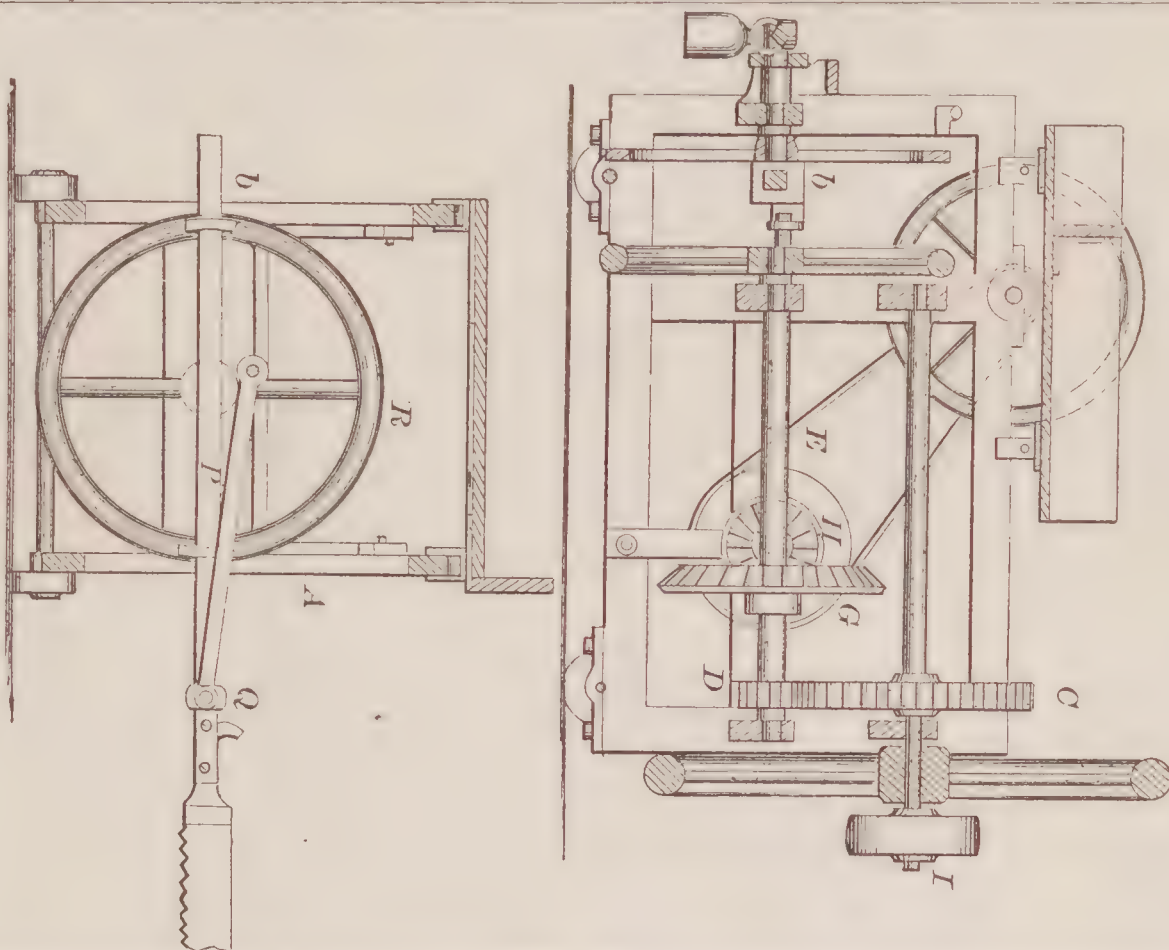
82263—Winants &amp; Griffen—Turpentine Still.



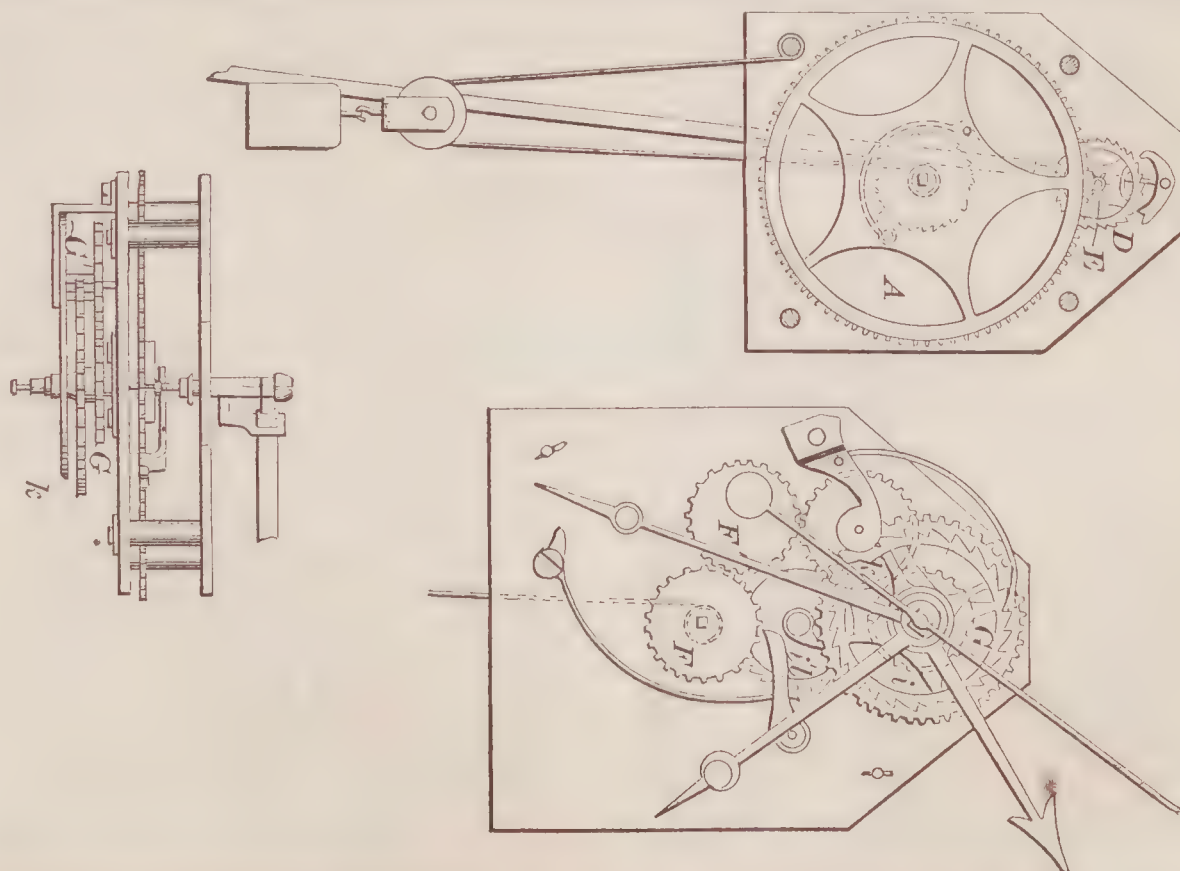
82264—C. F. Woodruff—*Water Elevator.*



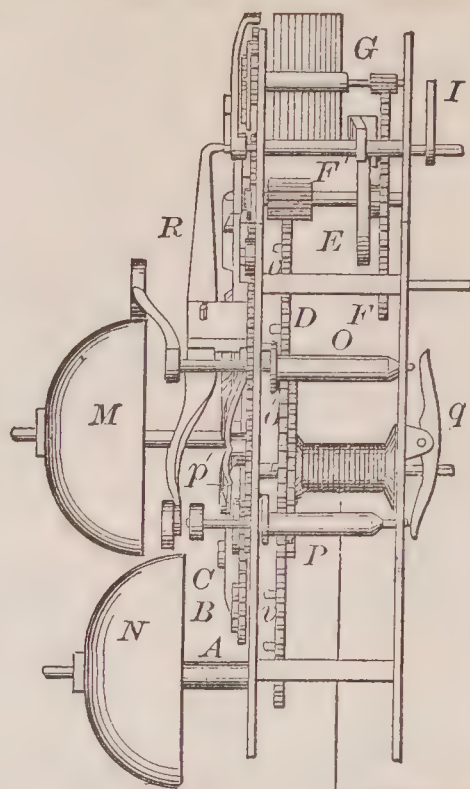
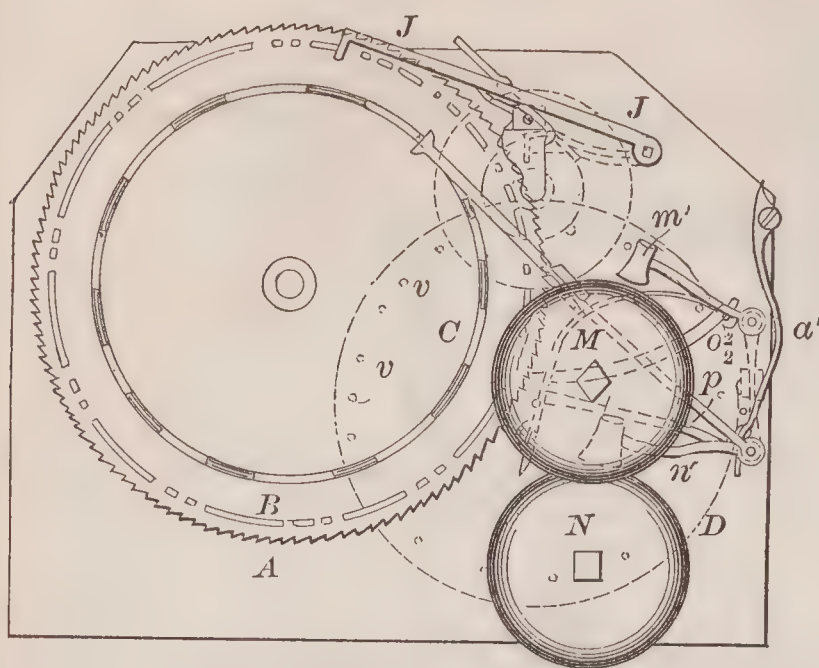
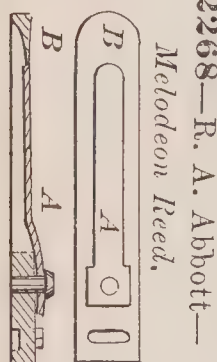
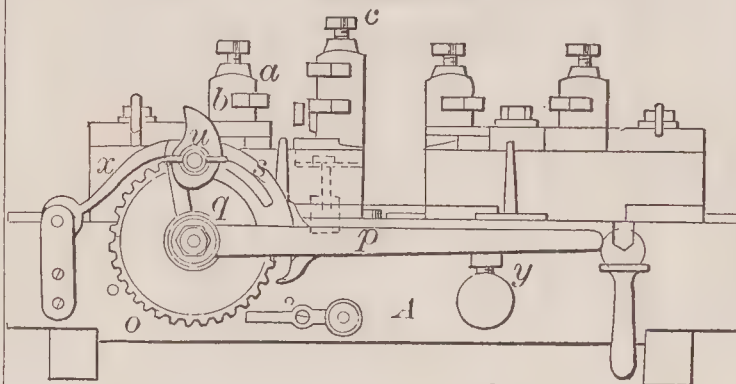
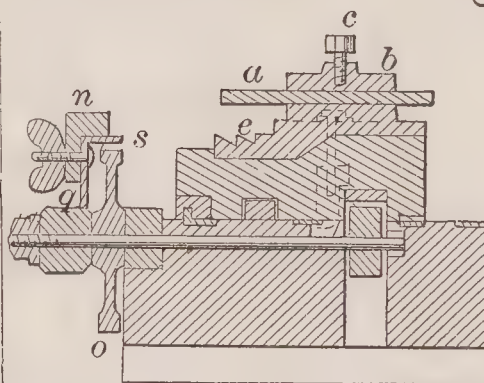
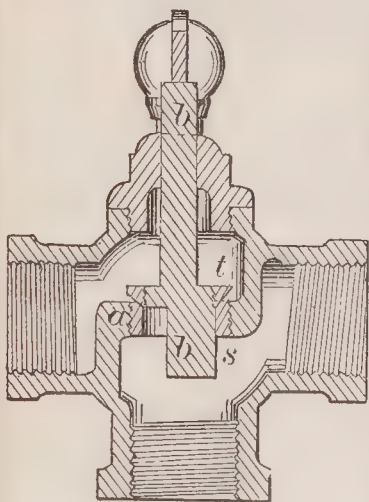
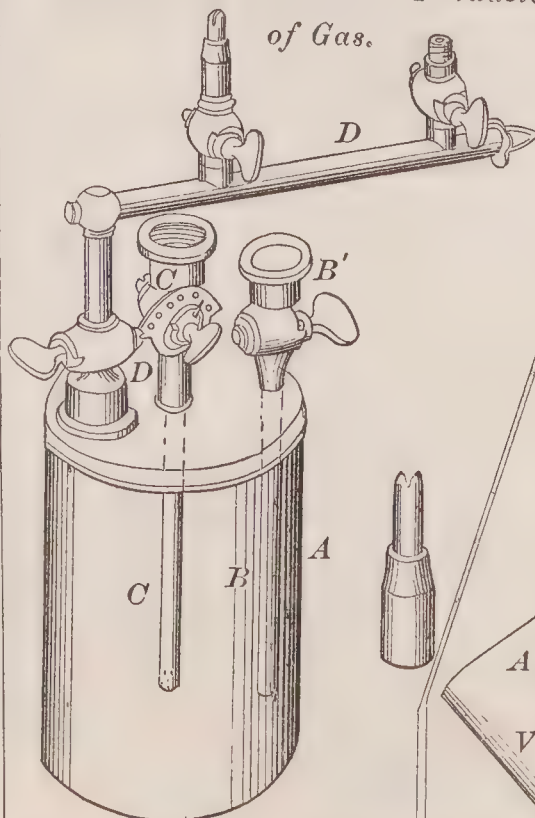
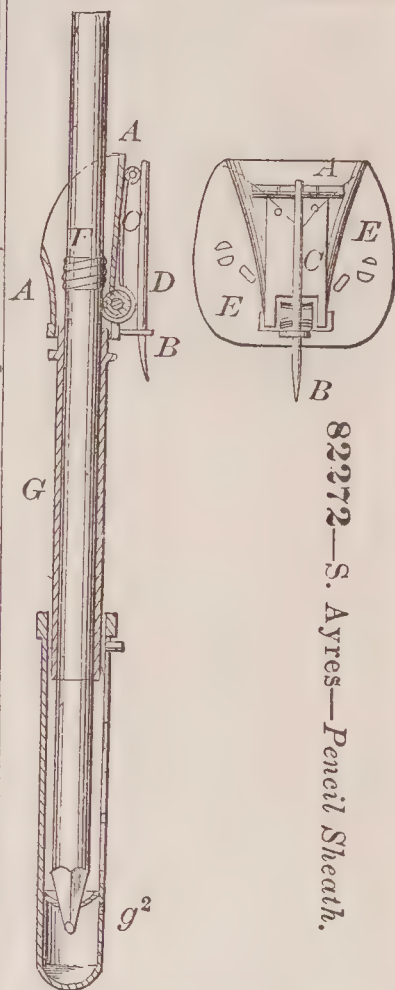
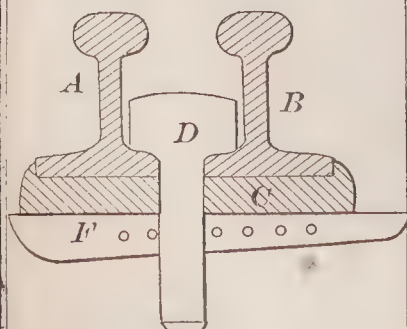
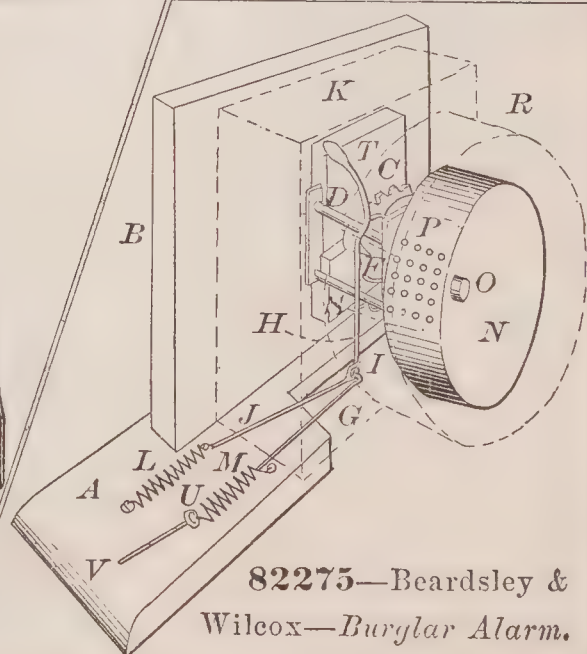
82265—O. C. Moore—*Sawing Machine.*



82266—J. B. Mayer—*Clock.*

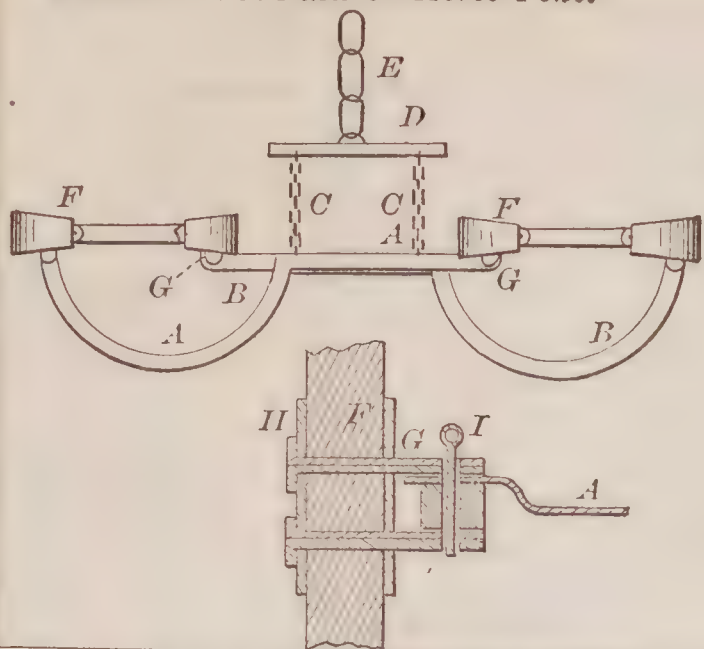




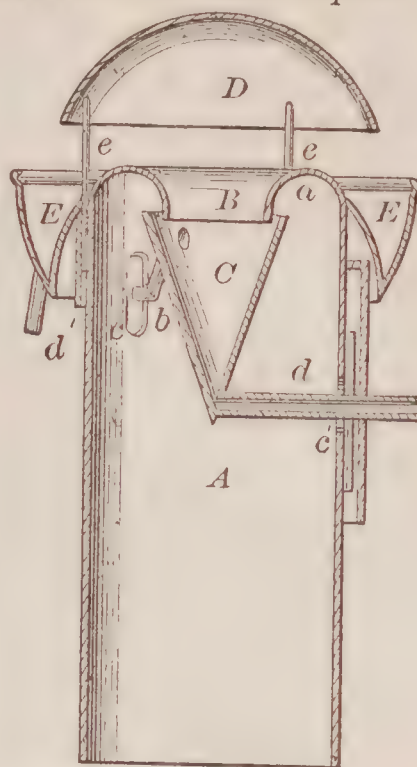
82267—J. B. Mayer—*Clock.*82269—A. A. Adams—*Head Block.*82268—R. A. Abbott—*Melodeon Reed.*82270—  
E. H. Ashcroft—  
*Steam Safety Valve.*82273—A. Barbarin—*Production  
of Gas.*82271—  
W. B. Atkinson—  
*Railroad Rail Clamp.*82272—S. Ayres—*Pencil Sheath.*82275—Beardsley &  
Wilcox—*Burglar Alarm.*



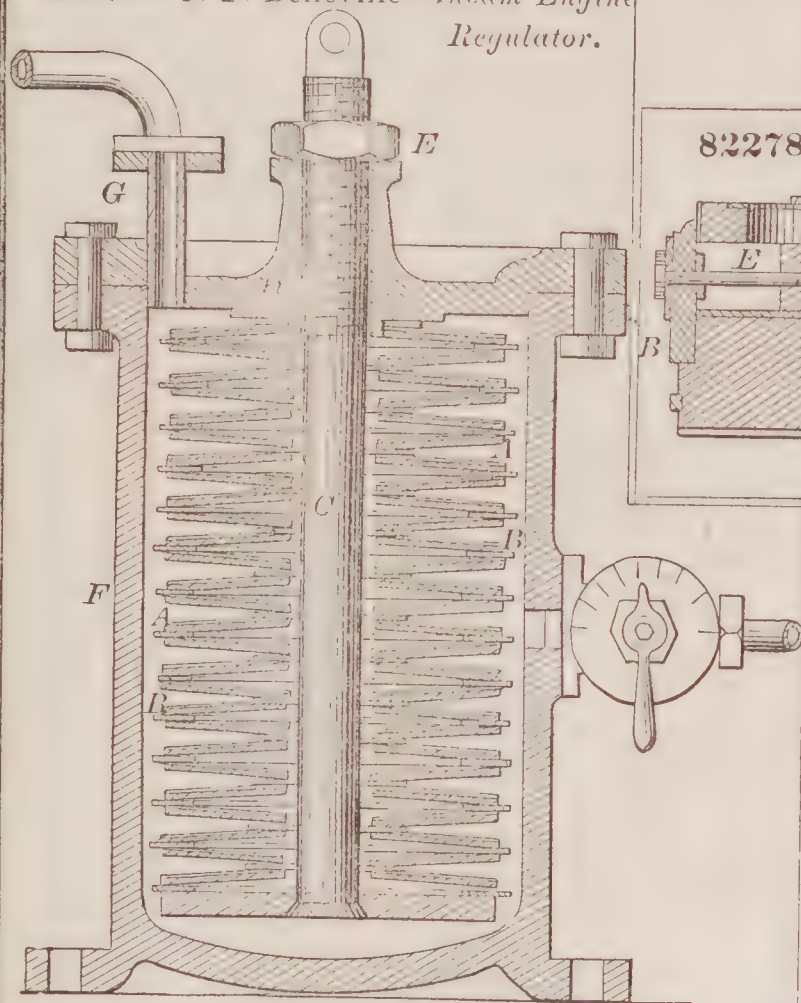
82274—T. J. Barnes—*Horse Yoke.*



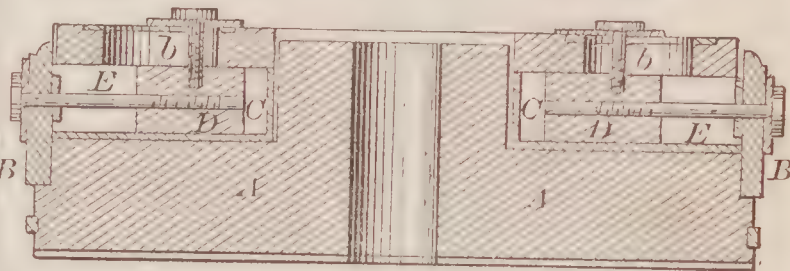
82277—W. C. Benn—*Spark Arrester.*



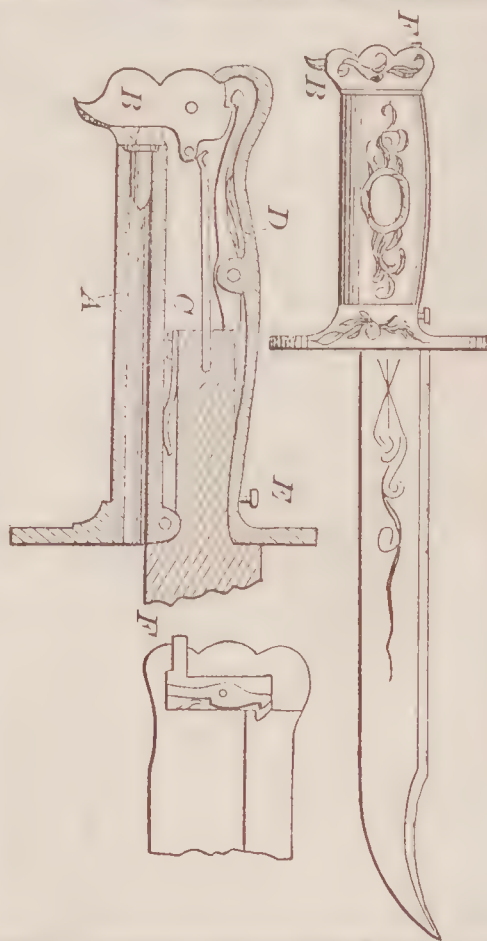
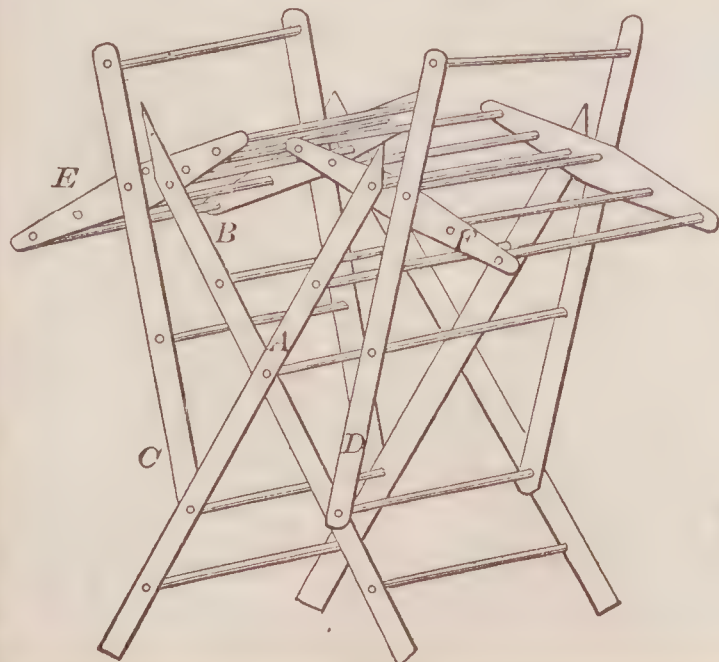
82276—J. F. Belleville—*Steam Engine Regulator.*



82278—W. C. Benn—*Mill Stone Balance.*

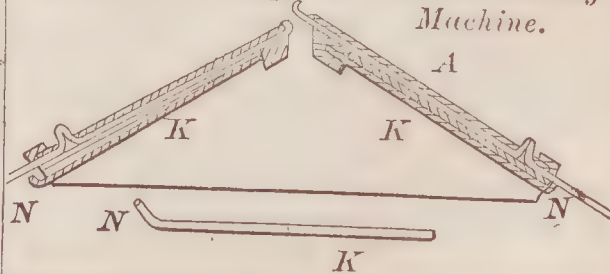


82280—J. B. Blood—*Clothes Dryer.*

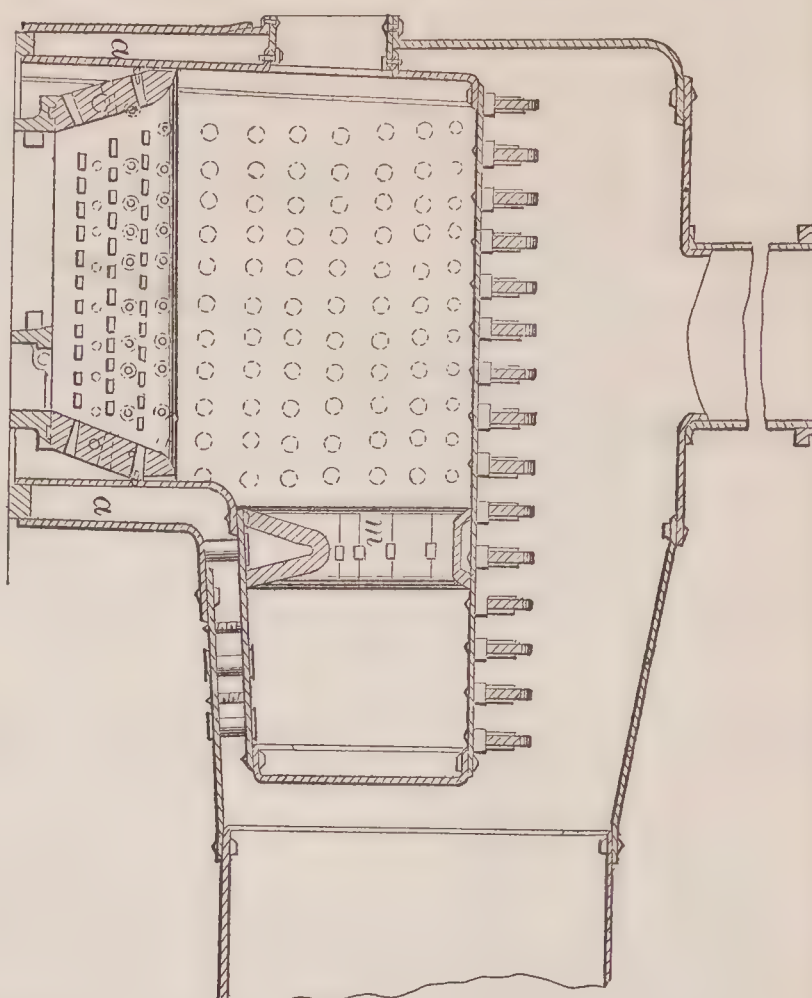
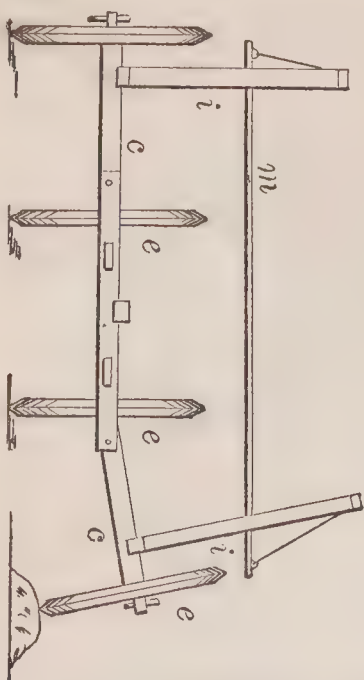
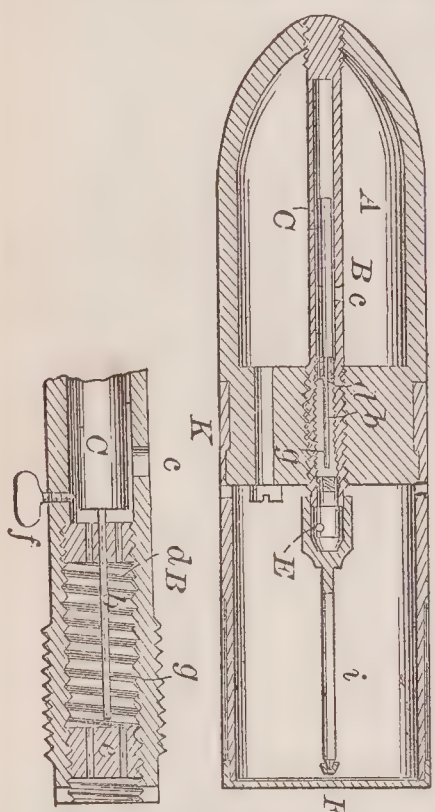
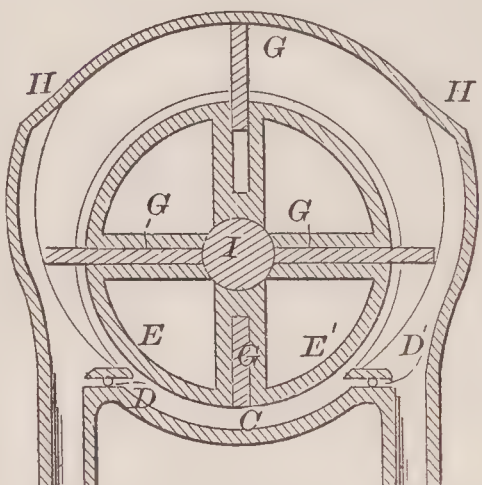
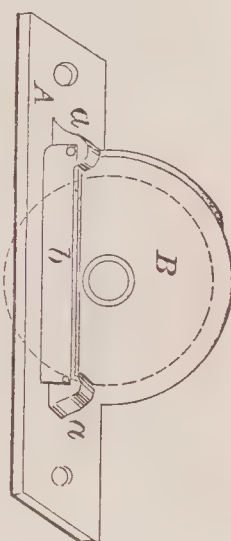
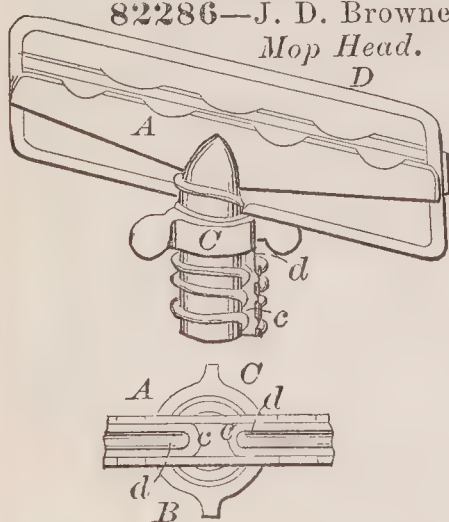
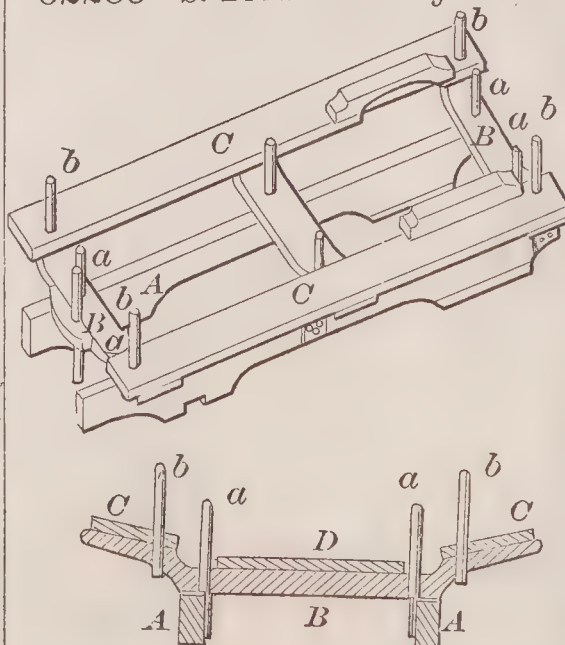
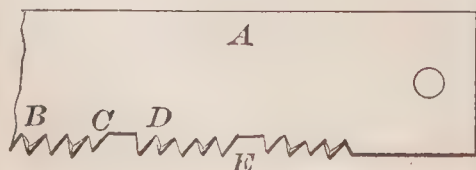
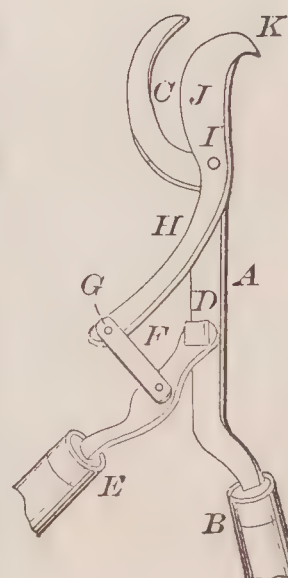


82279—C. E. Billings—*Pistol and Sword.*

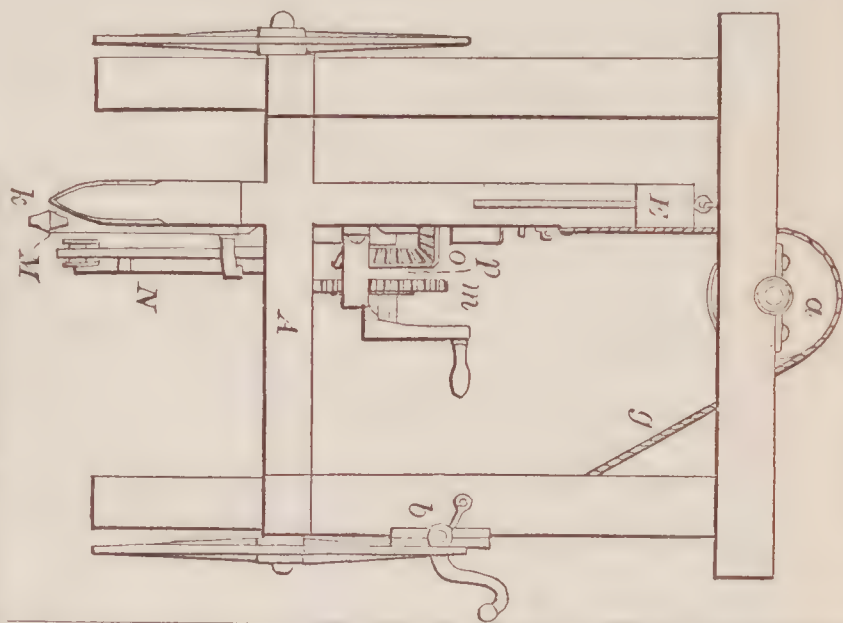
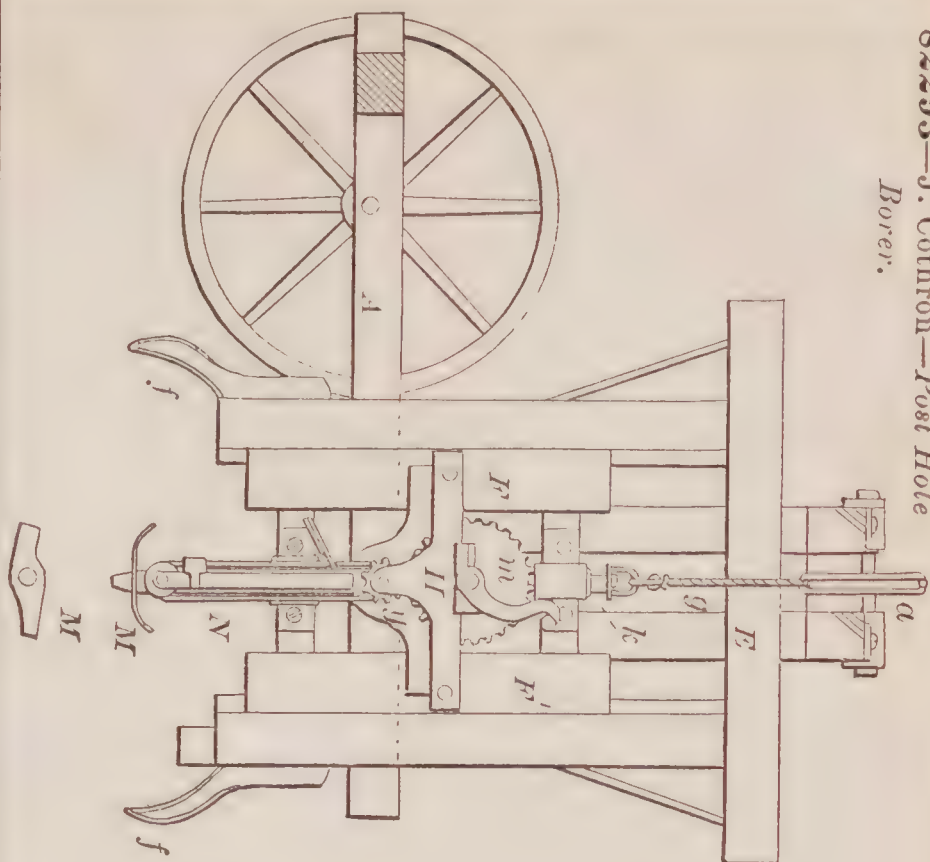
82281—Bollinger & Nodde—*Knitting Machine.*





82283—H. G. Brooks—*Steam Generator.*82282—W. L. Bower—*Landmarker.*82284—C. F. Brown—*Projectile.*82285—A. W. Browne—*Steam Engine.*82287—J. D. Browne—*Sash Pulley.*82286—J. D. Browne—*Mop Head.*82288—S. Brownell—*Hay Rack.*82289—B. F. Burgess—*Saw.*82290—L. Campbell—*Pruning Shears.*

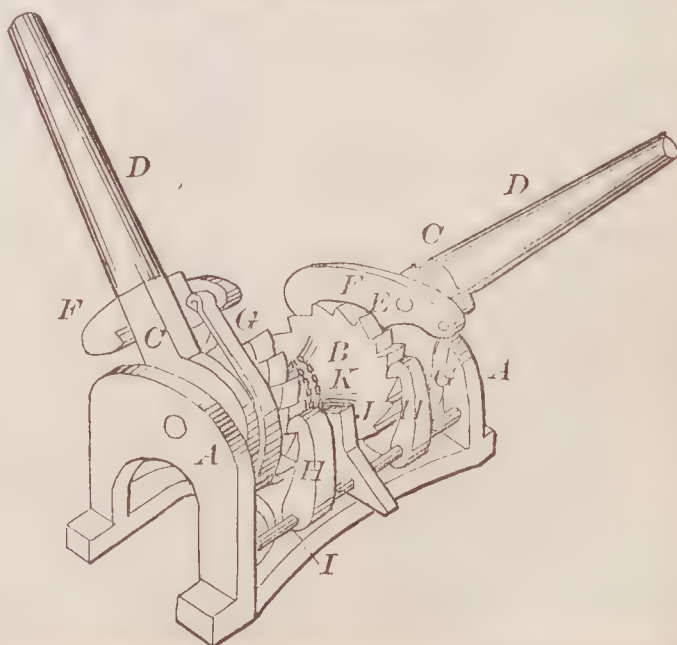
82293—J. Cothron—Post Hole Borer.



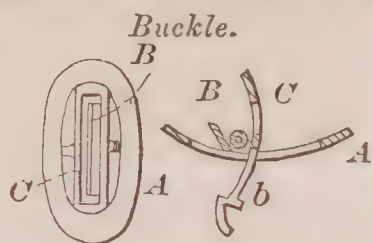
82294—W. W. Crane—Furnace Door.



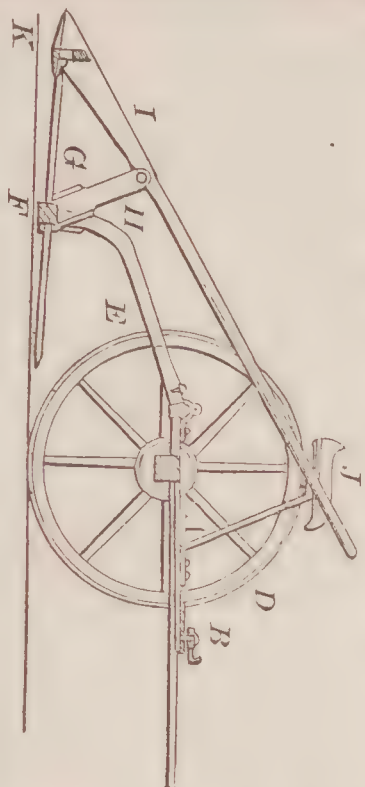
82295—A. Day—Windlass.



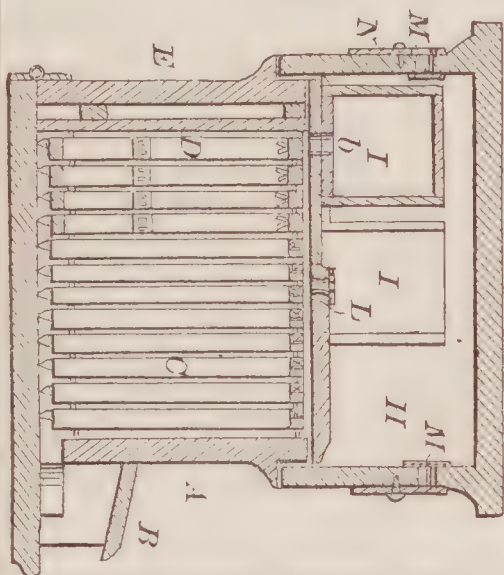
82291—F. Clausen—Belt



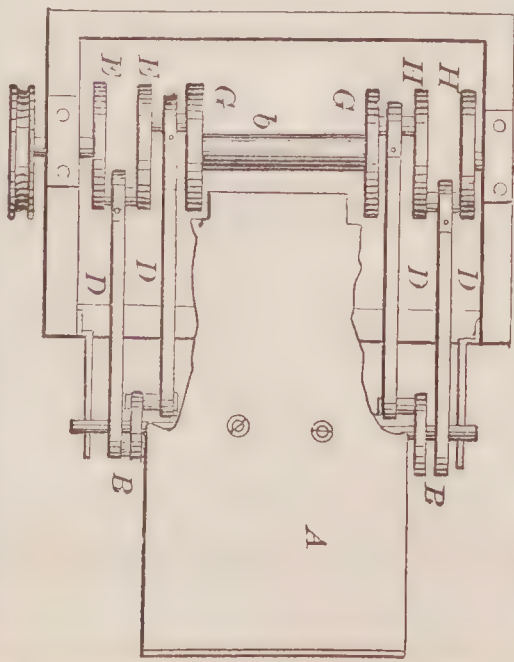
82292—W. H. Cook—Horse Rake.



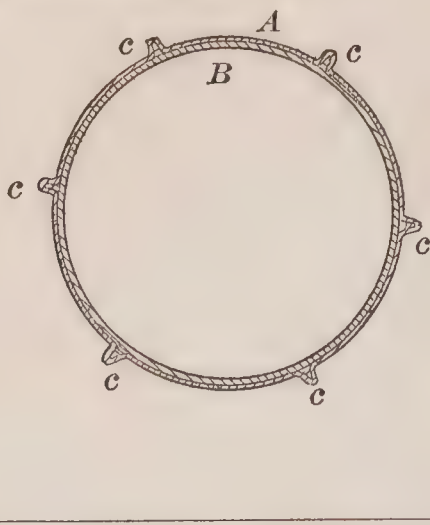
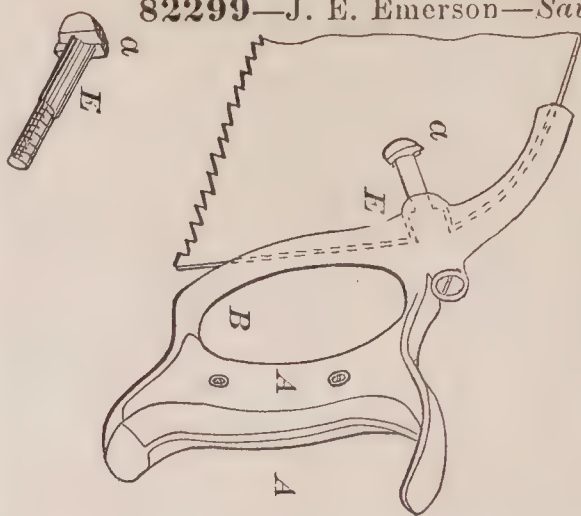
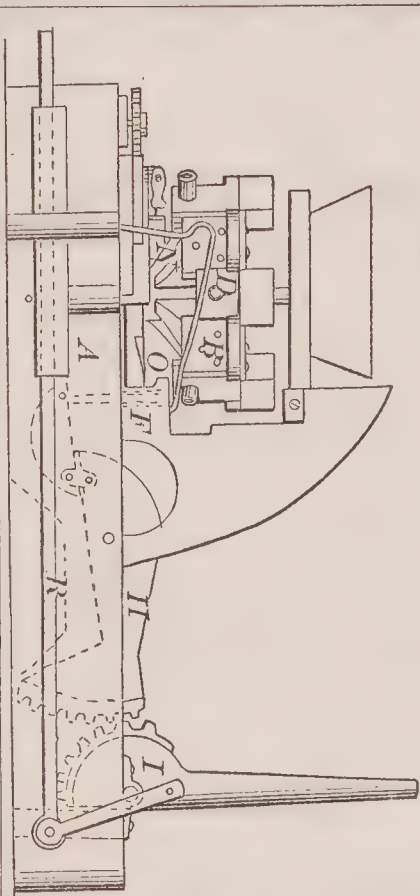
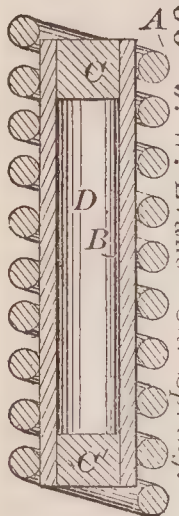
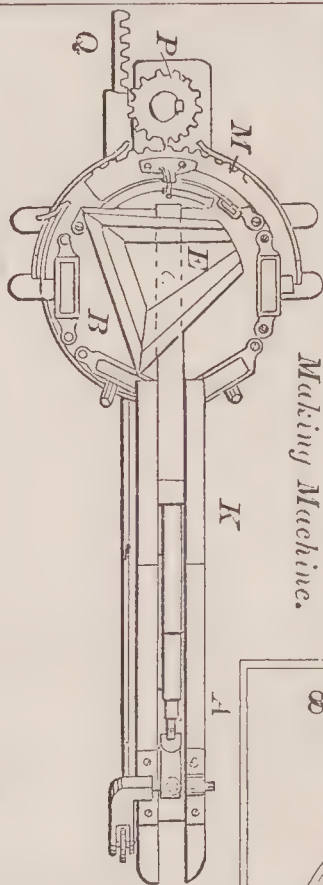
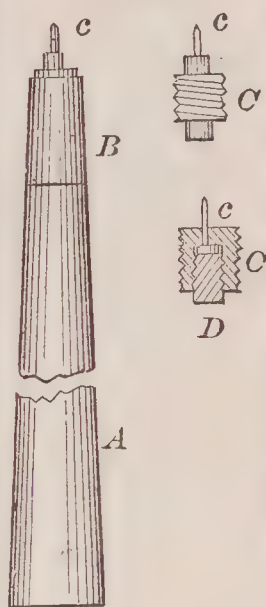
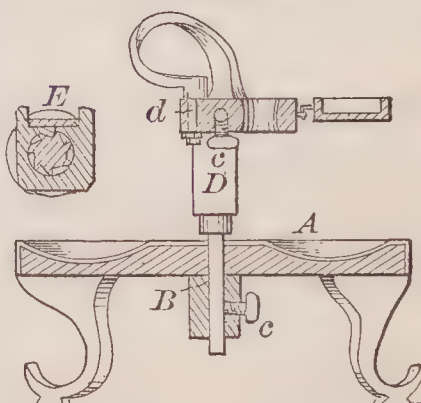
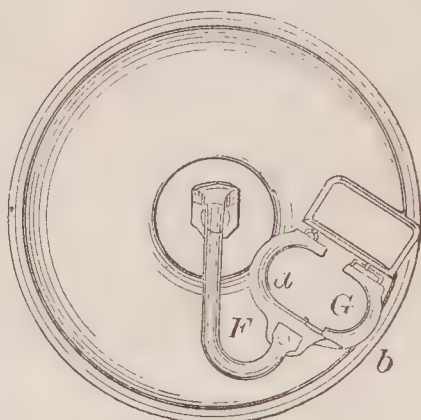
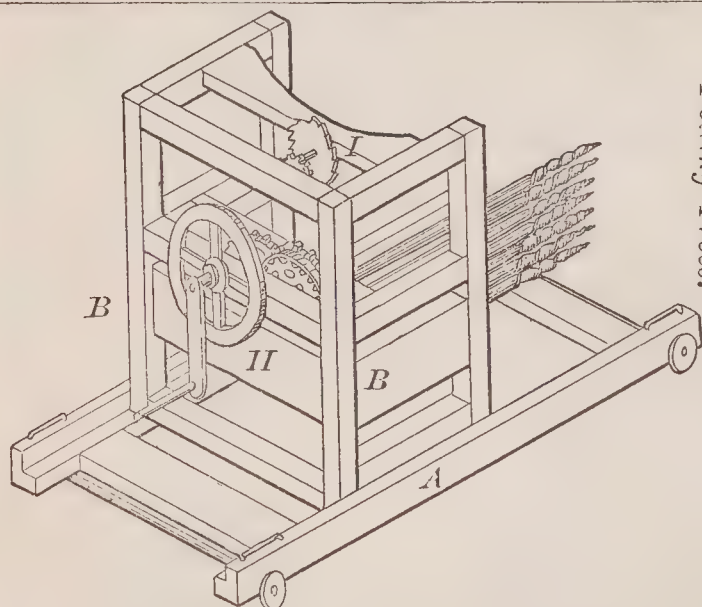
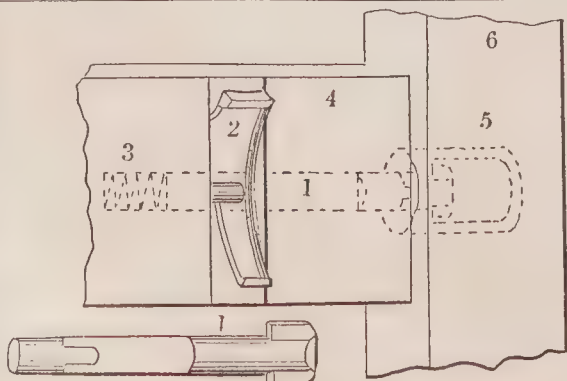
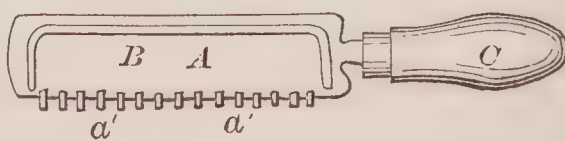
82298—G. Eason—Beehive.



82296—J. G. Deshler—For Converting Motion.

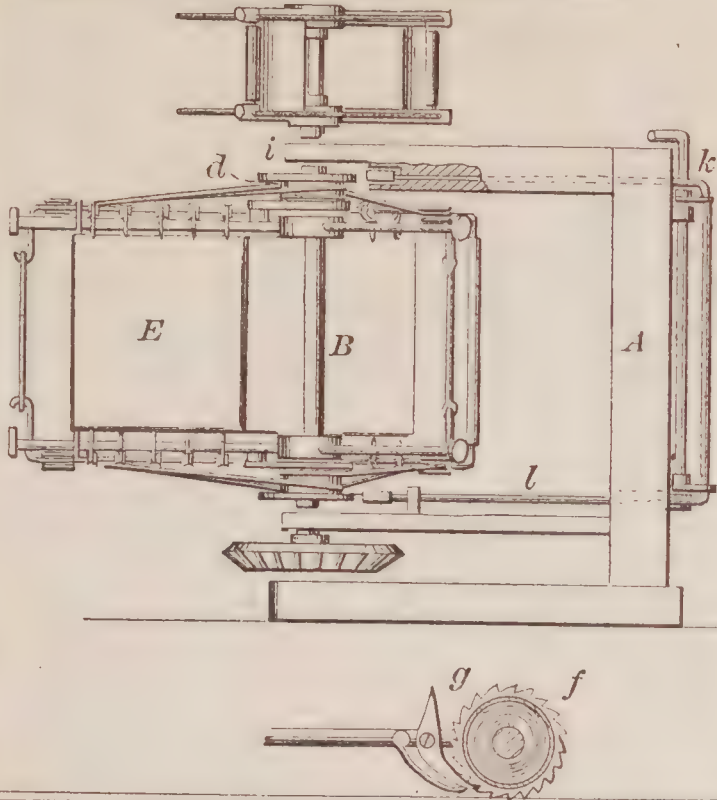




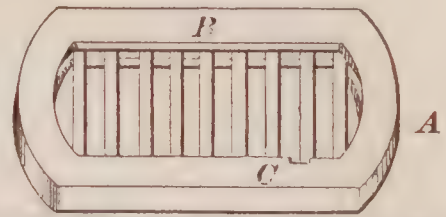
82297—A. M. Duburn—*Lantern.*82299—J. E. Emerson—*Saw.*82300—J. W. Evans—*Car Spring.*82301—O. V. Evans—*Concrete Block Making Machine.*82302—F. Flanders—*Whip Goad.*82304—F. A. Geisler—*Baby Walker.*82303—M. R. Fory—*For Felling Trees.*82305—C. M. Gilbert—*Bedstead Fastening.*82306—W. L. Gilroy—*Knife.*



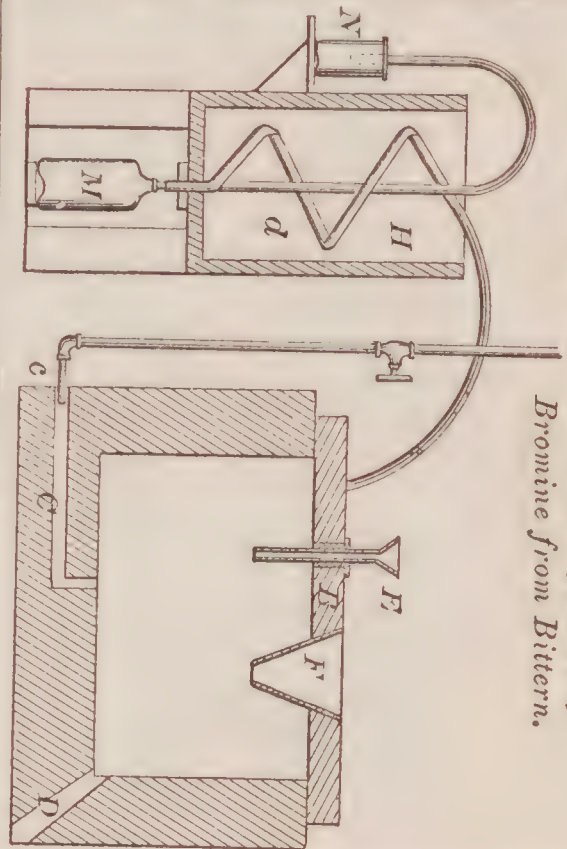
82307—B. H. Goodale—Wind Wheel.



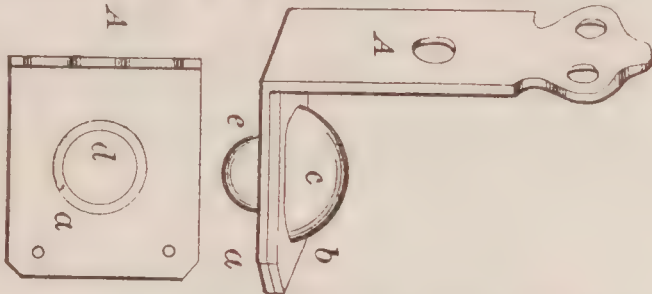
82308—J. M. Groh—Mat.



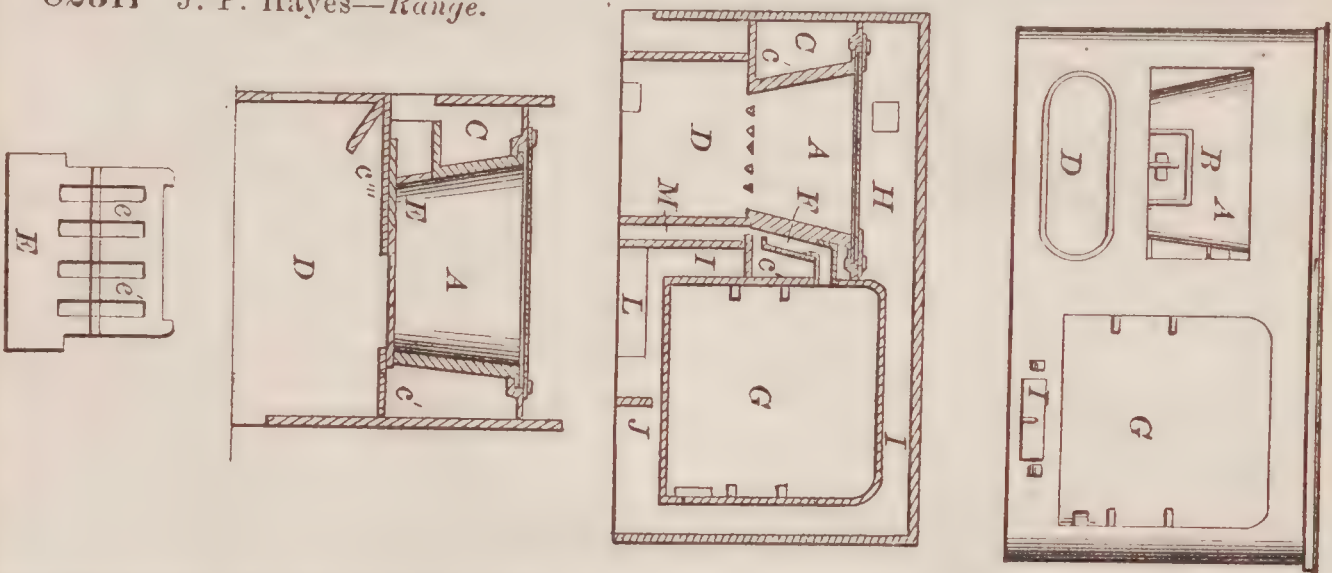
82309—G. A. Hagemann—Manufacture of Bromine from Bittern.



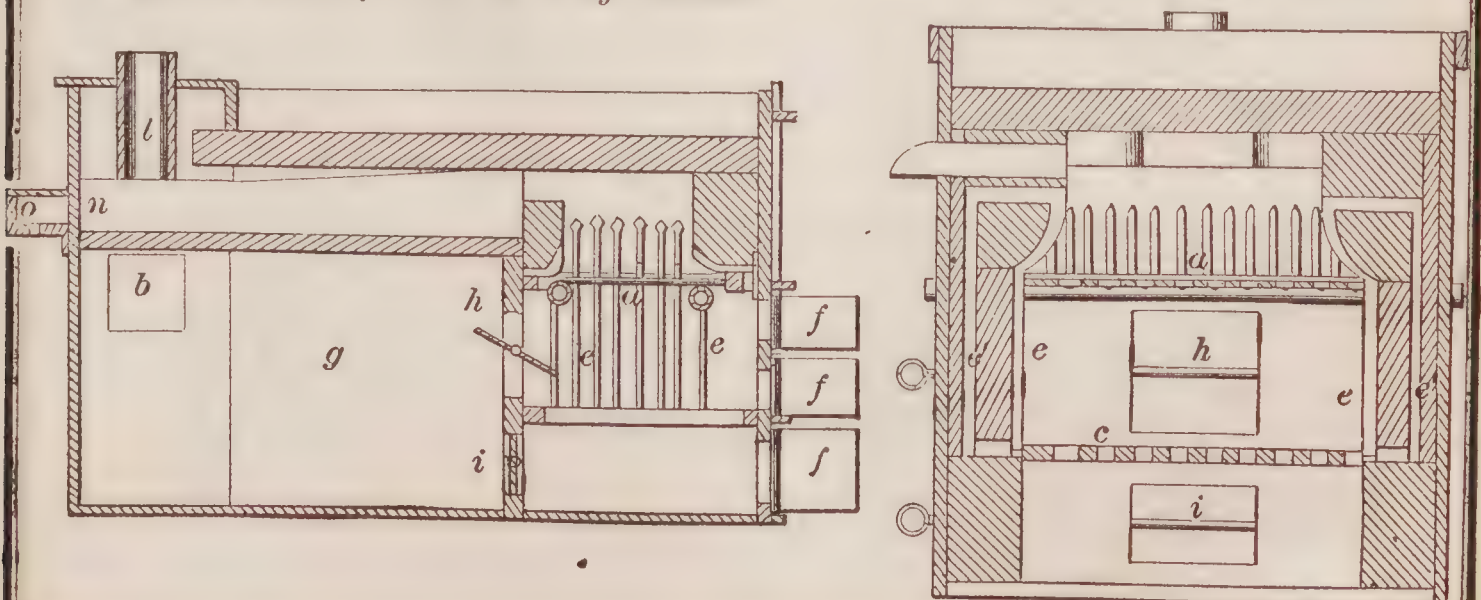
82310—J. W. C. Haskell—Caster.



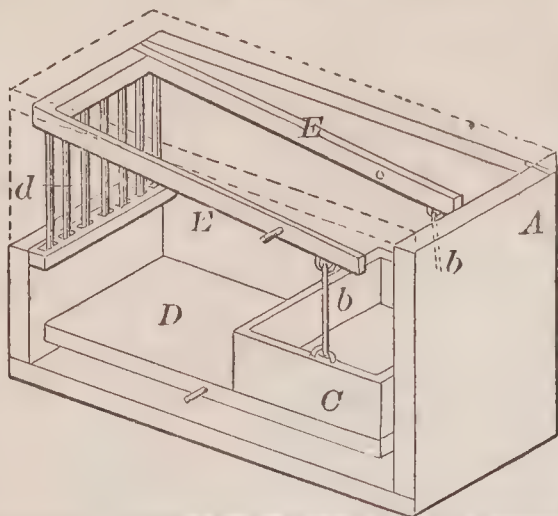
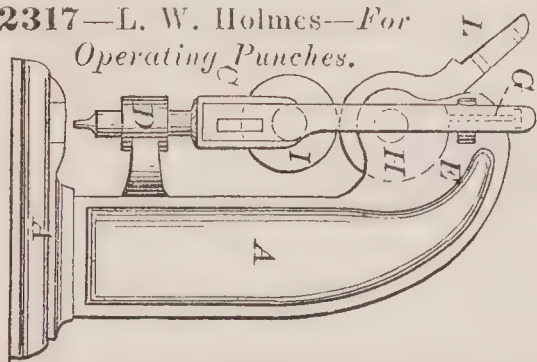
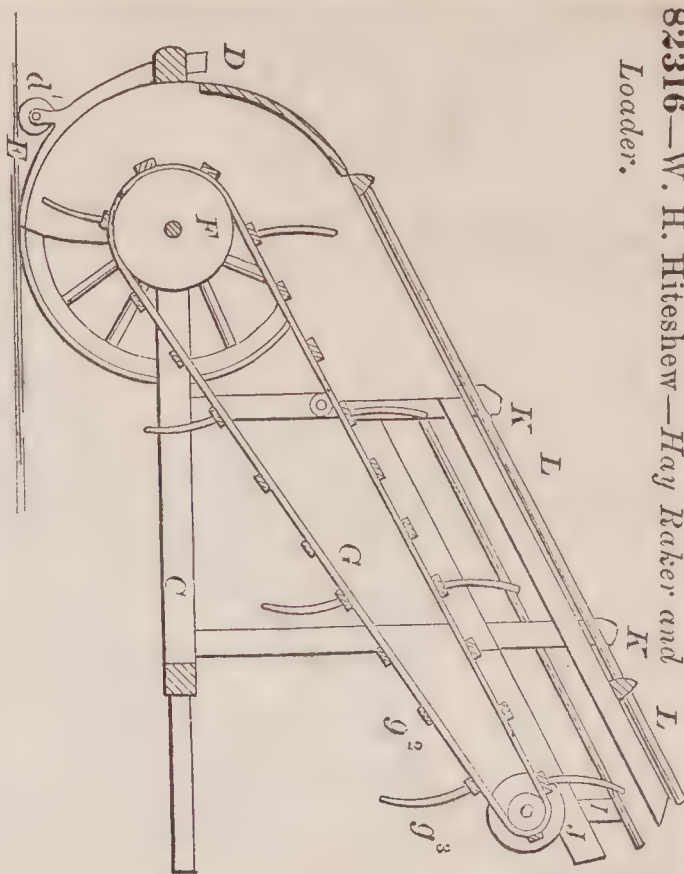
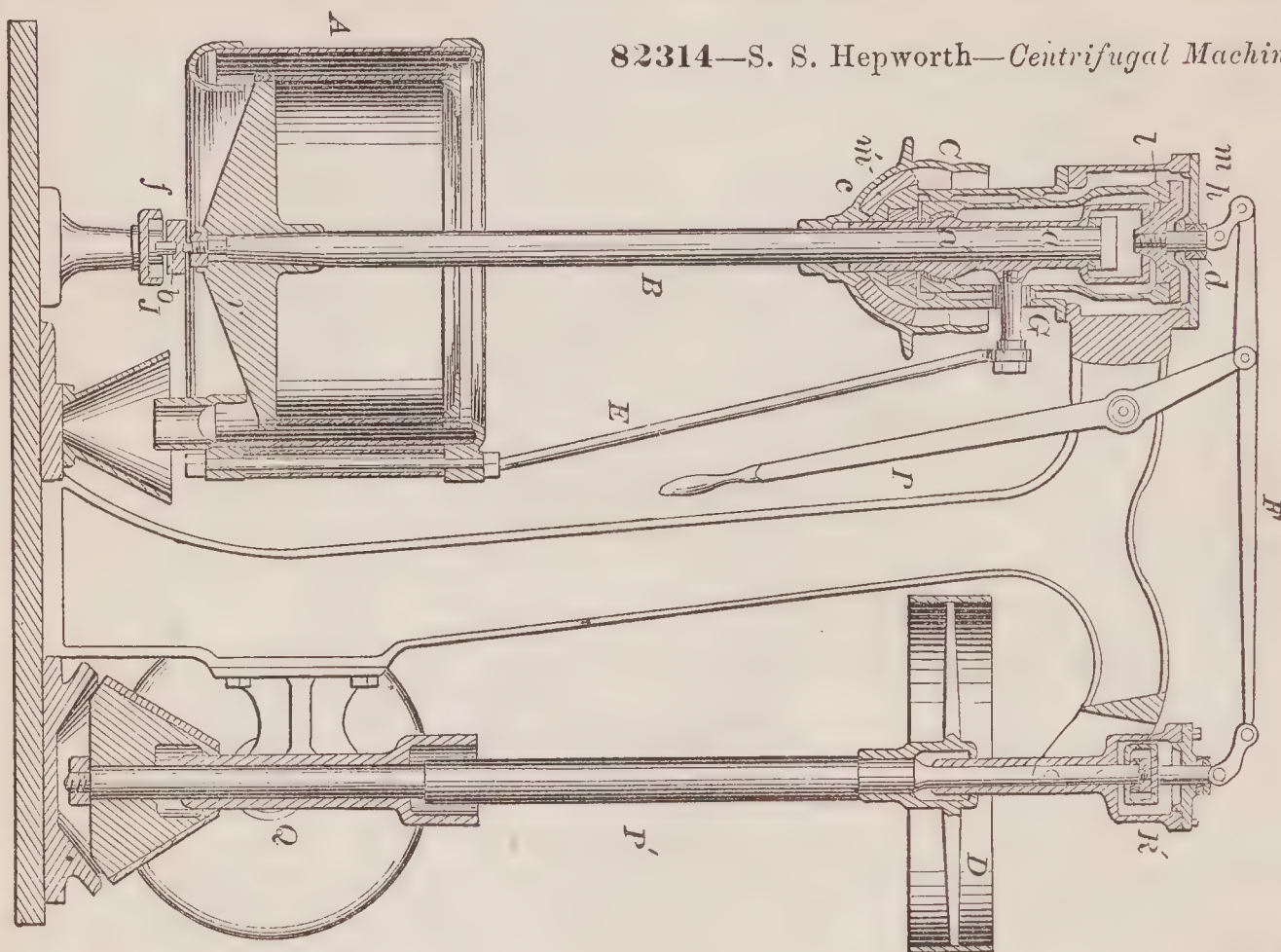
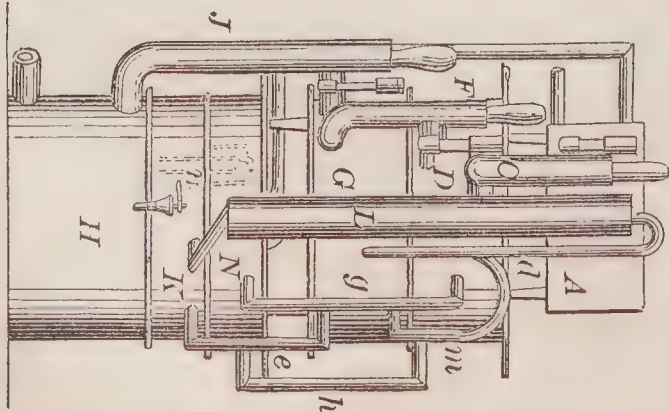
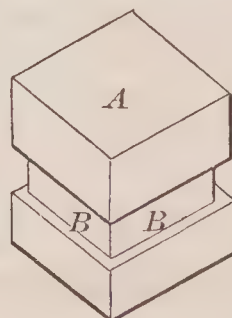
82311 J. P. Hayes—Range.



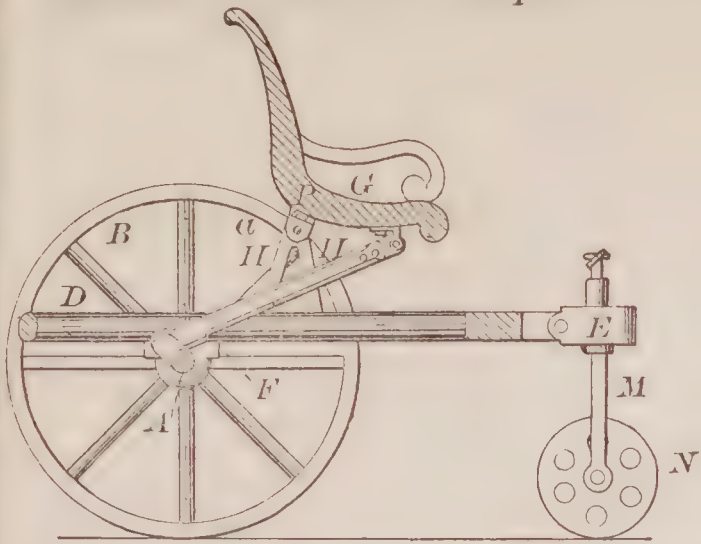
82313—J. Heatley—Iron Working Furnace.



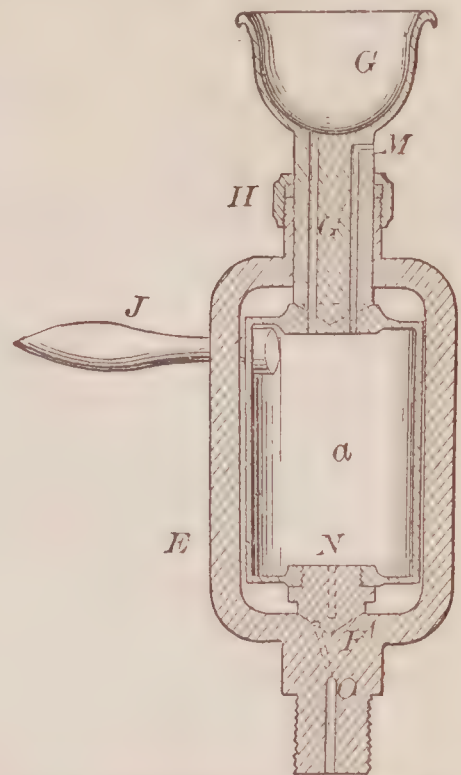


82312—B. F. Hayward—*Hen's Nest.*82317—L. W. Holmes—*For Operating Punches.*82316—W. H. Hiteshew—*Hay Raker and Loader.*82314—S. S. Hepworth—*Centrifugal Machine.*82318—N. Hotz—*Still.*82320—D. W. Hunt—*Pavement.*

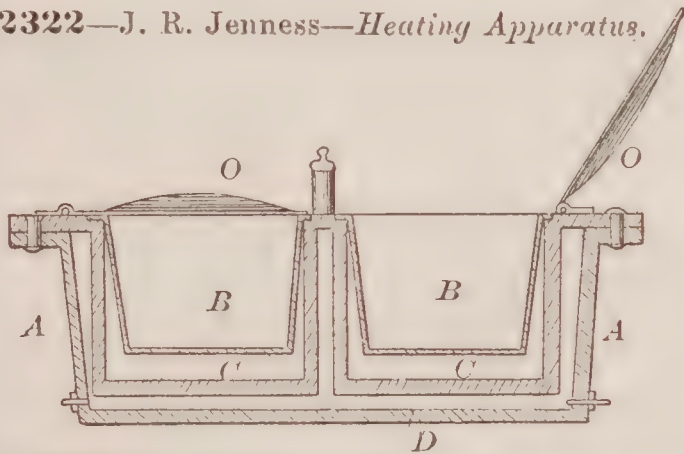
82319—D. Hunt, Jr.—*Velocipede.*



82321—E. Hurd—*Oil Cup.*



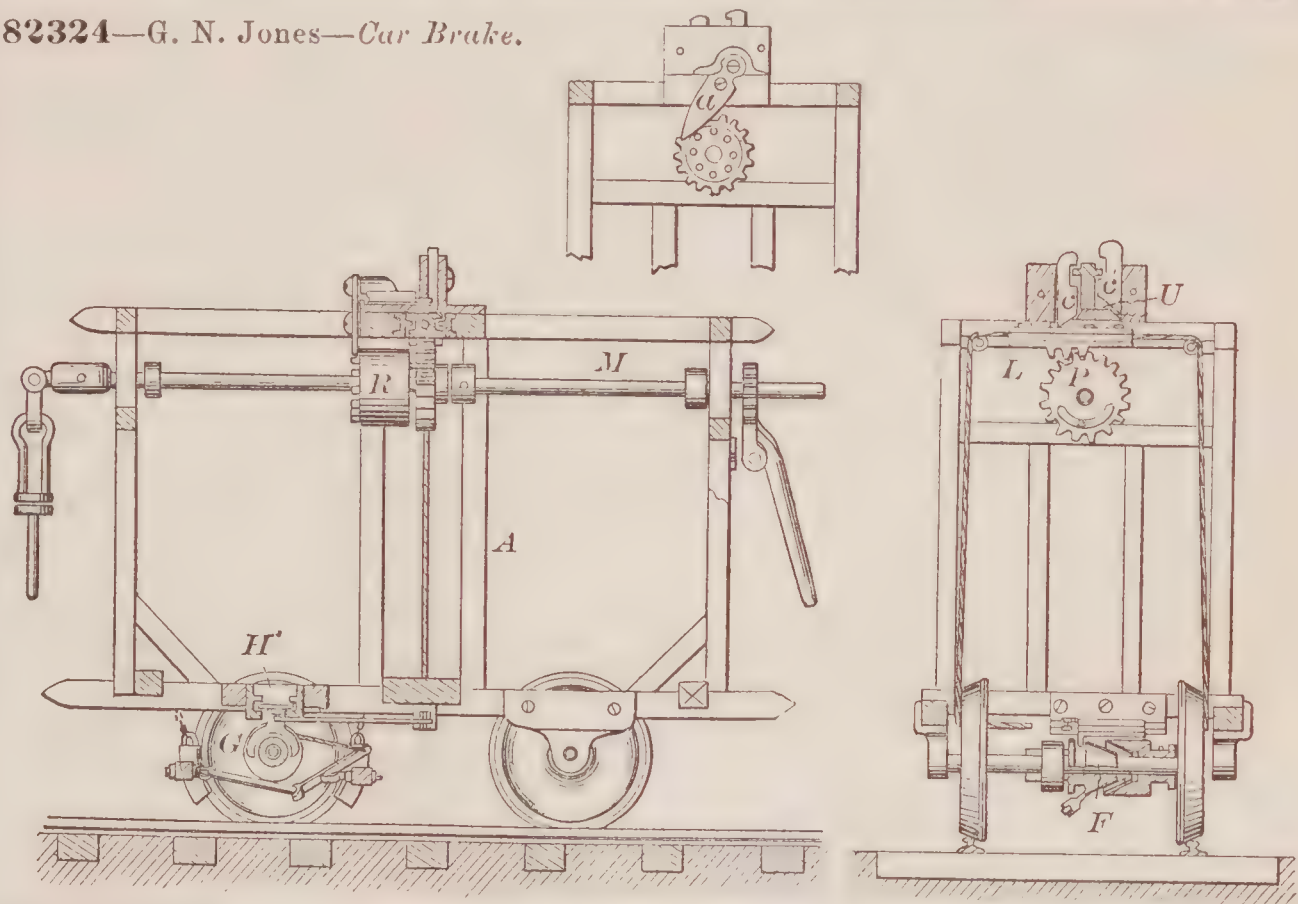
82322—J. R. Jenness—*Heating Apparatus.*



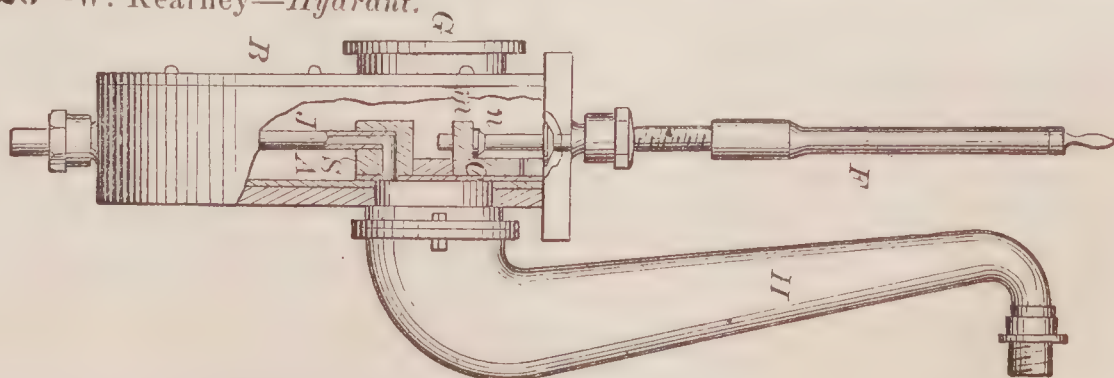
82323—A. Johnson—*Necktie.*



82324—G. N. Jones—*Car Brake.*

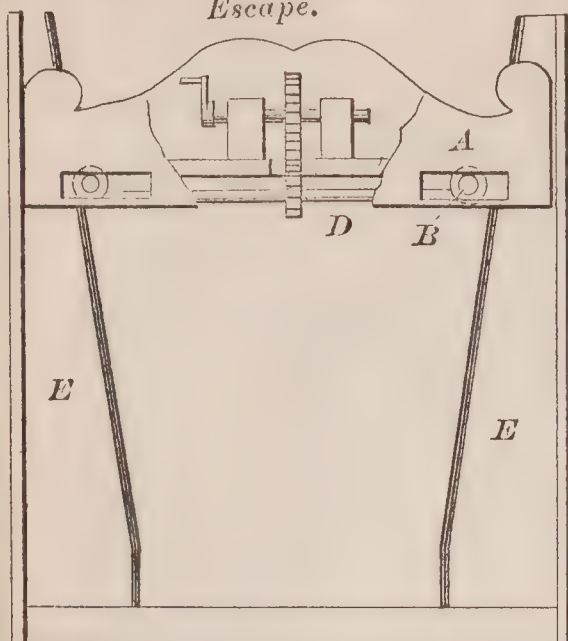


82326—W. Kearney—*Hydrant.*

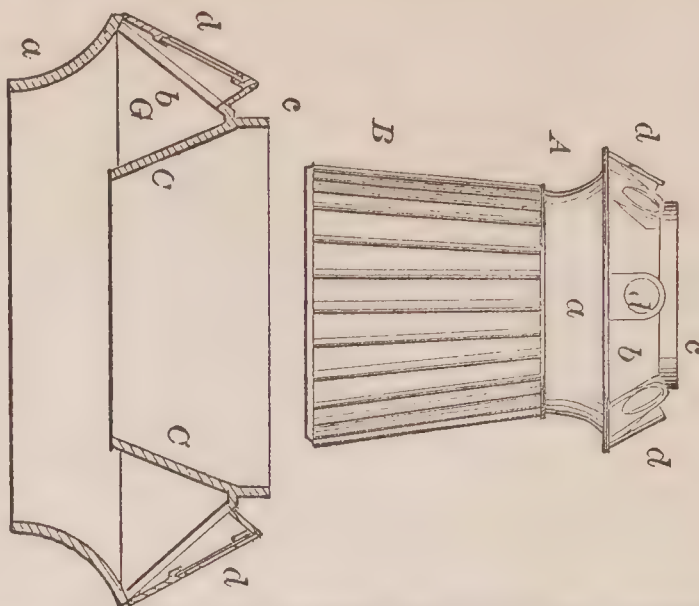




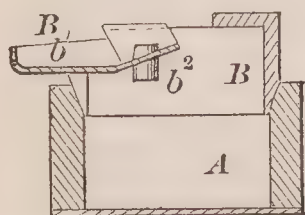
82325—J. L. Jürgens—*Fire Escape.*



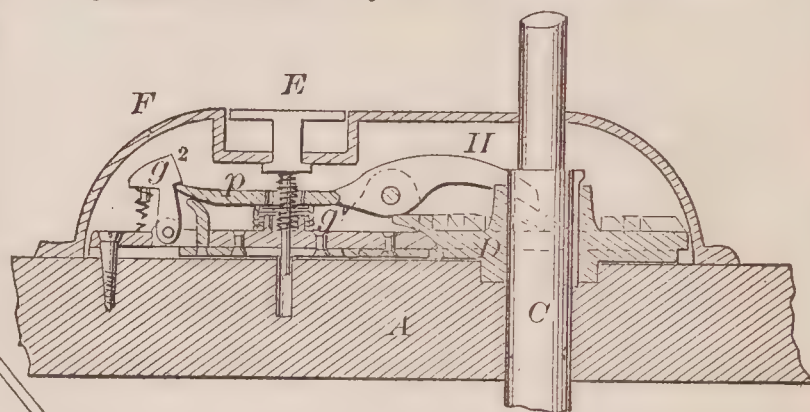
82327—J. H. Keyser—*Stove.*



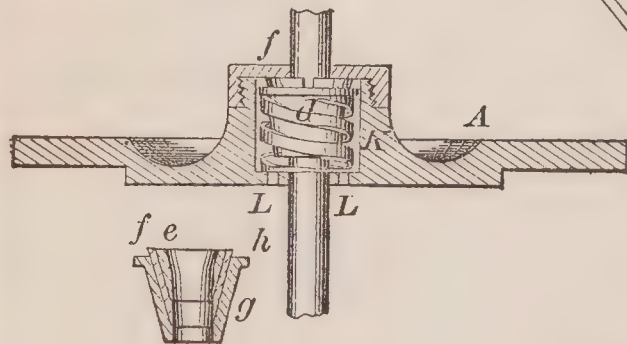
82330—J. B. Lewis—*Skimmer.*



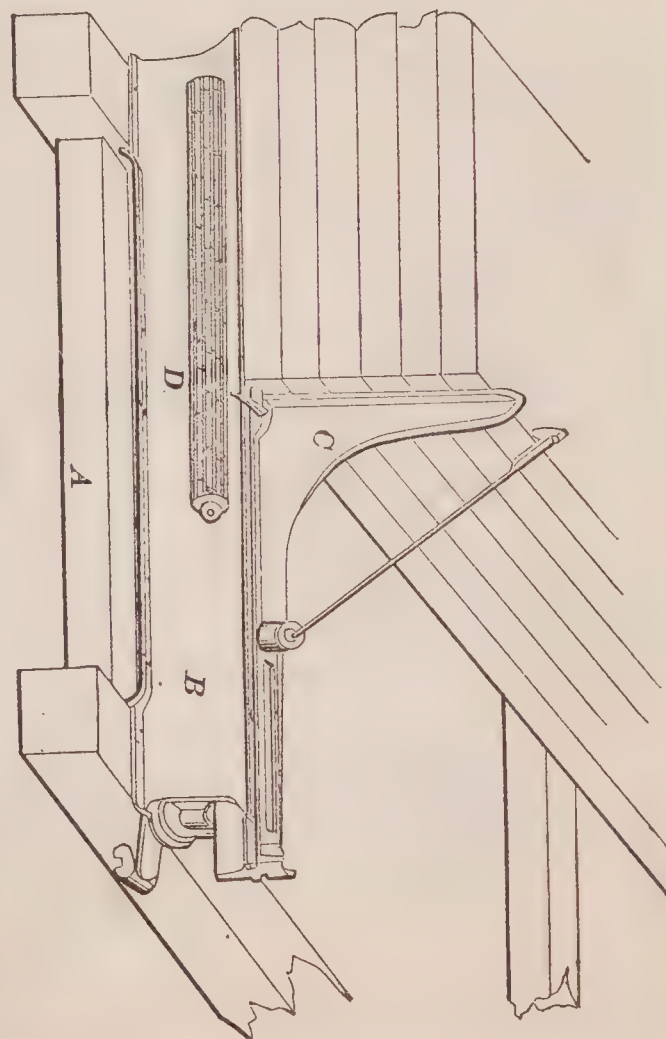
82329—J. Kirkley—*Car Brake Attachment.*



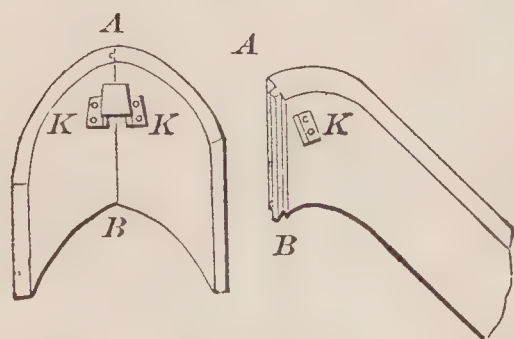
82331—S. Lockard—*Piston Rod Packing.*



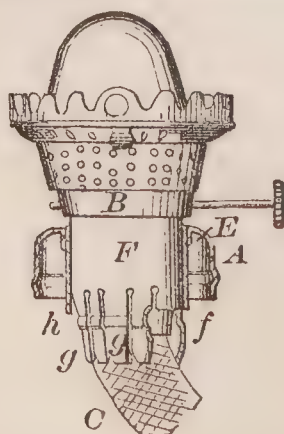
82328—W. A. L. Kirk—*Head Block.*



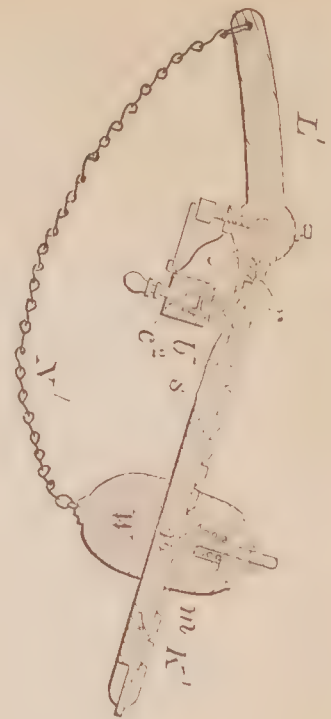
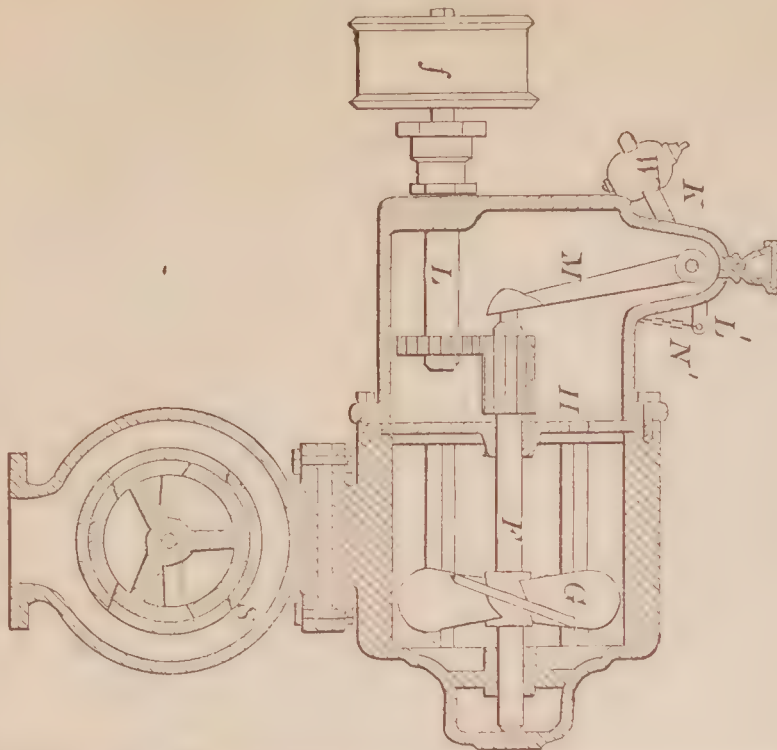
82333—M. R. Margerum—*Coffin.*



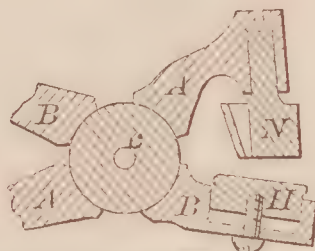
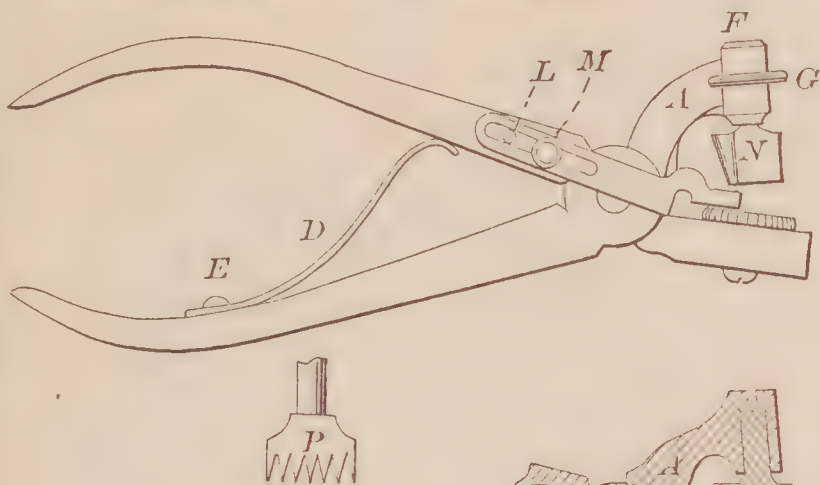
82334—J. P. McGee—*Lamp Burner.*



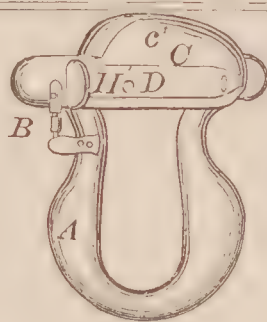
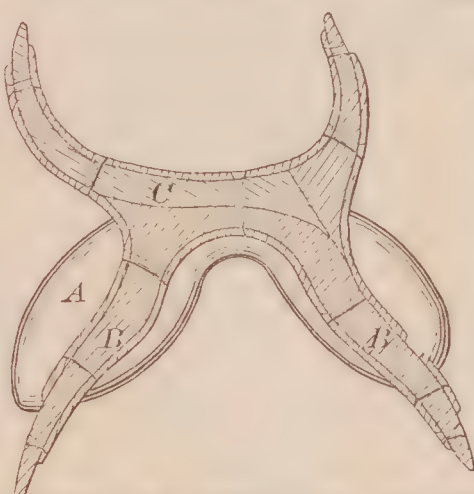
82332—Lynch & Huntoon—*Steam Engine Governor.*



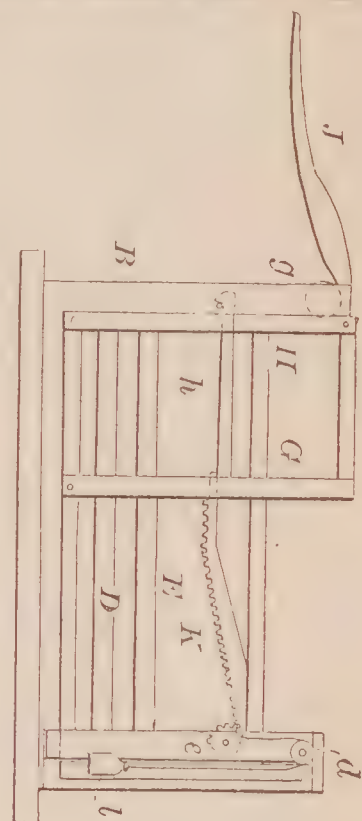
82335—J. L. McIntosh—*Pinking Tool.*



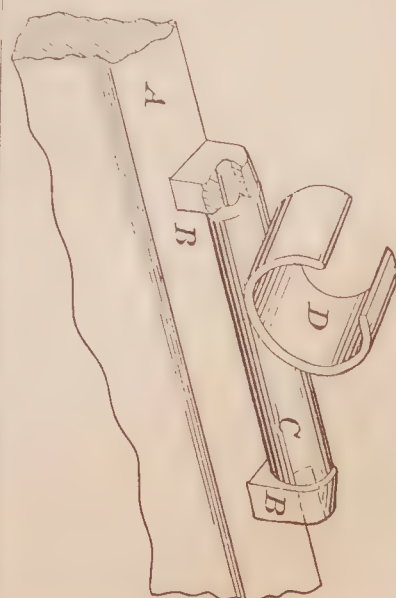
82337—J. C. Miller—*Side Saddle Tree.*



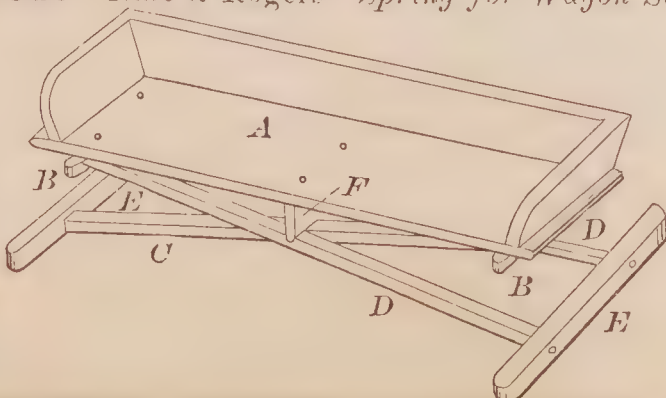
82336—A. W. Meek—*Gate.*



82338—P. H. Mills—*Row Lock.*

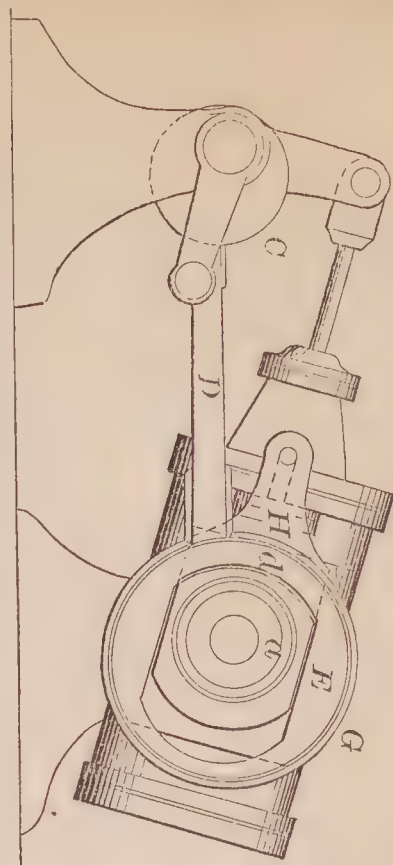


82340—Nale & Rogers—*Spring for Wagon Seats.*

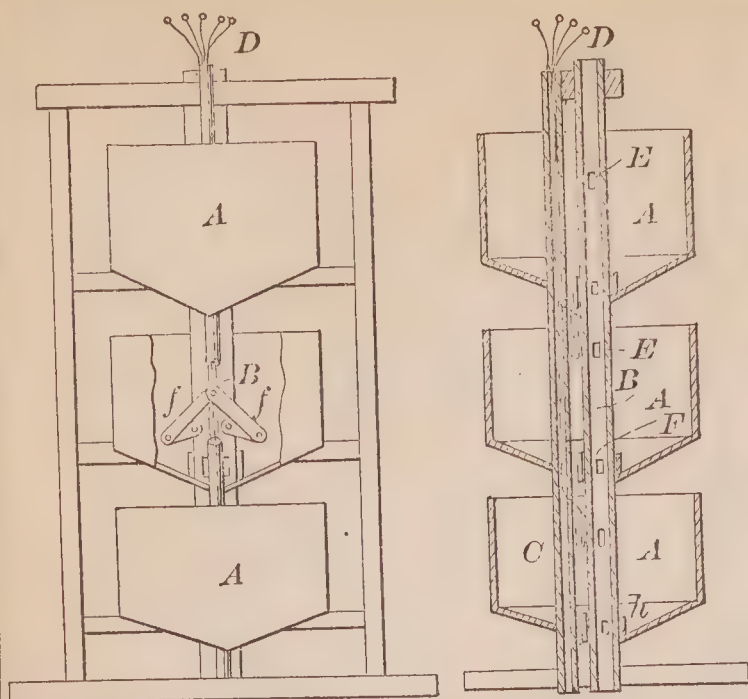




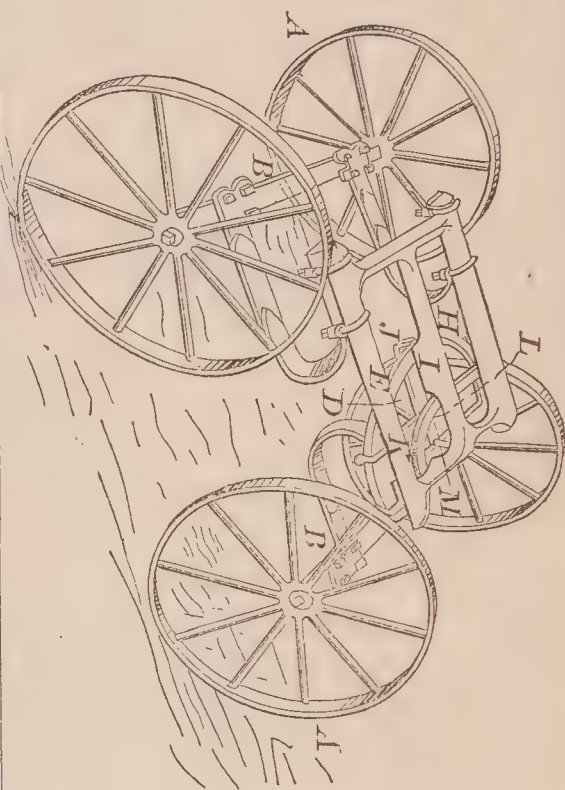
82342—C. H. & D. B. Overton—*Valve Gear for Oscillating Engines.*



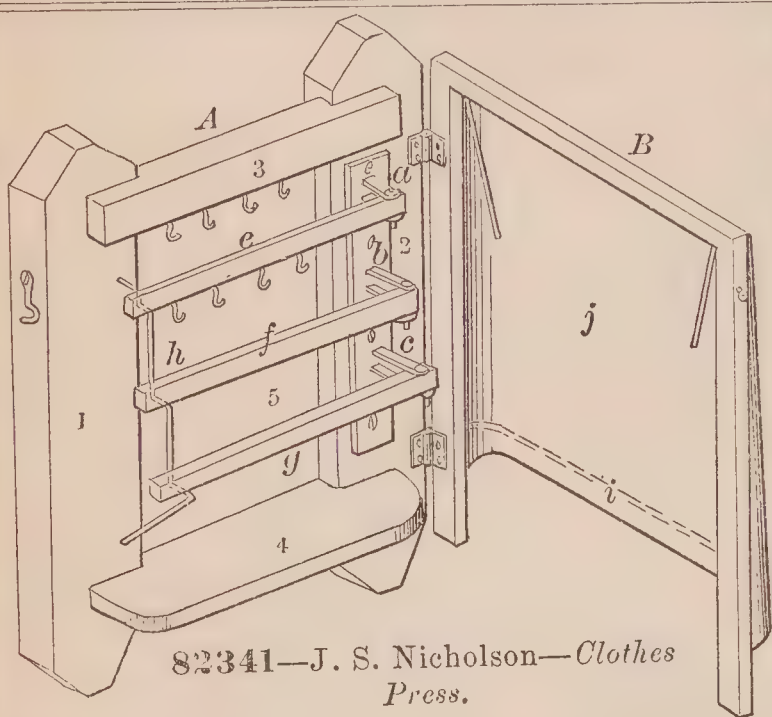
82339—R. M. Mitchell—*Grain Storer.*



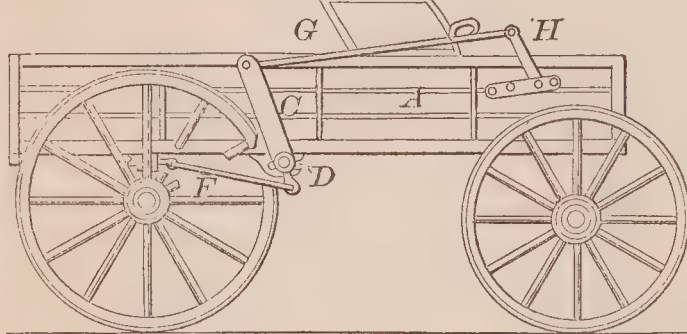
82343—A. & E. W. Pate—*Wagon.*



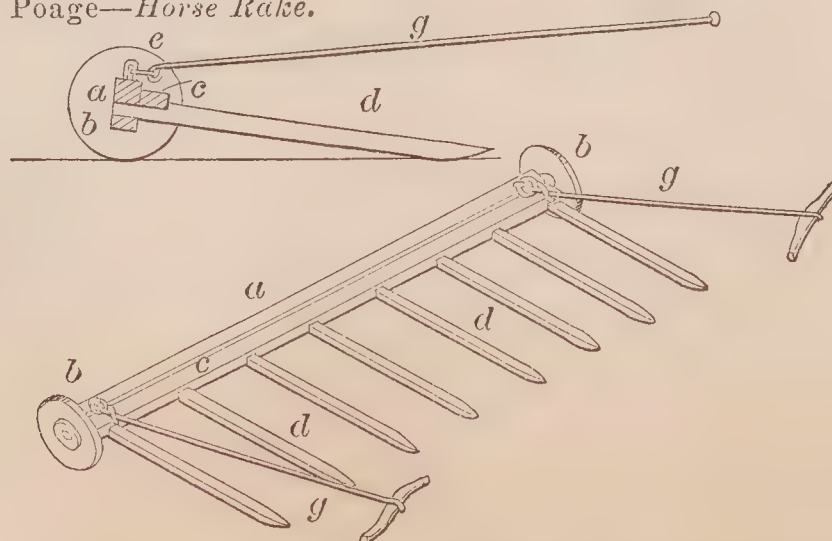
82341—J. S. Nicholson—*Clothes Press.*



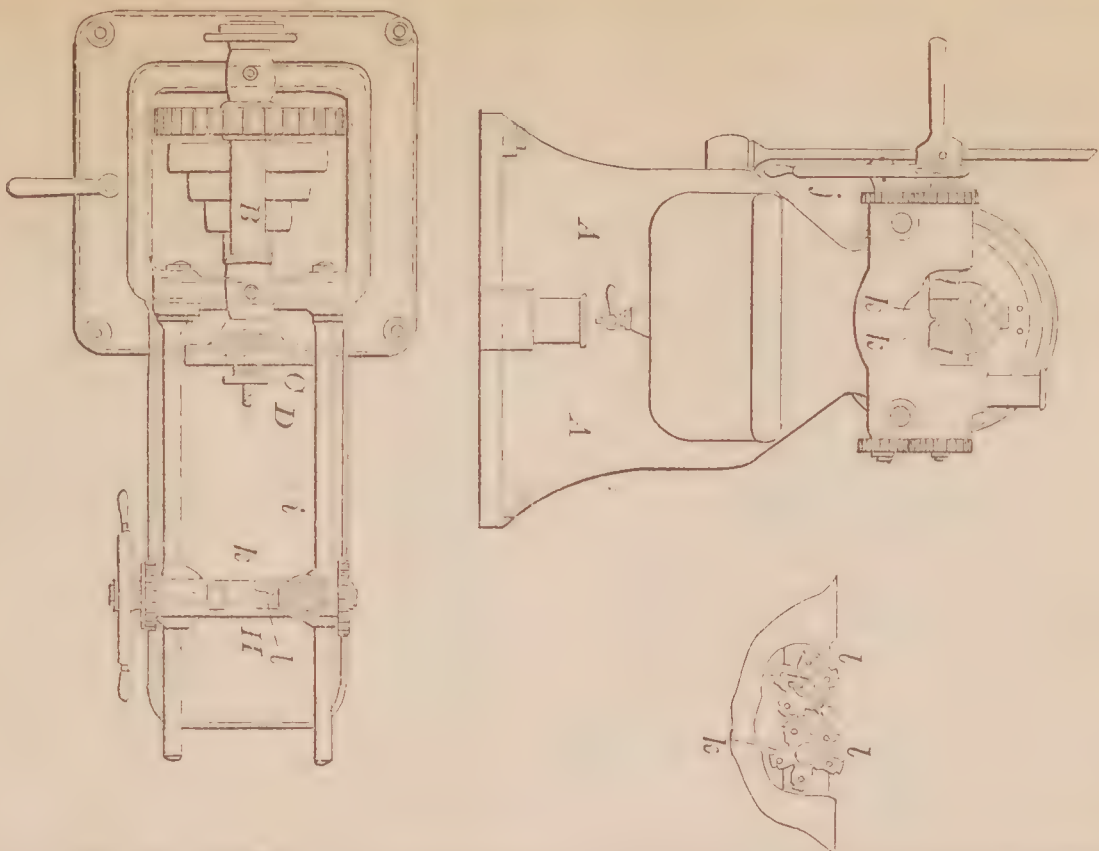
82344—D. Philips—*Wagon Brake.*



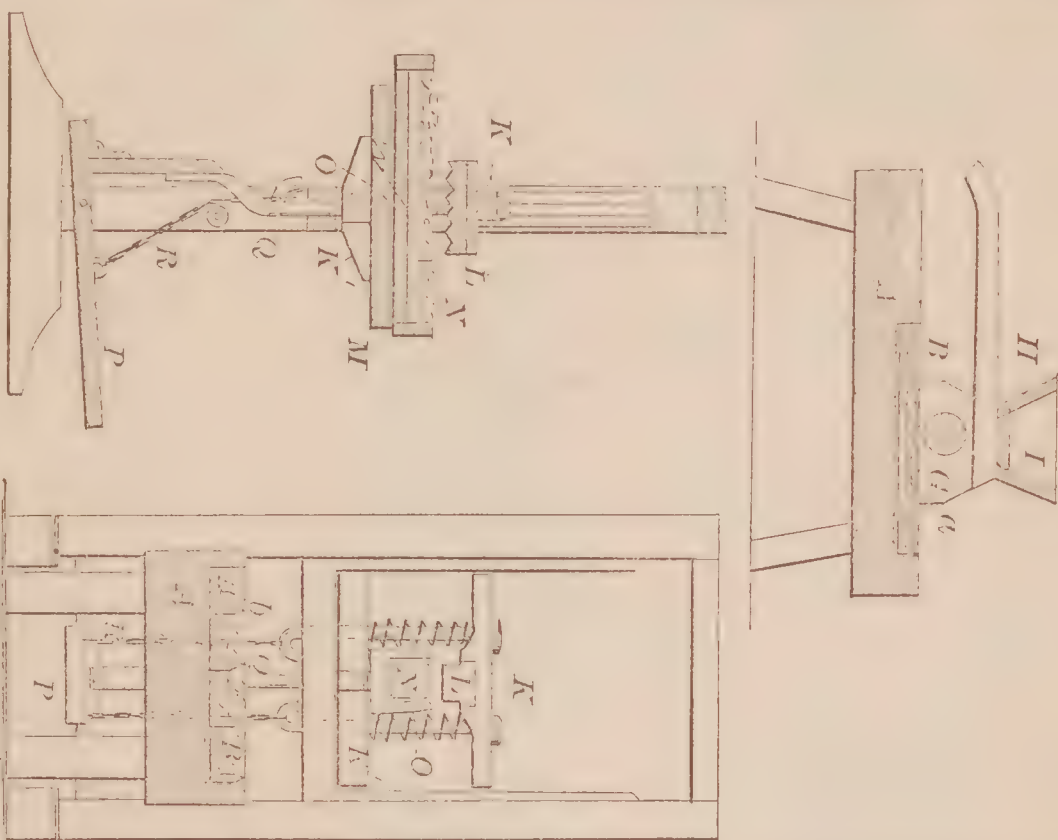
82345—C. H. Poage—*Horse Rake.*



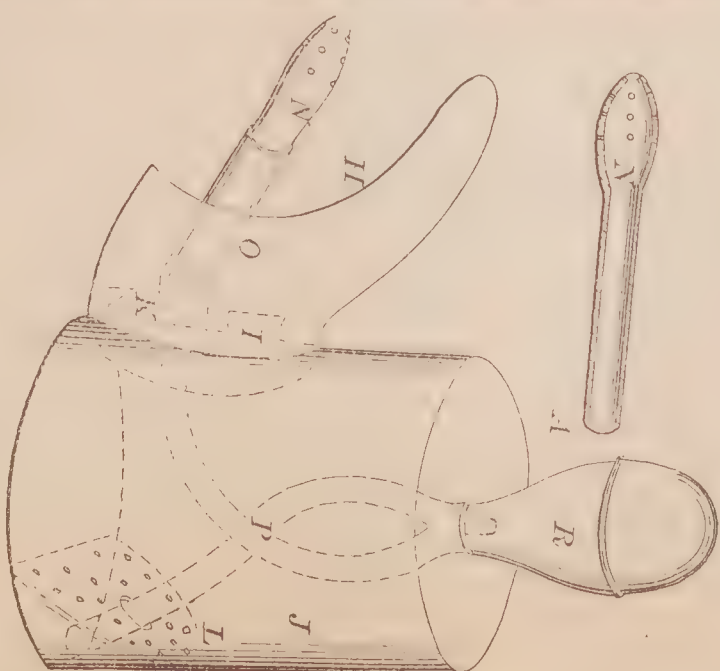
82316—D. Pondot—For Cutting Screw Threads.



82317—E. K. Powers—For Moulding Candy.

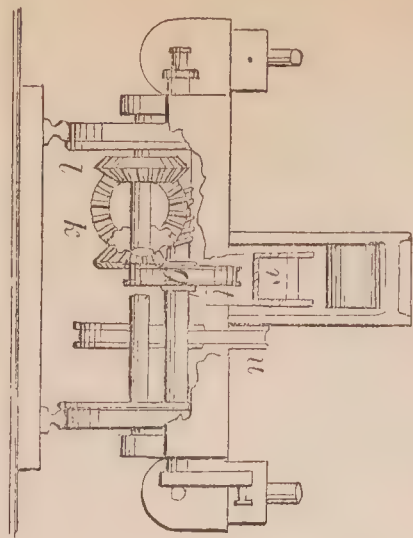
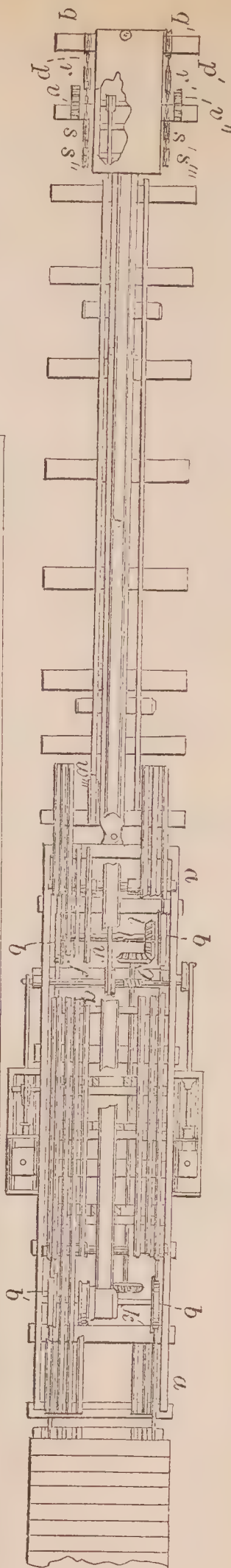
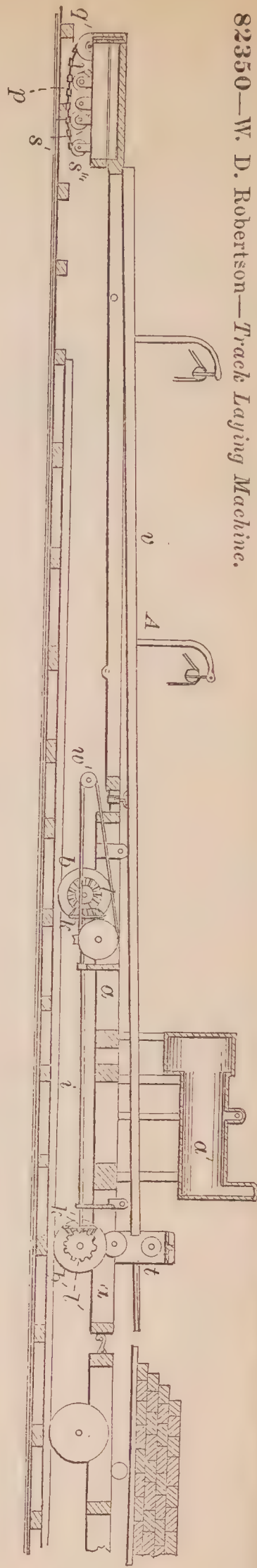


82319—A. Wittenhouse—Syringe Bed Pan.

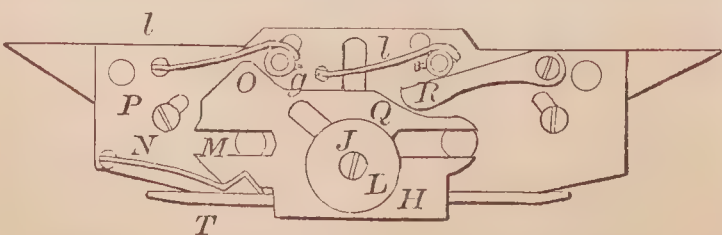
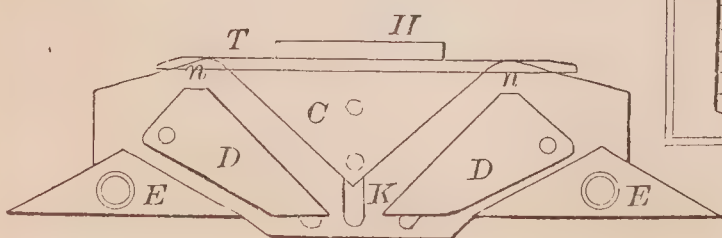
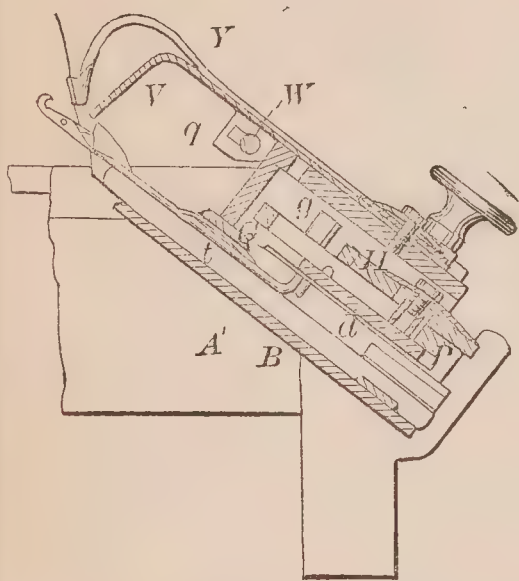
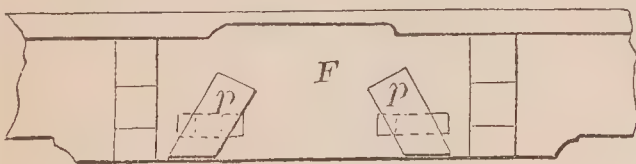
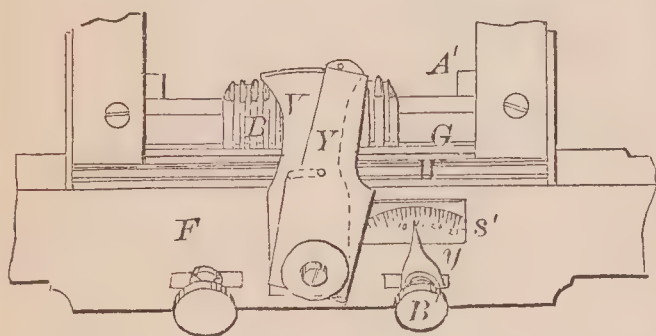




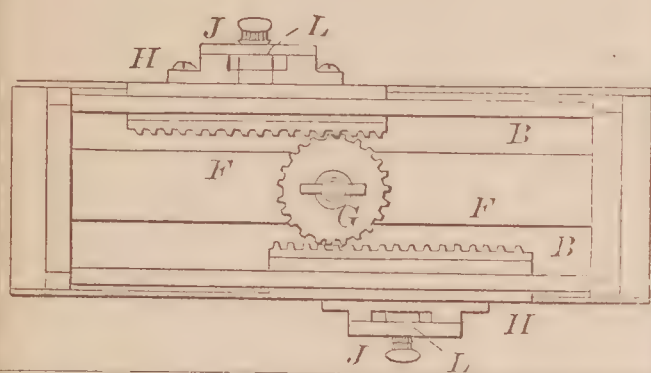
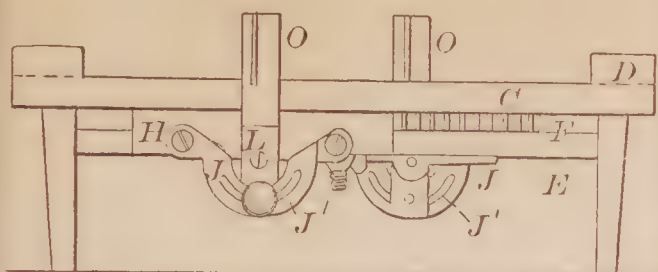
82350—W. D. Robertson—Track Laying Machine.



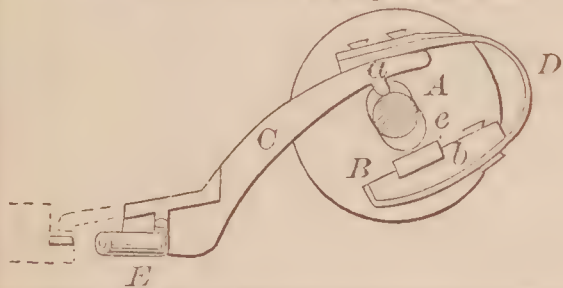
82348—J. W. Rist—Knitting Machine.



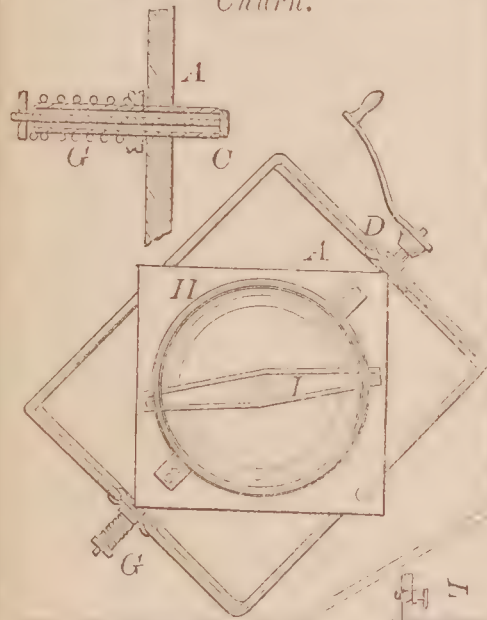
82351—C. Robinson—*Mitre Box.*



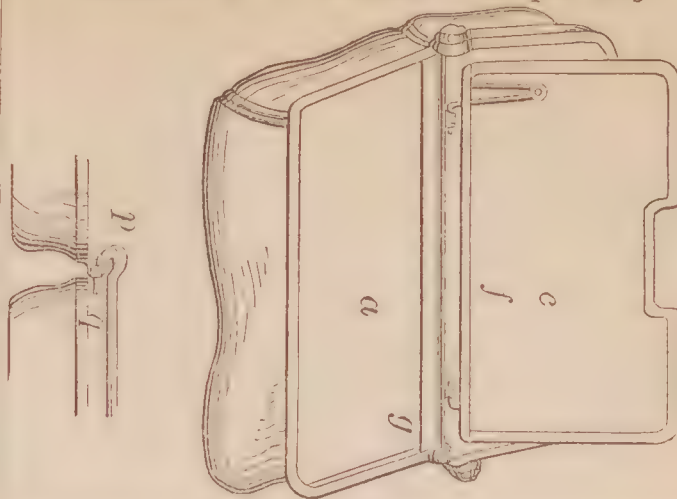
82354—D. Savery—*For Holding Out Nails while being Headed.*



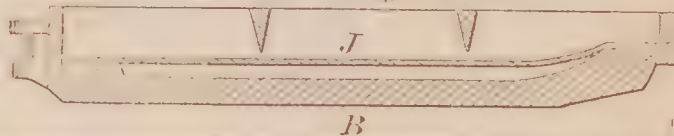
82356—J. & W. A. Shaw—  
Churn.



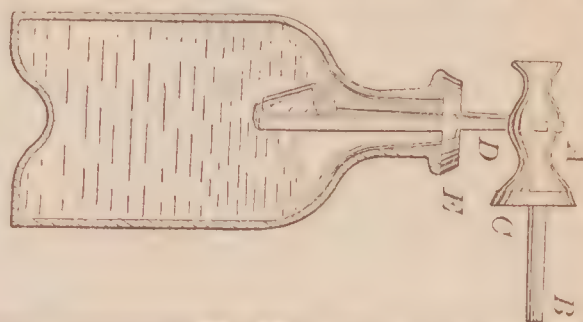
82352—A. J. Robrecht—*Carpet Bag.*



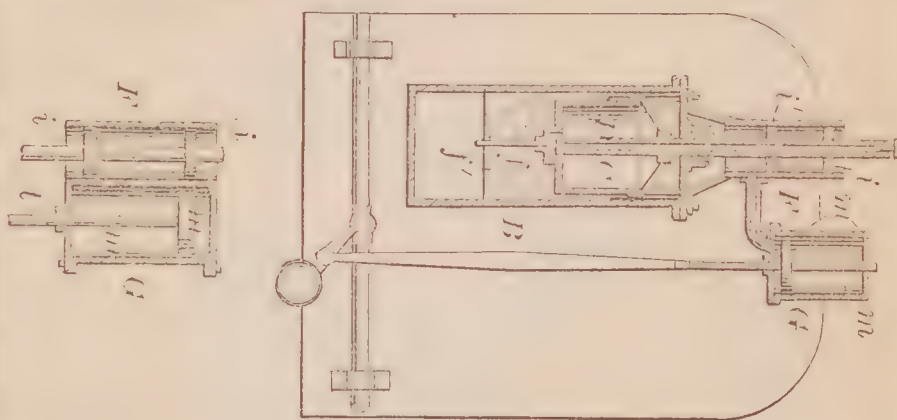
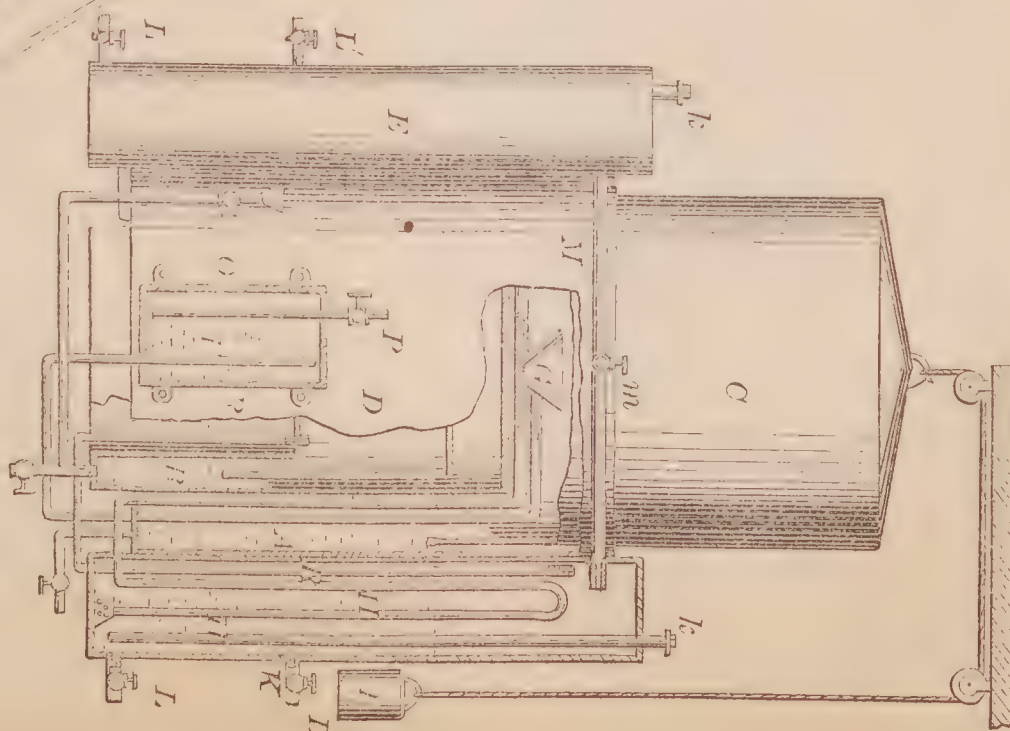
8, 553--N. W. Russell—*Mould for Casting  
A Sleigh Shoe.*



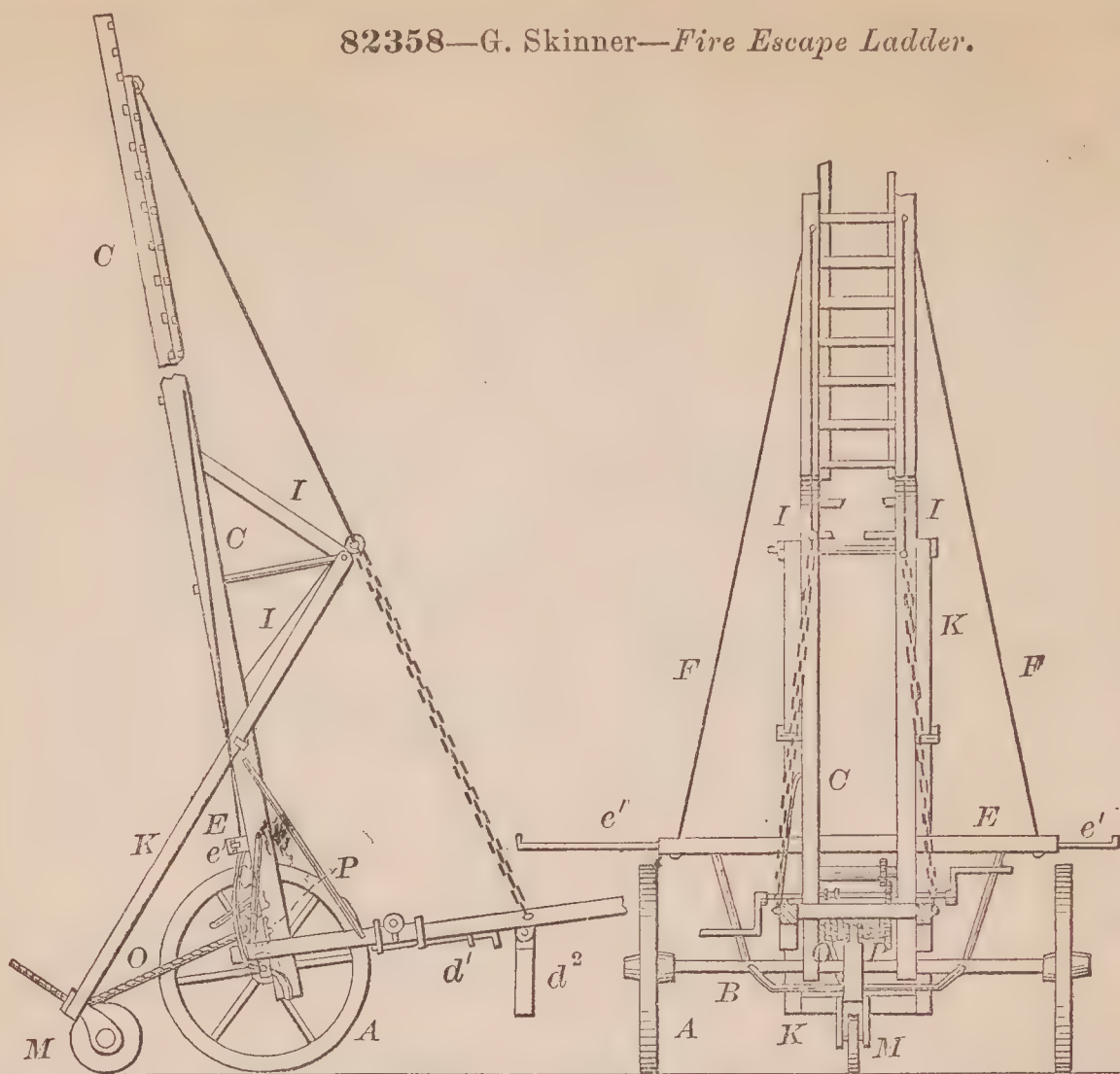
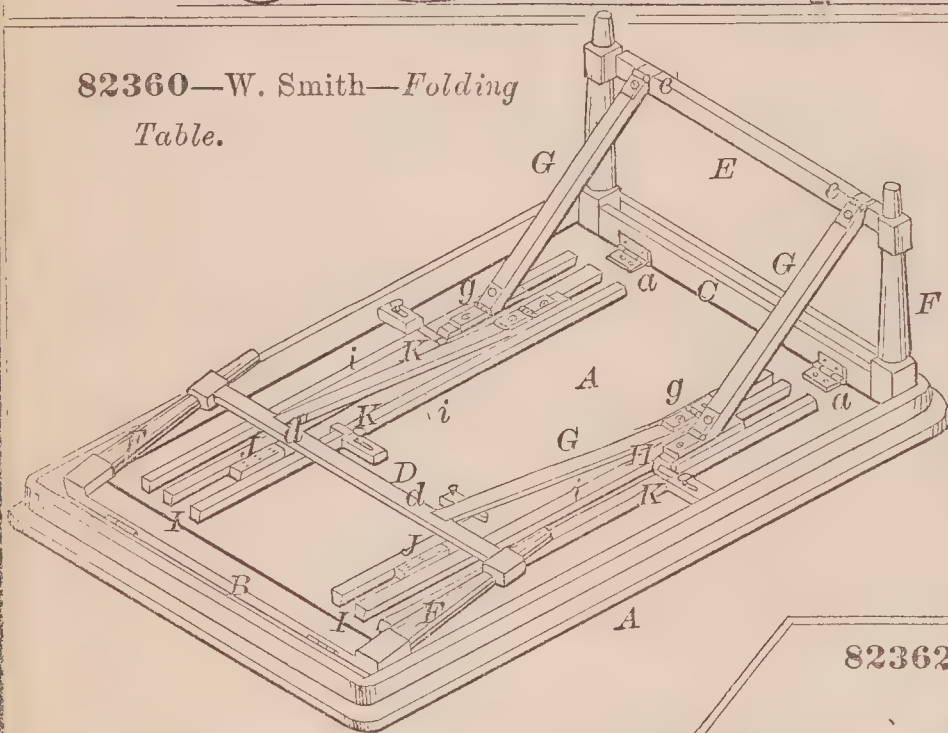
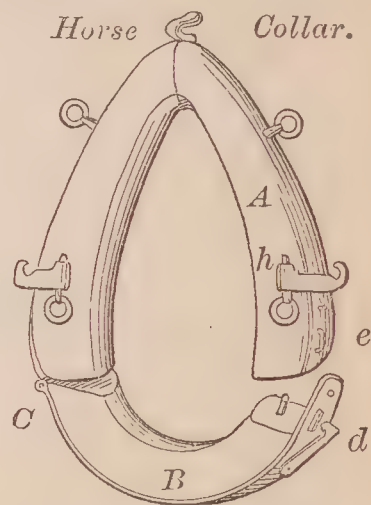
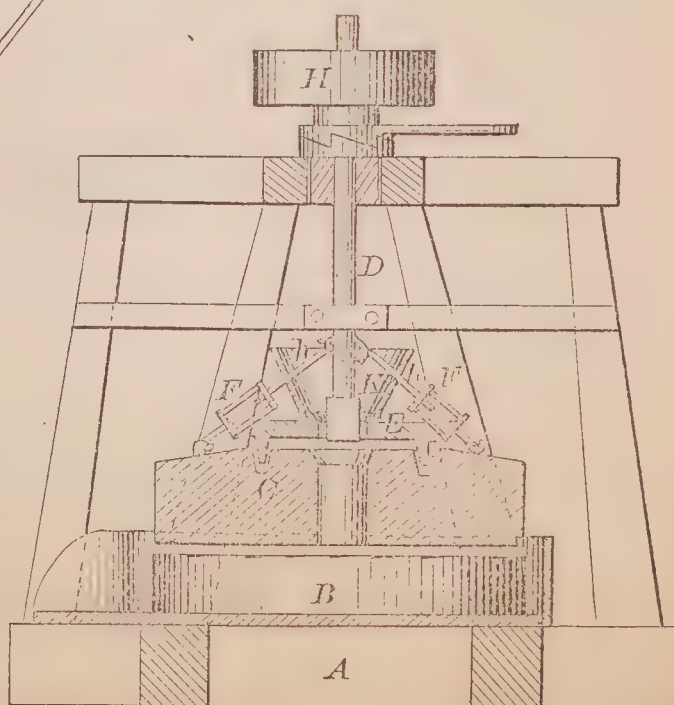
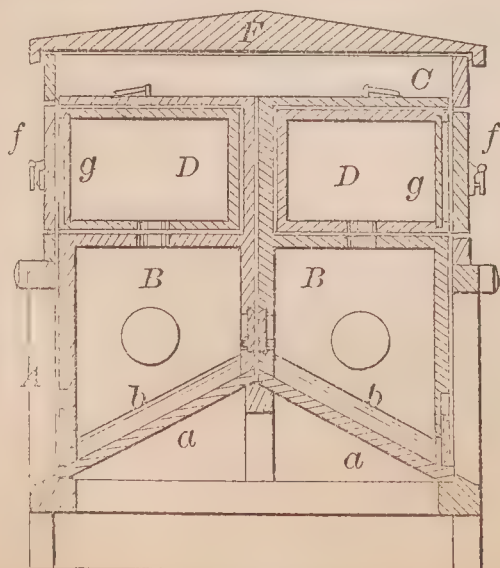
82355.—G. W. Schermerhorn—*Cork Puller*.



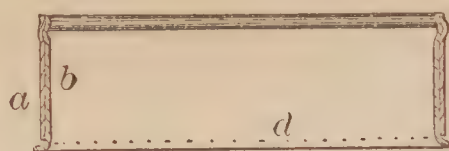
82357—E. Sheppard—*Automatic Boiler Feeder.*

82359—I. Slater—*Carburizer*;

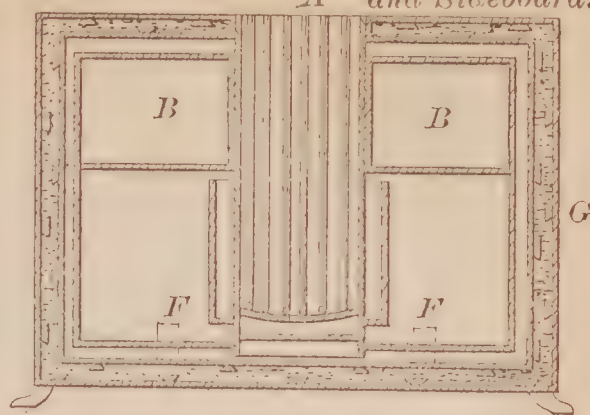


82358—G. Skinner—*Fire Escape Ladder.*82360—W. Smith—*Folding Table.*82361—J. A. Sutherland—*Horse Collar.*82362—S. Swesey—*Quartz Mill.*82363—J. Tallman—*Beehive.*

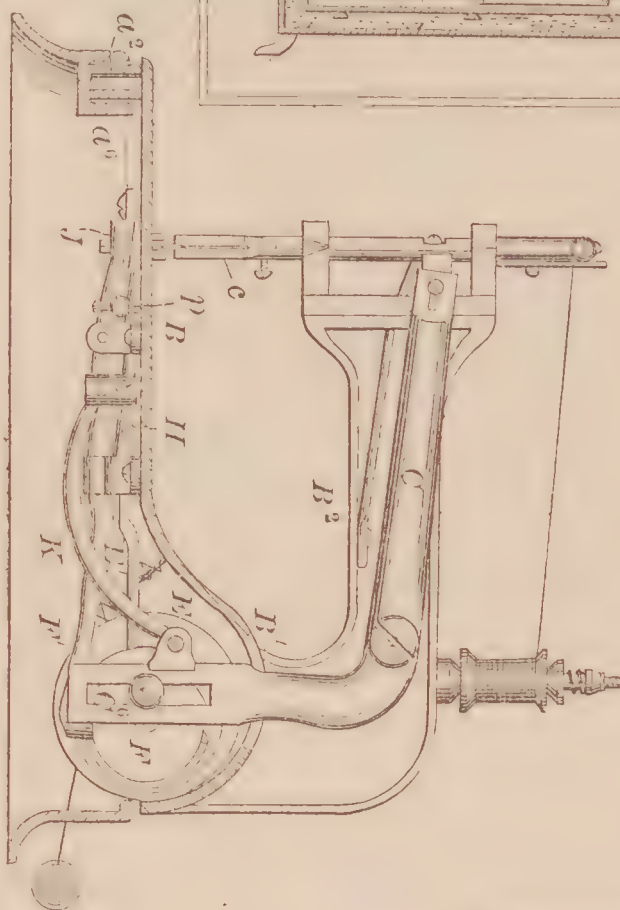
82364—G. W. Thompson—*Hat Sweat.*



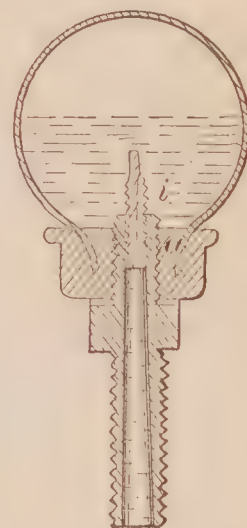
82365—J. A. Thompson—*Refrigerator  
A and Sideboard.*



83366—J. A. Wagner—Sewing Machine.



82368—G. Waters—  
*Lubricator.*



82367—J. B. Waterman—*Hames and Strap Fastener.*

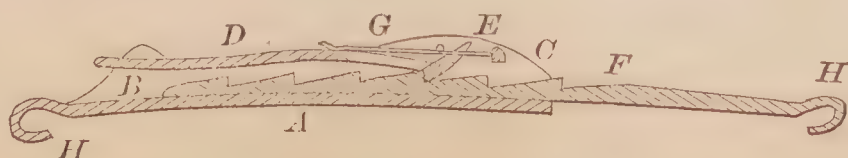
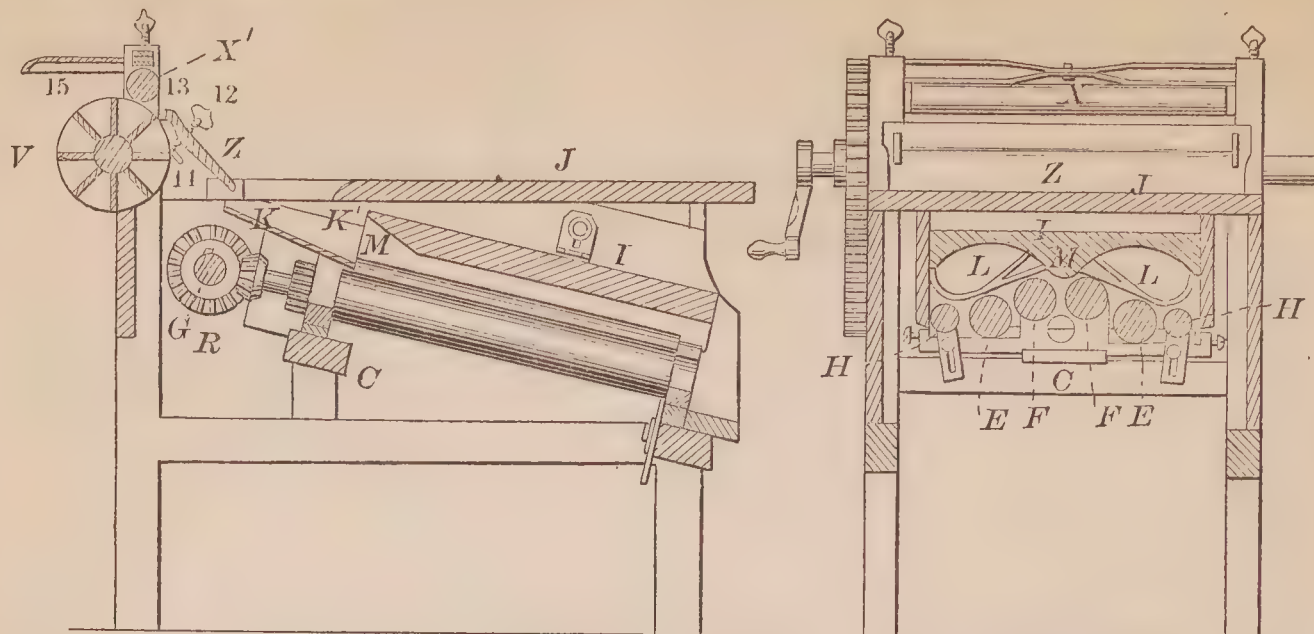
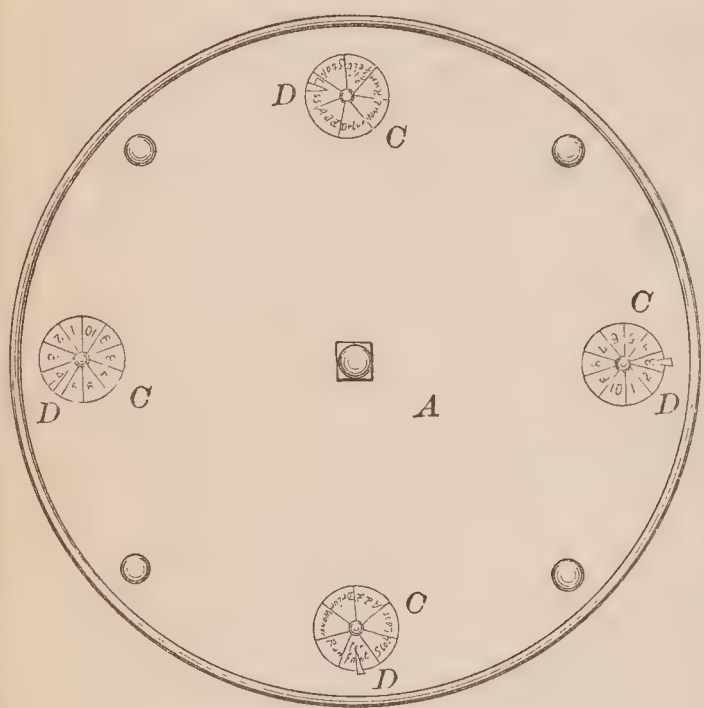
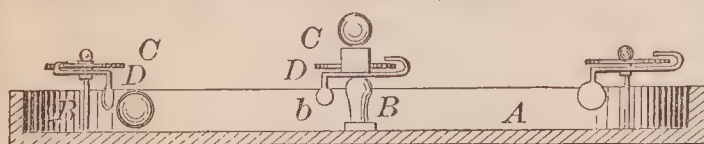
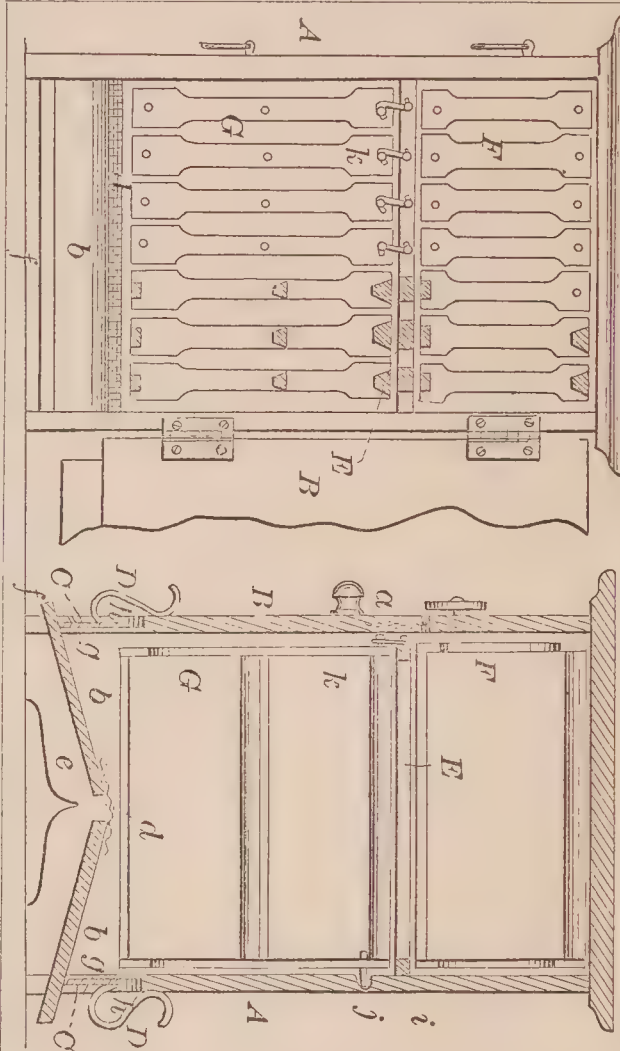
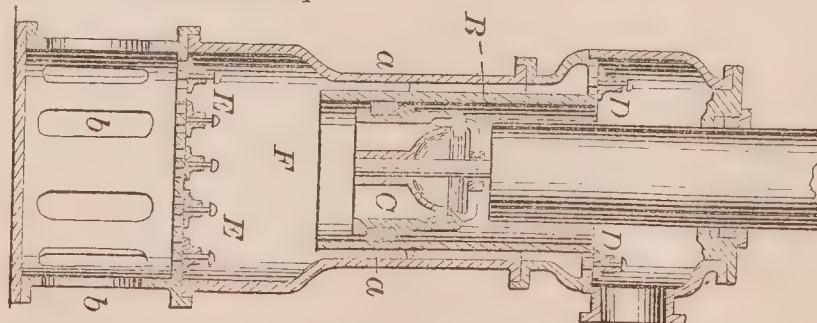
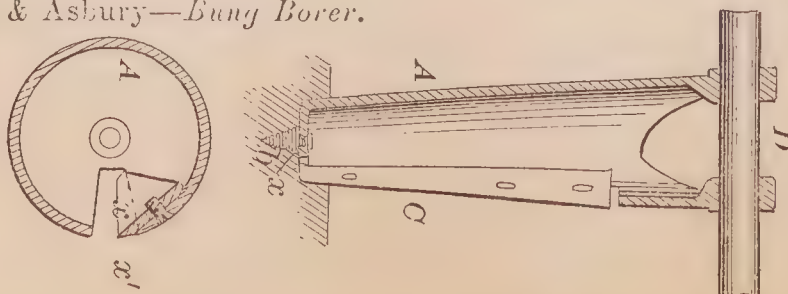


Fig. 15

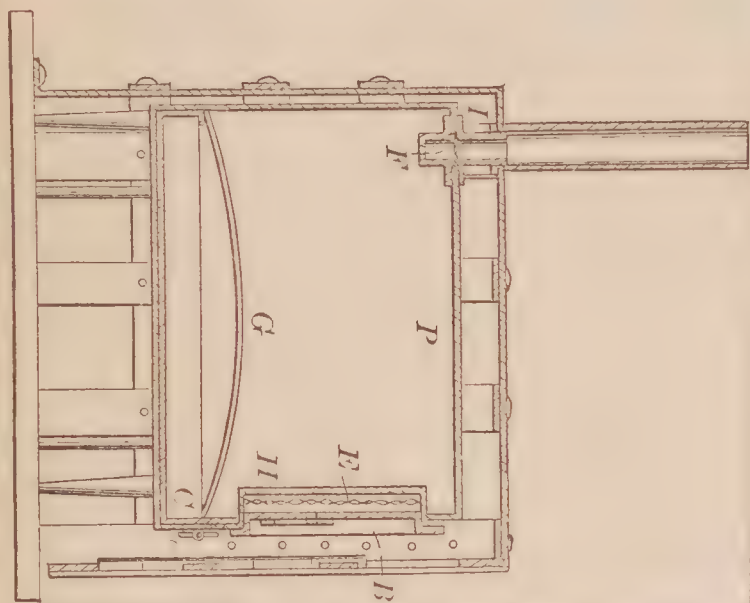
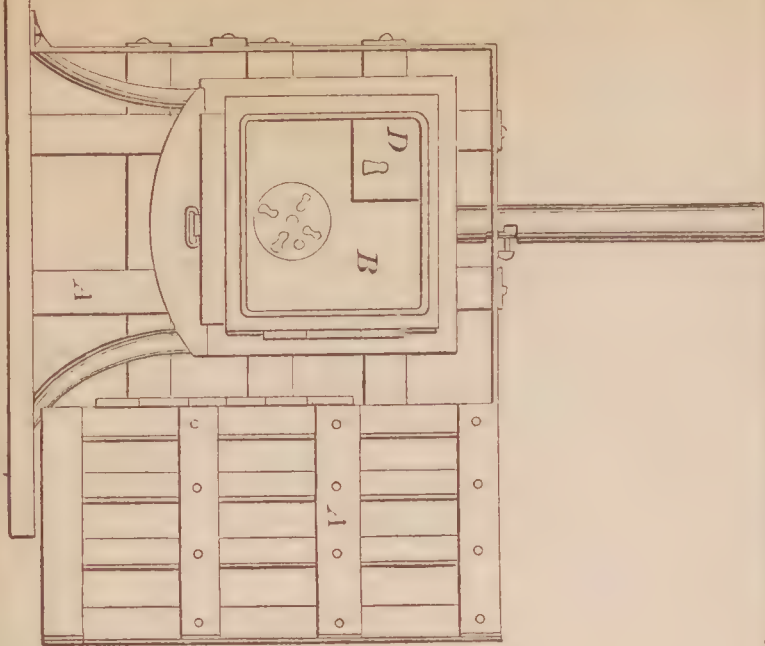
Fig. 13

Fig. 11

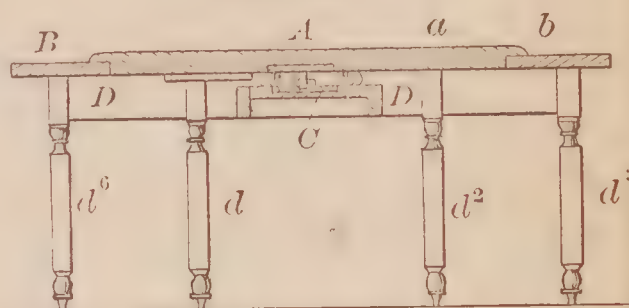
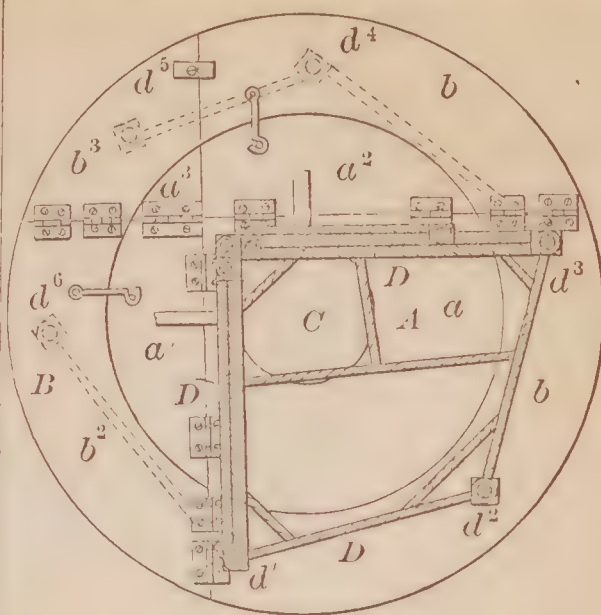


82369—S. Wesson—*Corn Husker*.82370—W. H. Wilson—*Game*.82372—V. Zimmerman—*Beehive*.82371—Woodruff & Beach—*Pump*.82374—Baker & Asbury—*Bung Borer*.

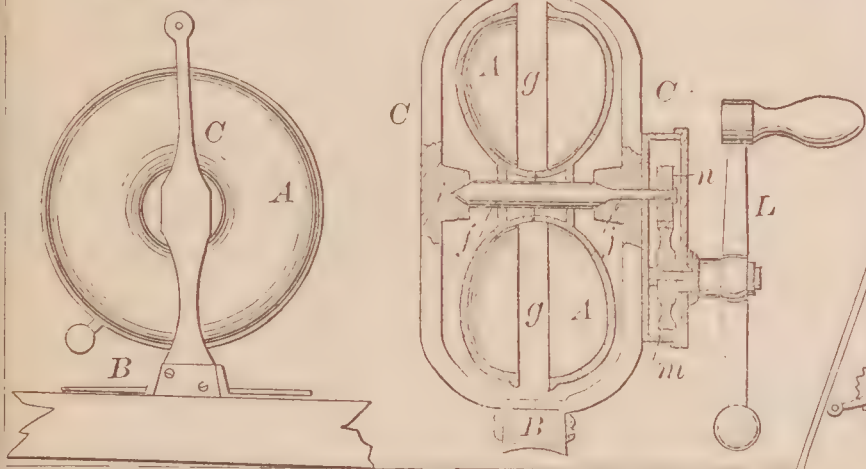
82373—W A. Allen—*Railroad Car Stove.*



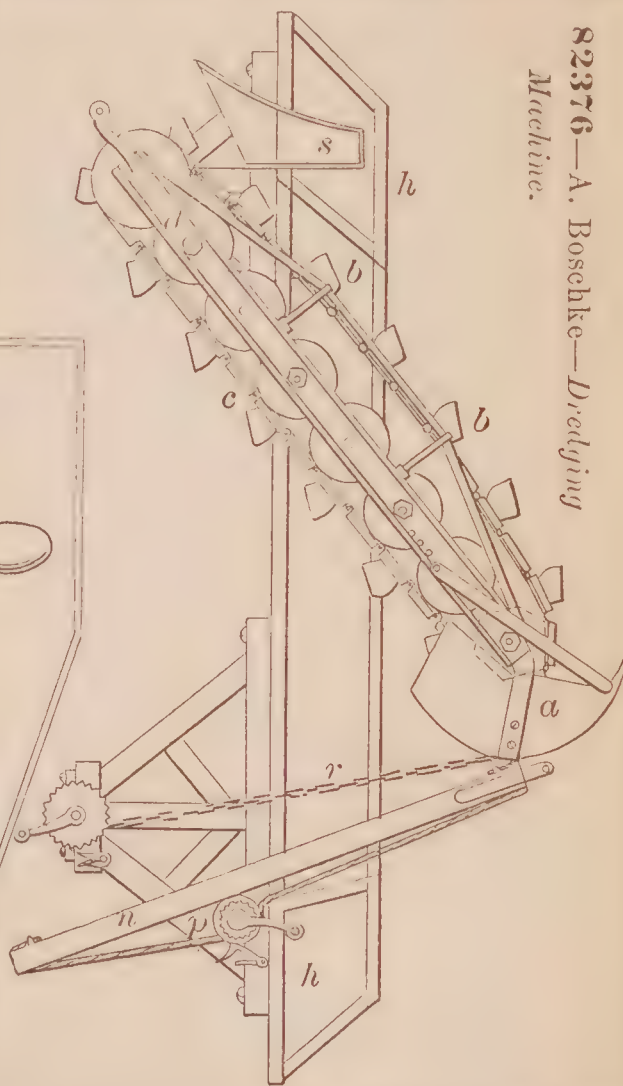
82375—Bloebaum & Nagel—*Table.*



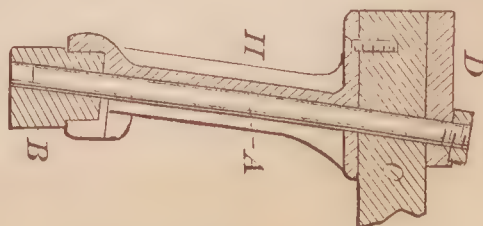
82377—W. H. Bradley—  
*Anglers' Reel.*



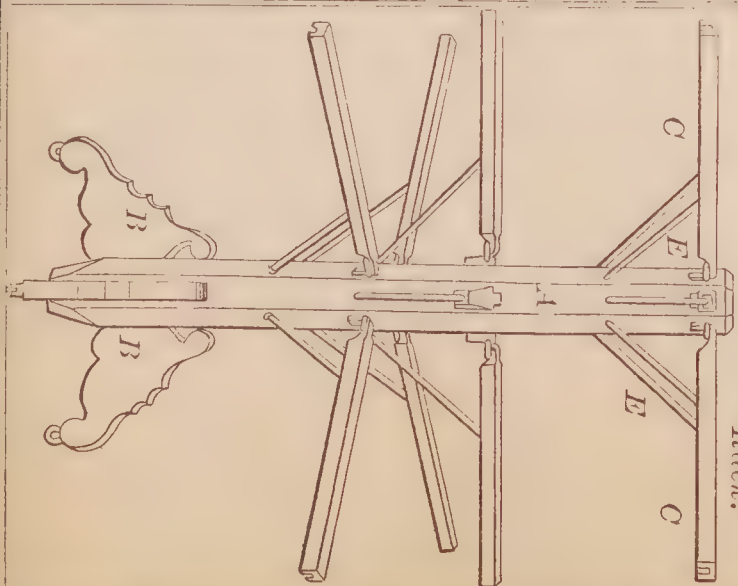
82376—A. Boshke—*Dredging Machine.*



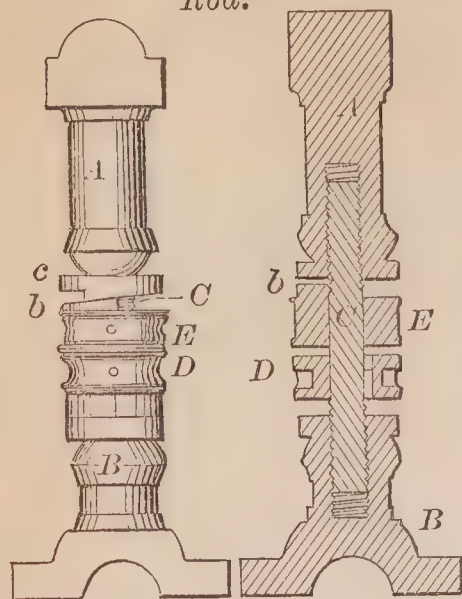
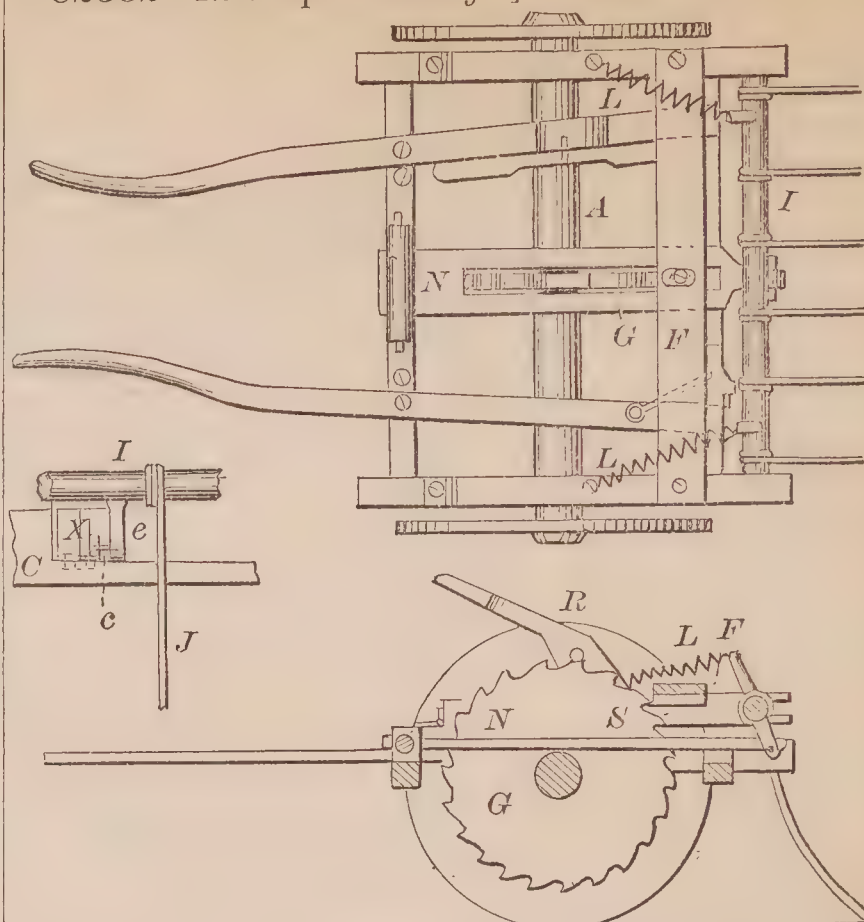
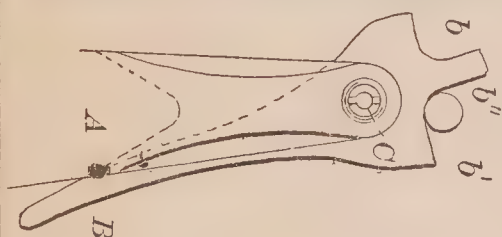
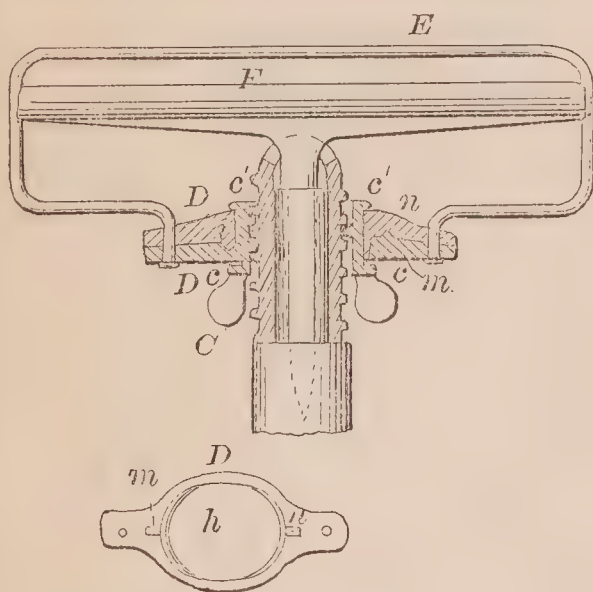
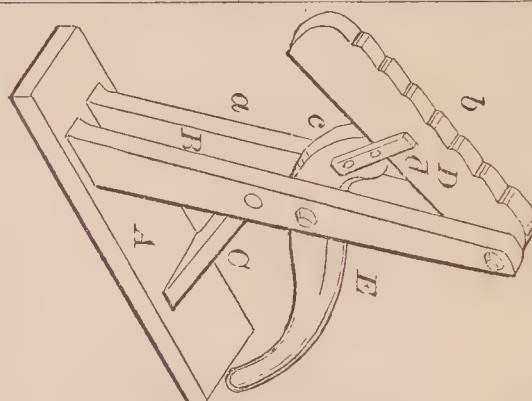
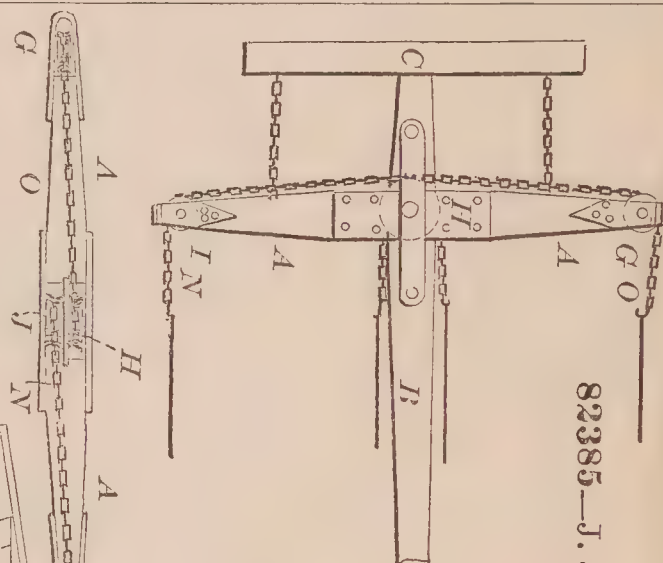
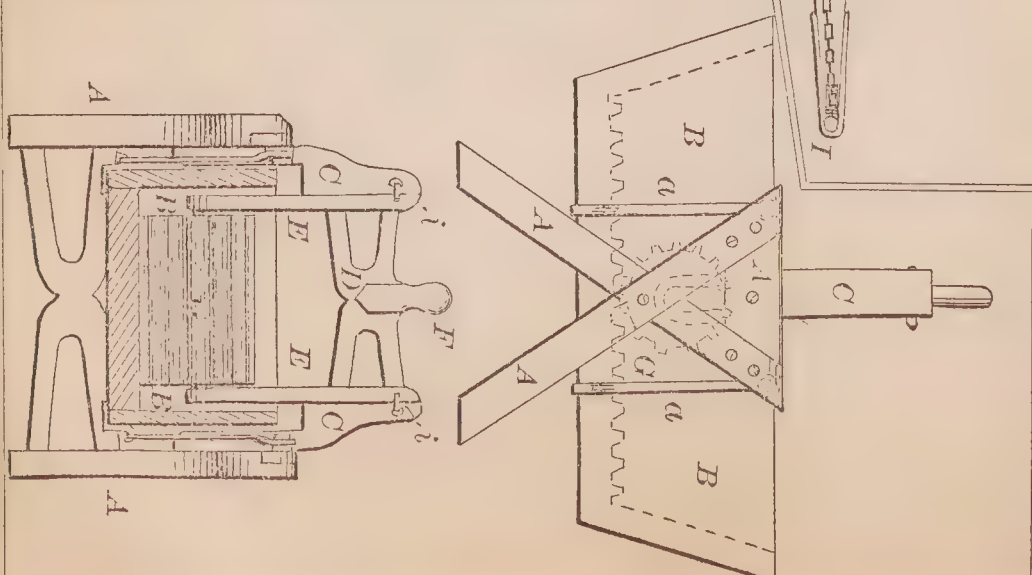
82380—B. F. Cady—*Sled Knee.*



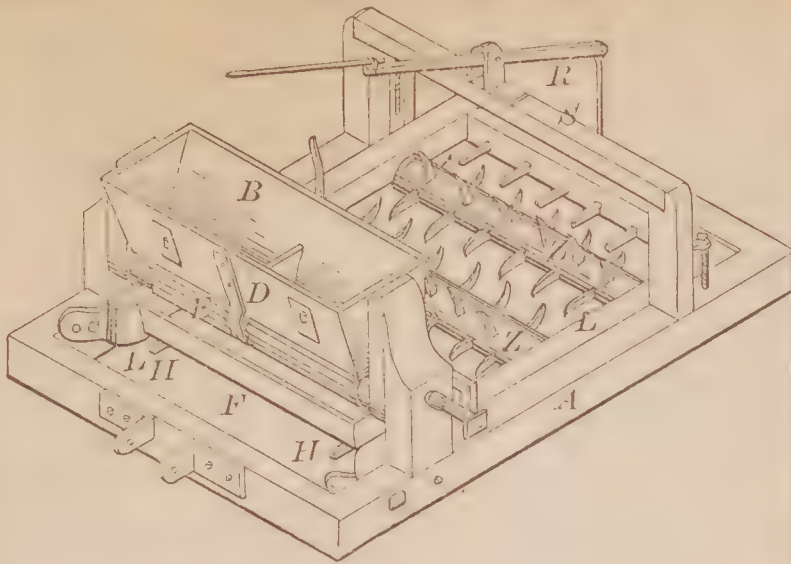
82378—C. K. Breneman—*Clothes*  
*Rack.*



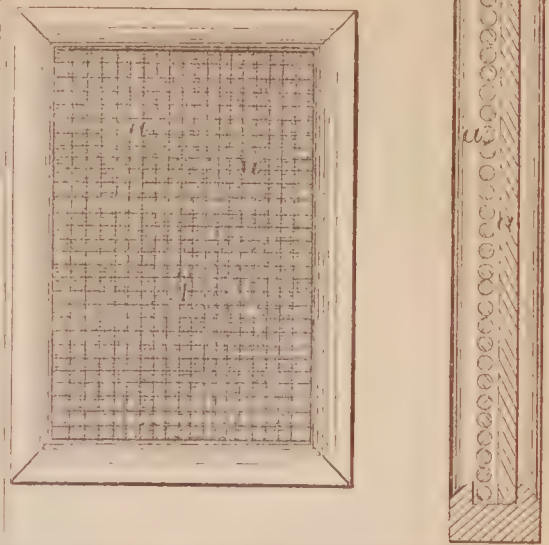


82379—E. Brown—*Connecting Rod.*82382—N. Chapman—*Hay Spreader.*82381—J. Camp—*Lifting Jack.*82383—Clark & Ferguson—*Mop Head.*82384—W. Clifford—*Wagon Jack.*82385—J. J. Connelly—*Equalizer.*82386—M. Culler—*Washing Machine.*

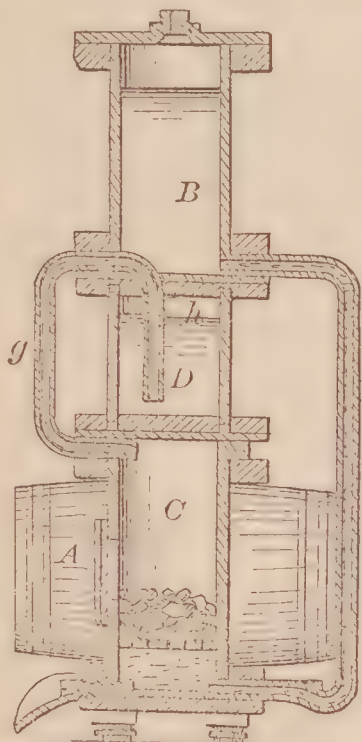
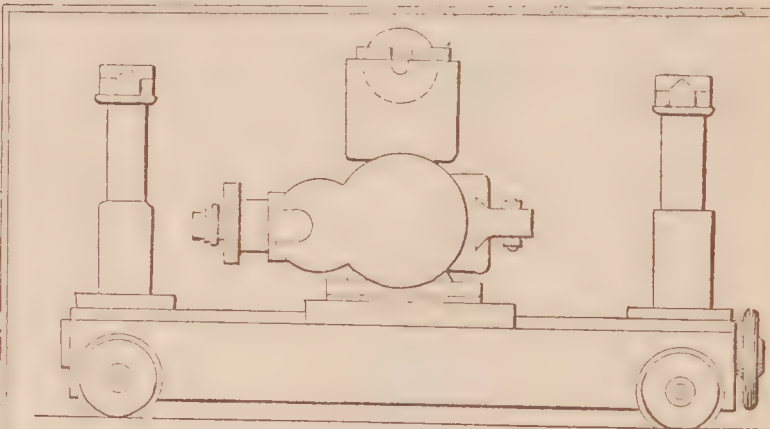
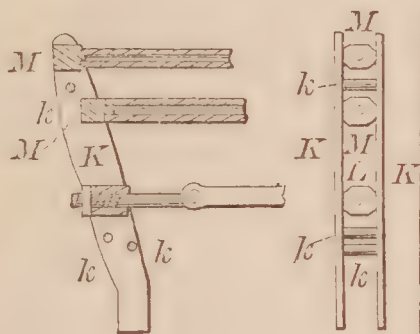
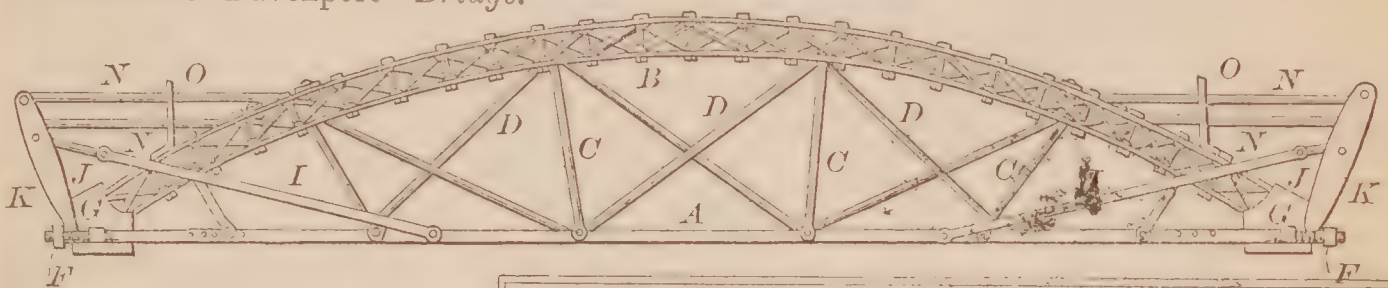
82387—C. Curtis—Seed Sower and Harrow.



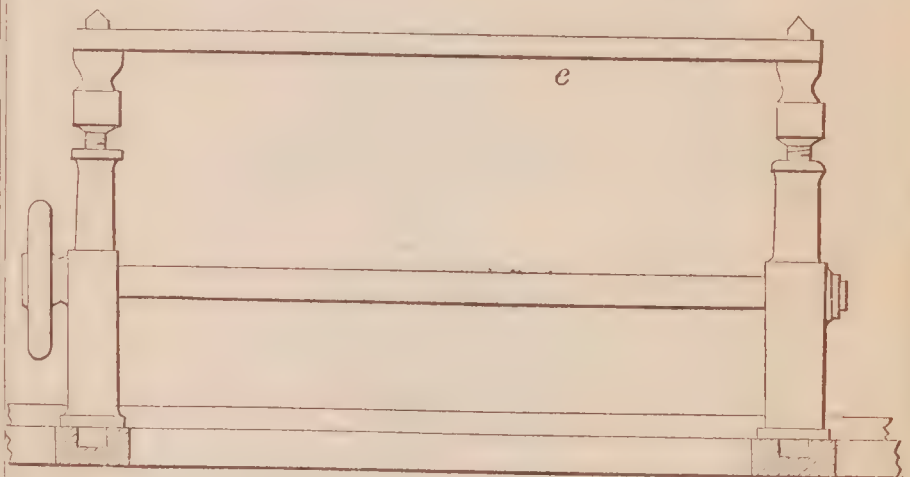
82389—W. A. Demuth—  
Glass Light.



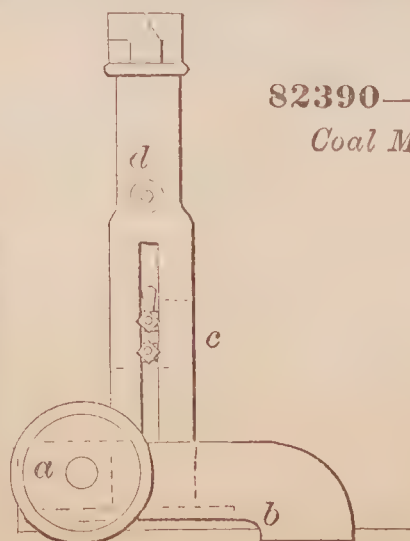
82388—J. Davenport—Bridge.



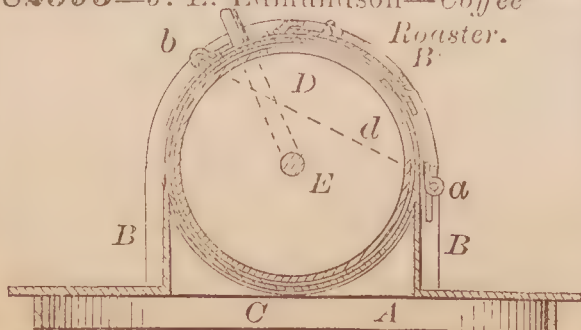
82391—R. Eickemeyer—For Preserving Beer.



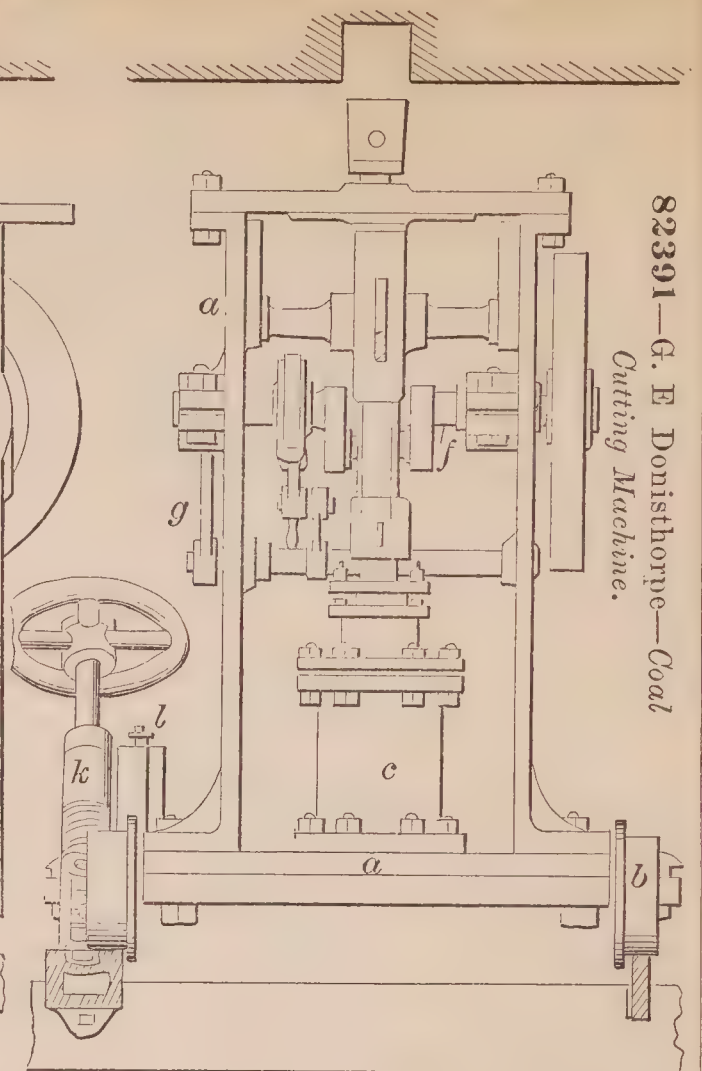
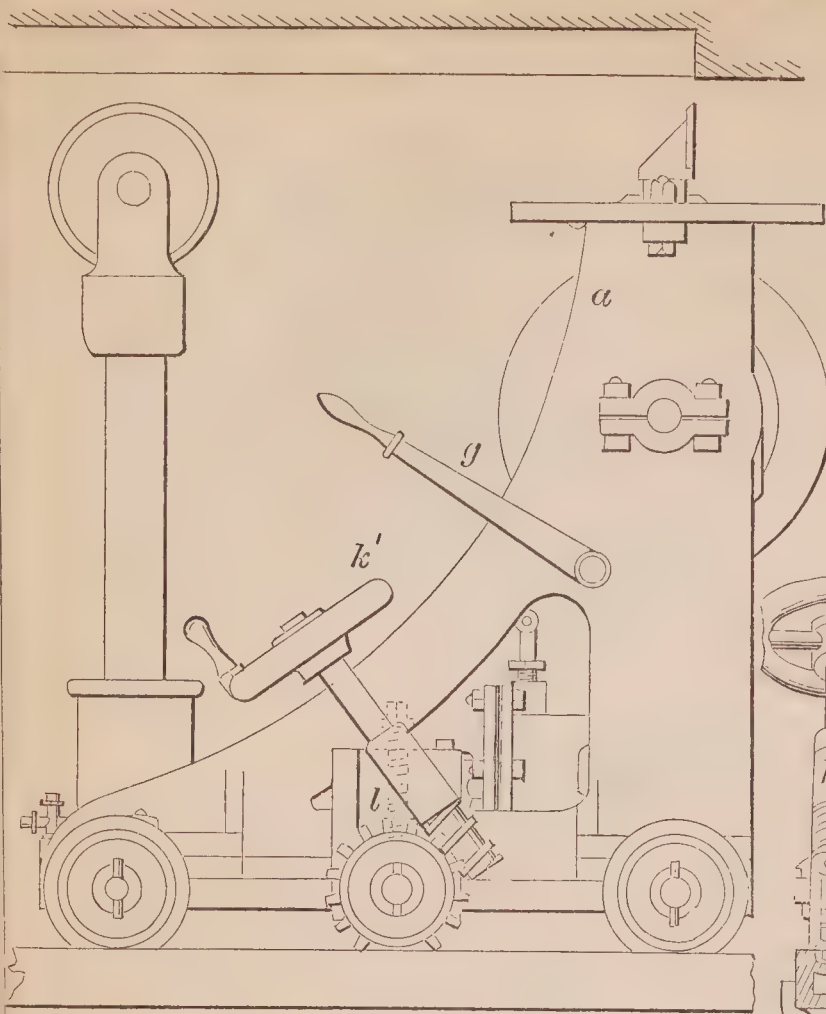
82390—G. E. Donisthorpe—  
Coal Mining Machine.



82393—J. E. Edmundson—Coffee  
Roaster.

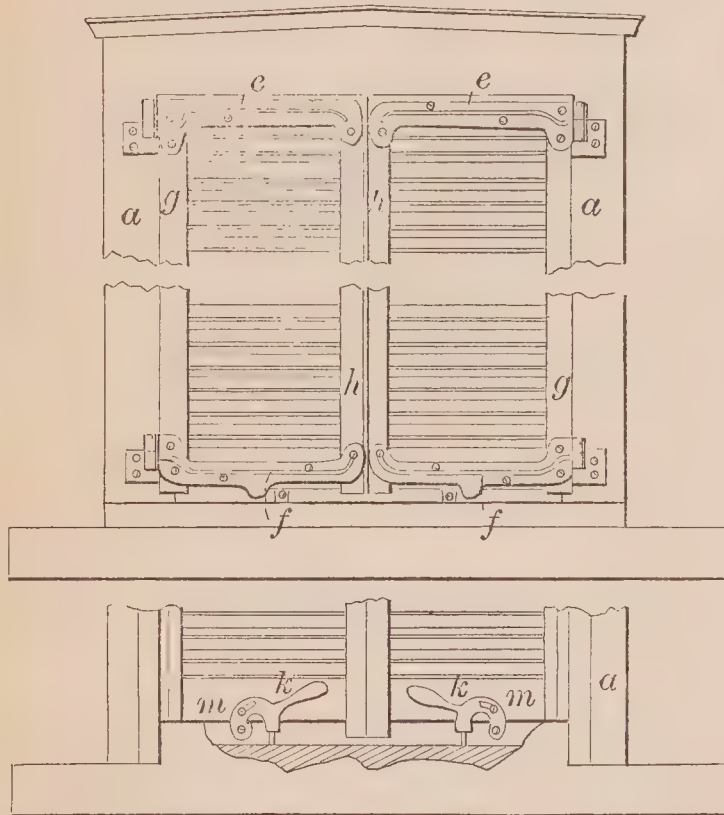




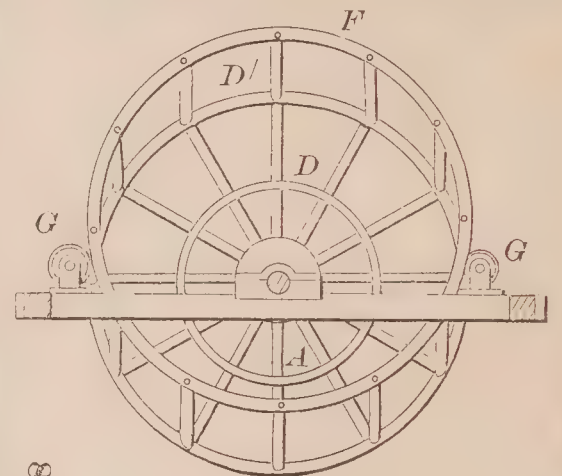
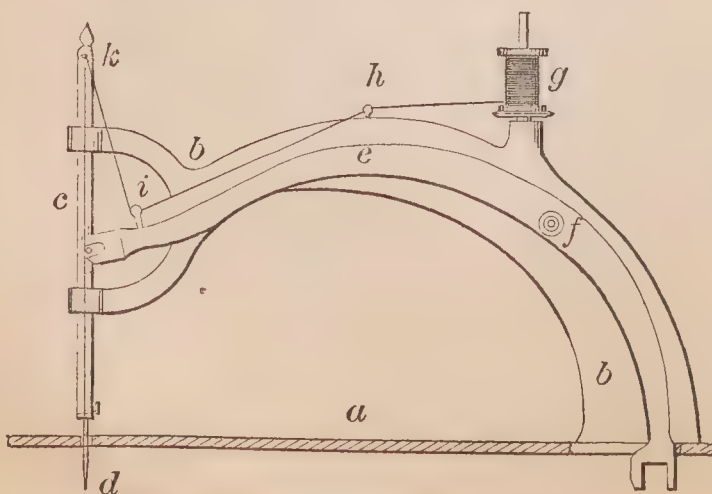


82391—G. E. Donisthorpe—*Coal Cutting Machine.*

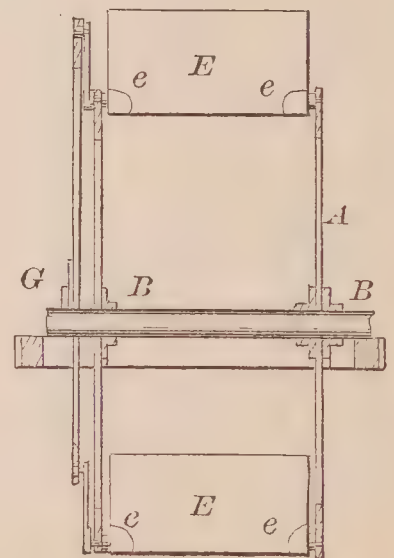
82392—J. E. Downs—*Sash Fastener.*



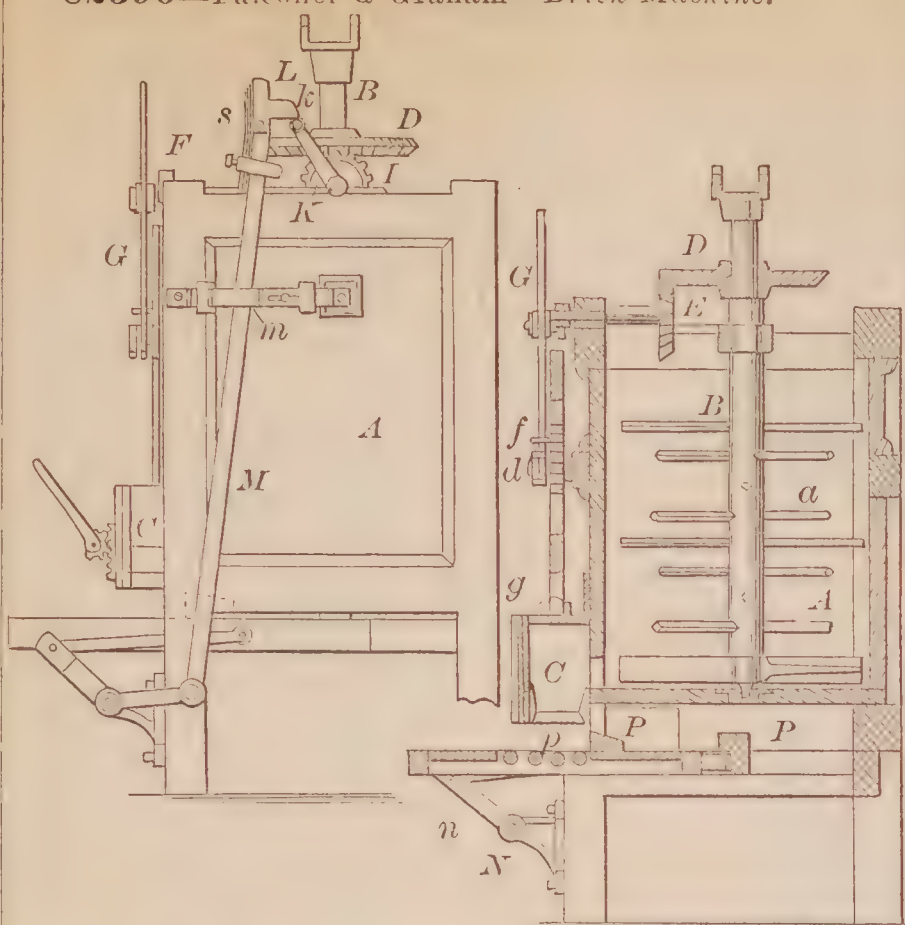
82397—J. Fanning—*Sewing Machine.*



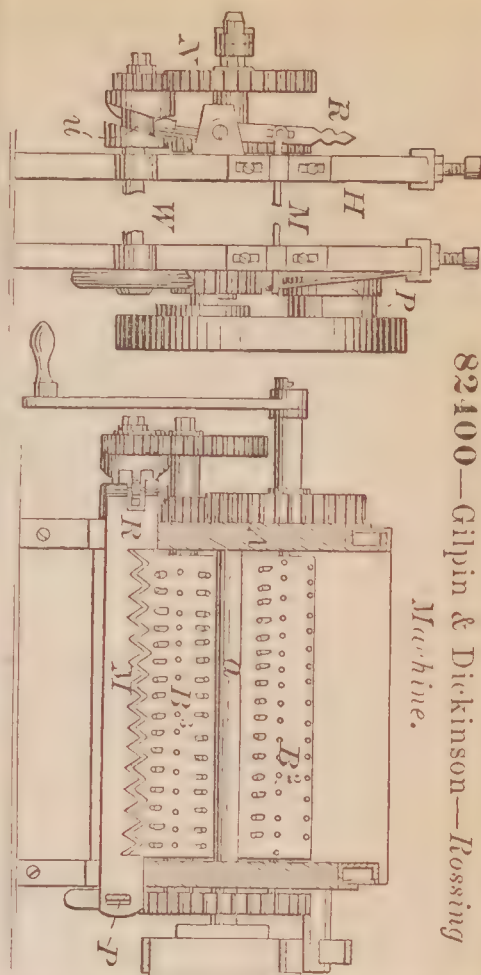
82395—P. Emerson—*Paddle Wheel.*



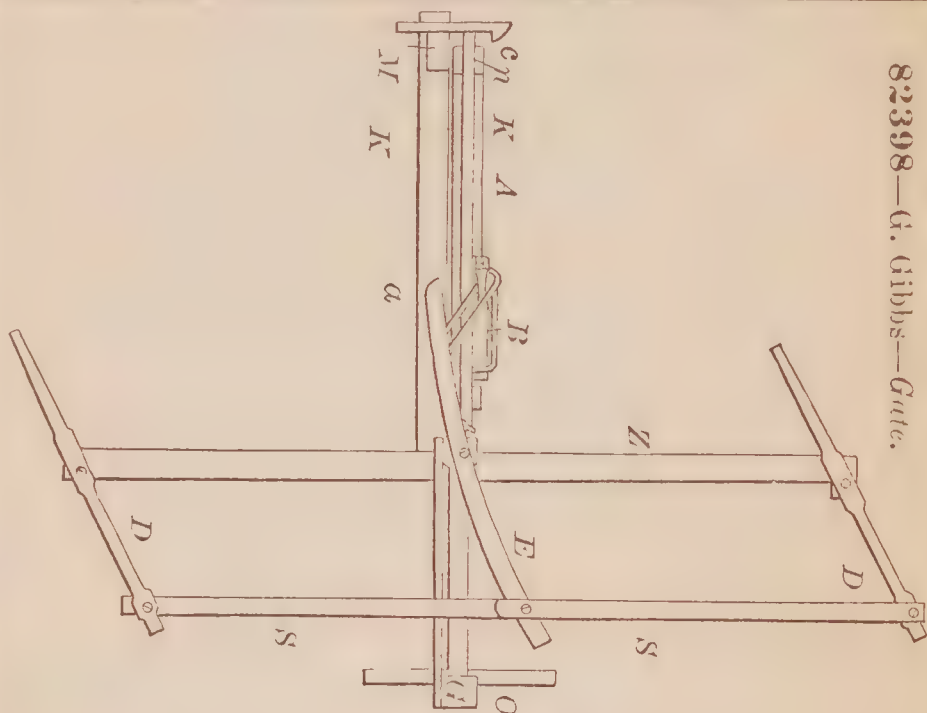
82396—Falconer & Graham—*Brick Machine.*



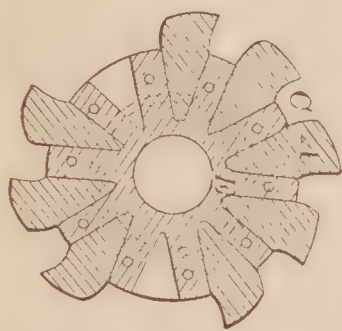
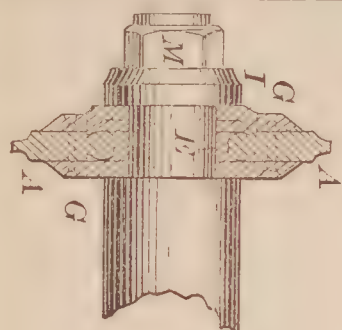
82400—Gilpin & Dickinson—*Roasting Machine.*



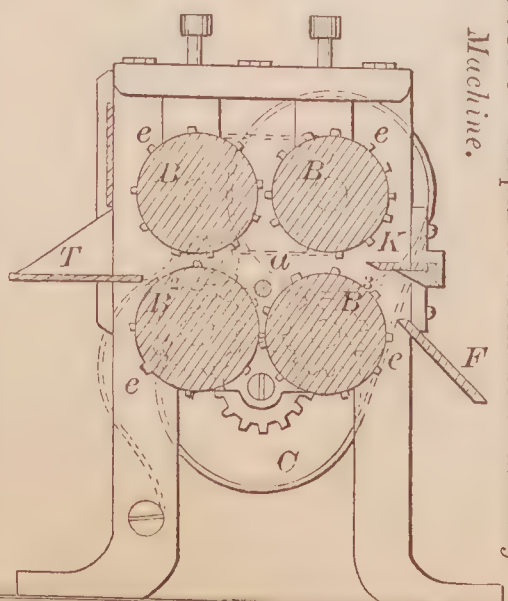
82398—U. Gibbs—Gate.



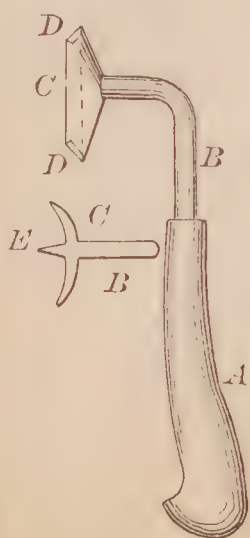
82102—J. Harrington—*Grass Cutting Tool.*



82399—Gilpin & Dickinson—Rosting  
Machine.



82463--J Harrington--Knife.

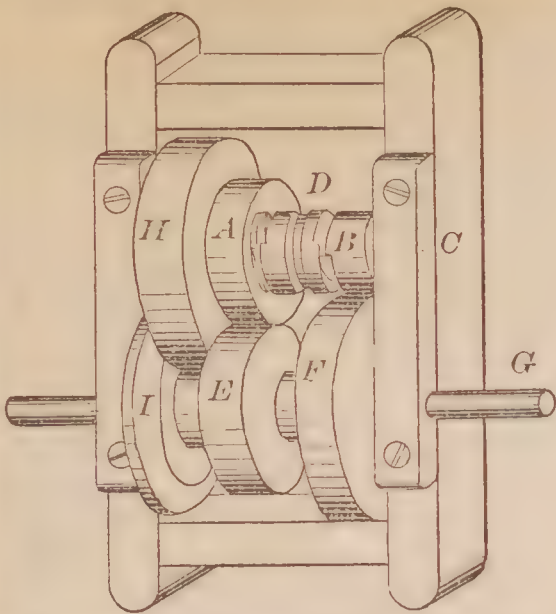
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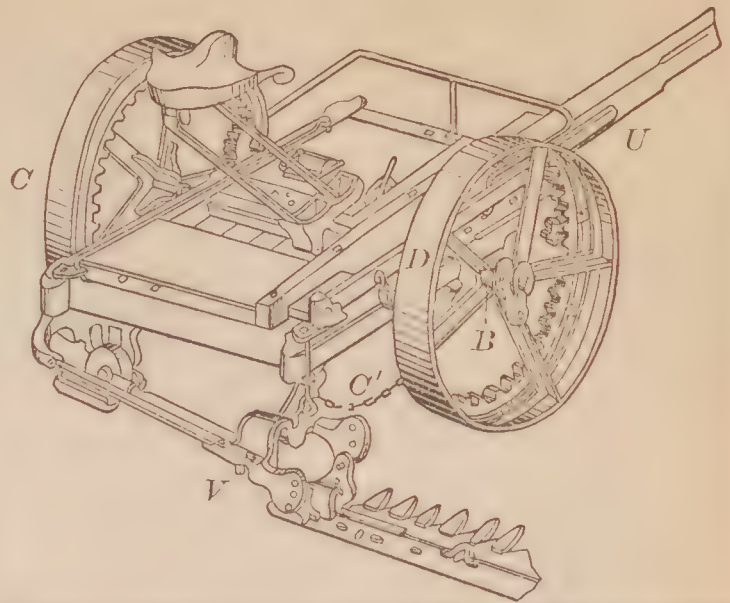




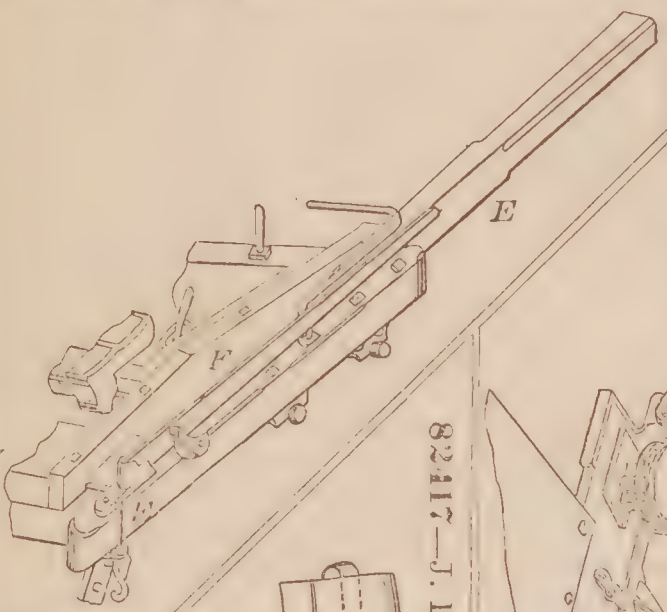
82411—M. G. Hubbard—*Harvester.*



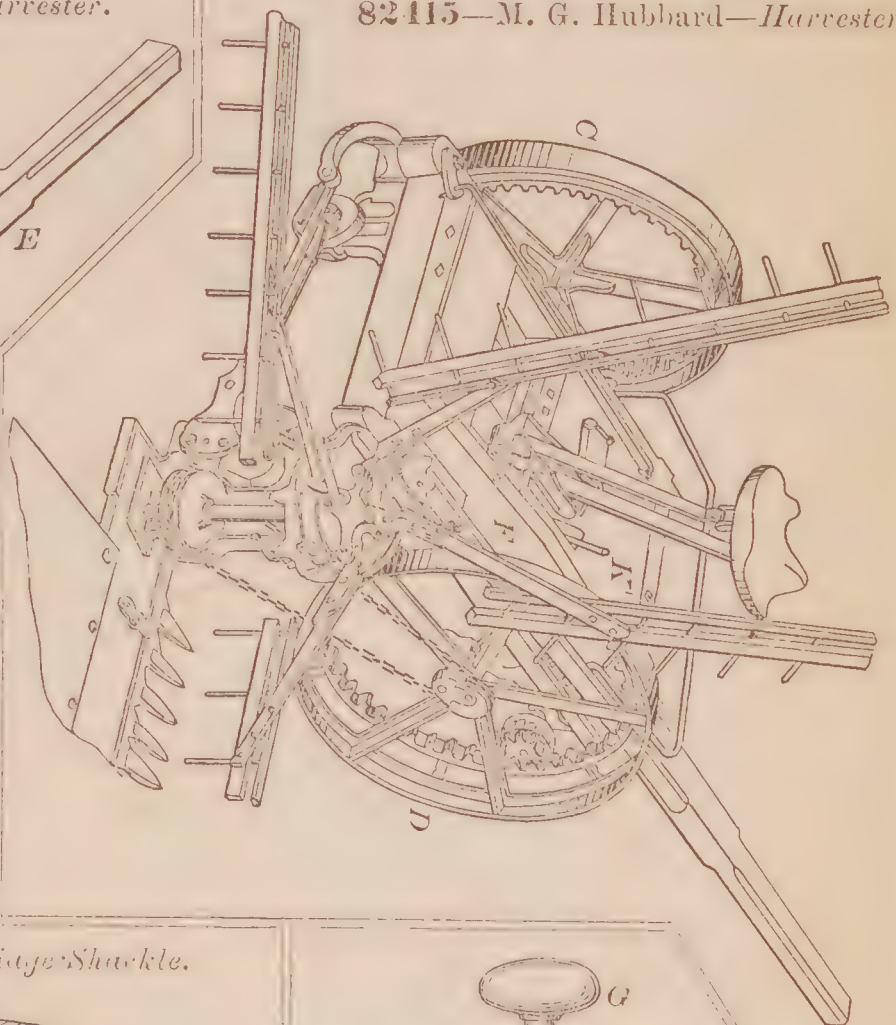
82413—M. G. Hubbard—*Harvester.*



82414—M. G. Hubbard—*Harvester.*



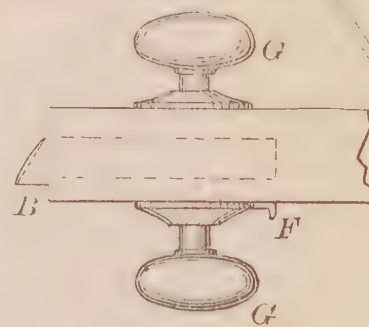
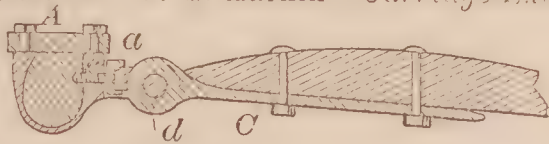
82415—M. G. Hubbard—*Harvester.*



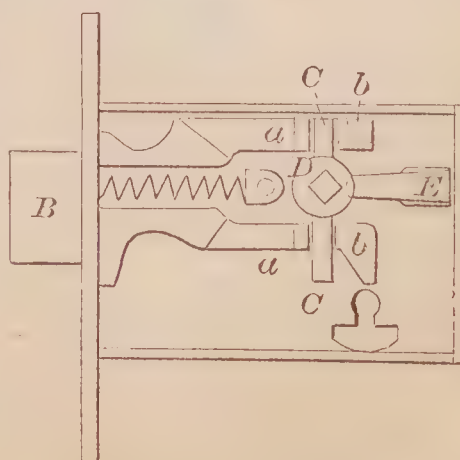
82417—J. P. Jamison—*Boot.*



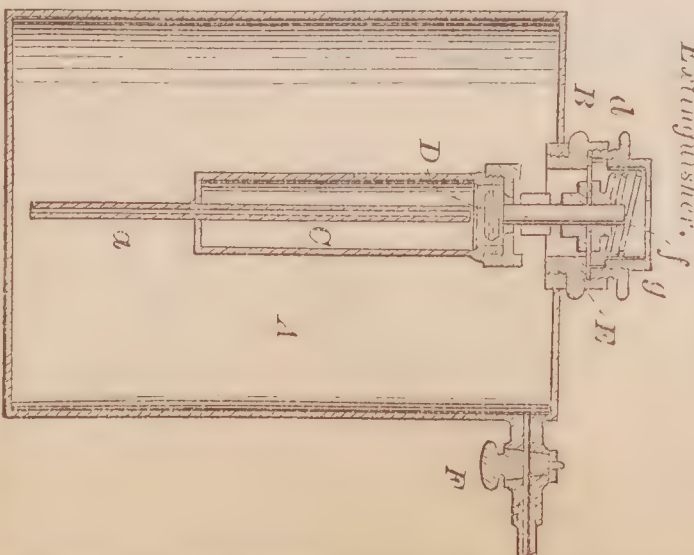
82420—G. G. Larkin—*Carriage Shackle.*



82418—F. L. Johnson—*Latch and Lock.*

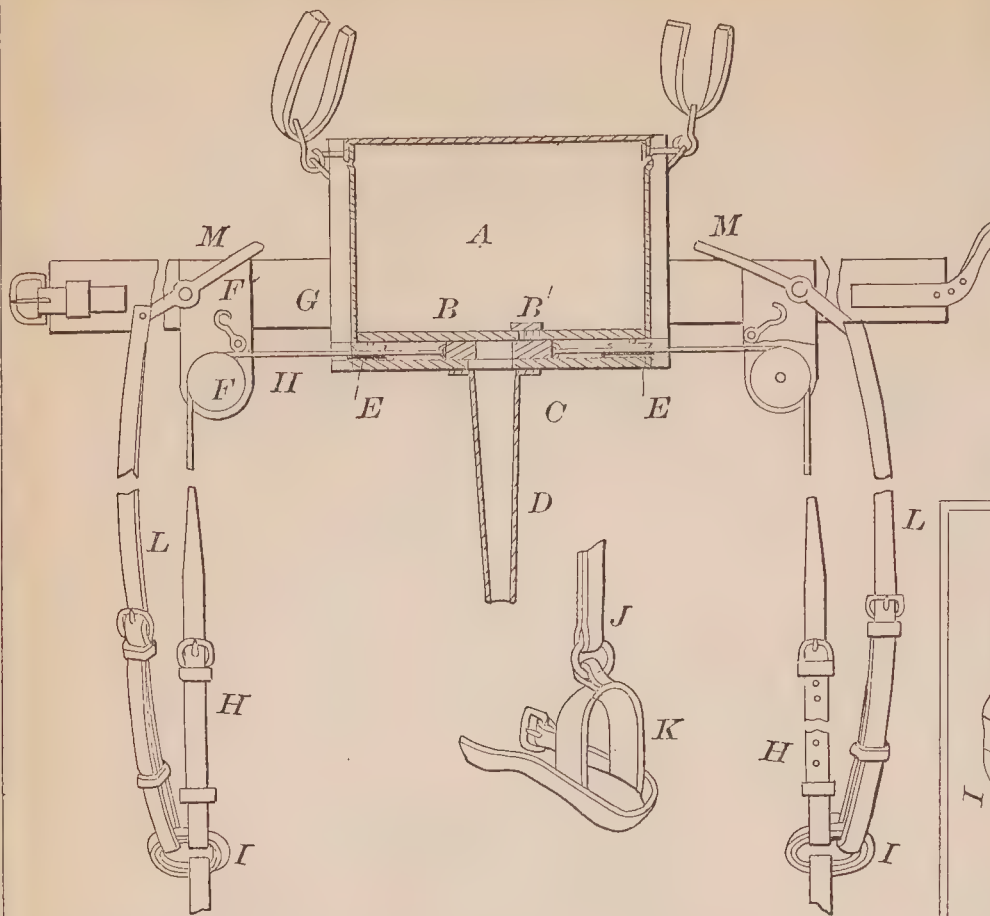


82421—W. H. Larnach—*Fire Extinguisher.*

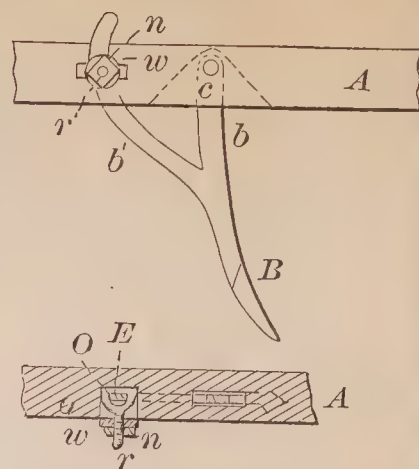




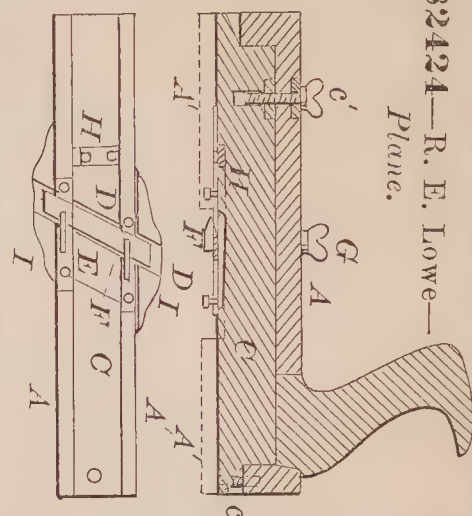
82422—J. L. Leas—*Corn Planter.*



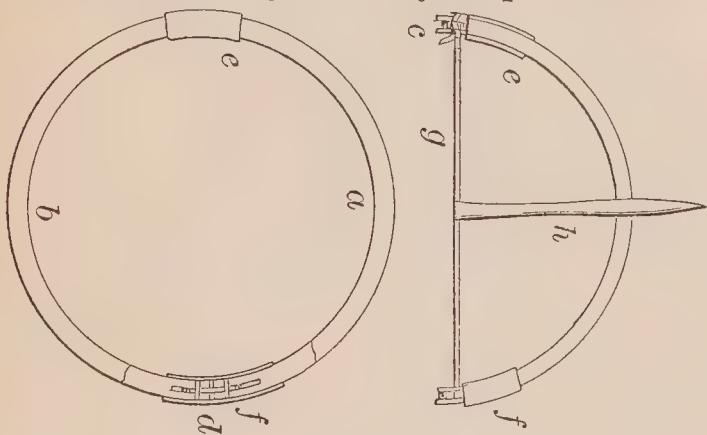
82423—Lowth & Howe—  
*Cultivator.*



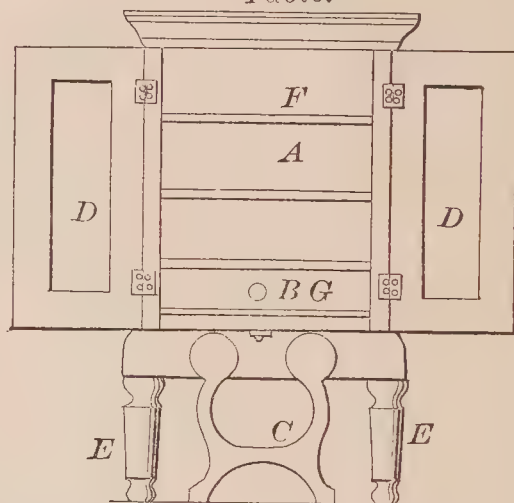
82424—R. E. Lowe—  
*Plane.*



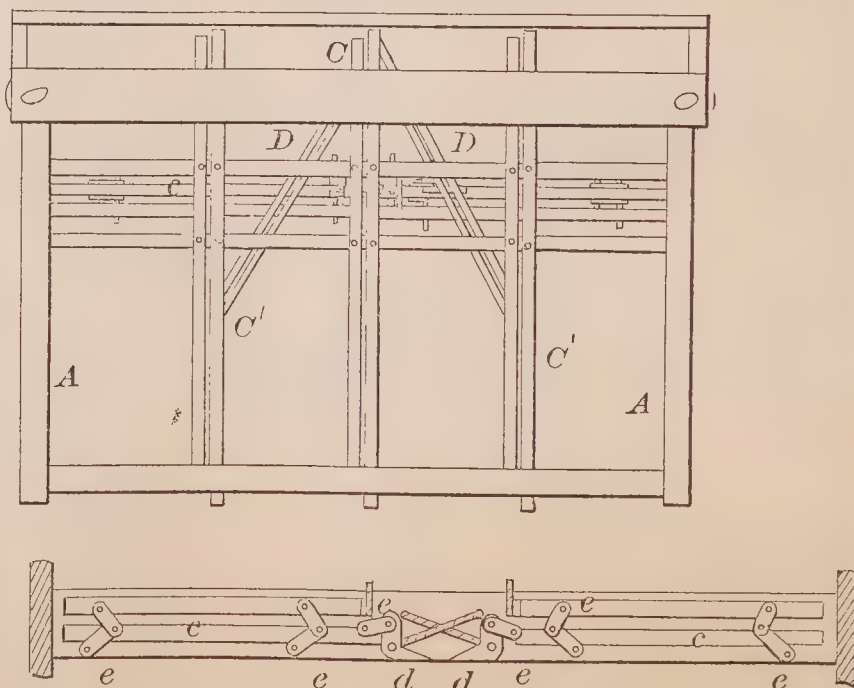
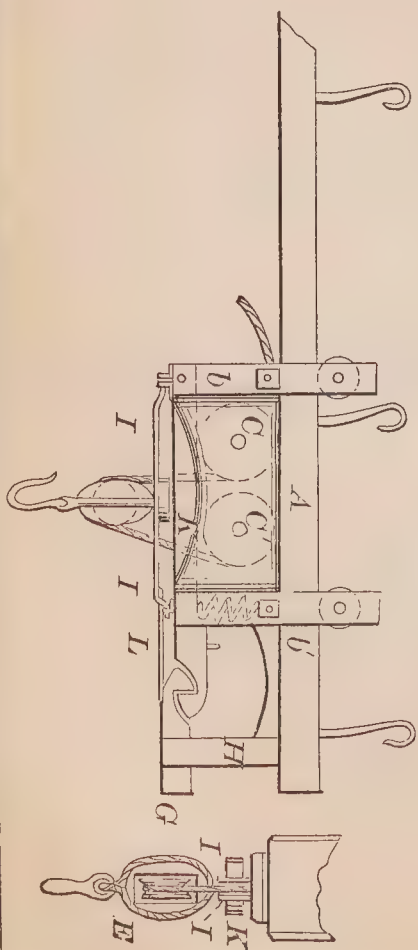
82425—T. Lucey—*Driving Hoop.*

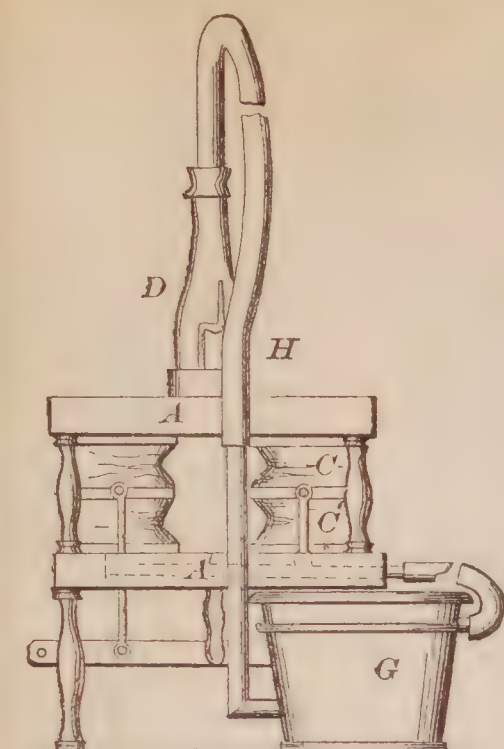


82426—J. C. Mack—*Cupboard and Table.*



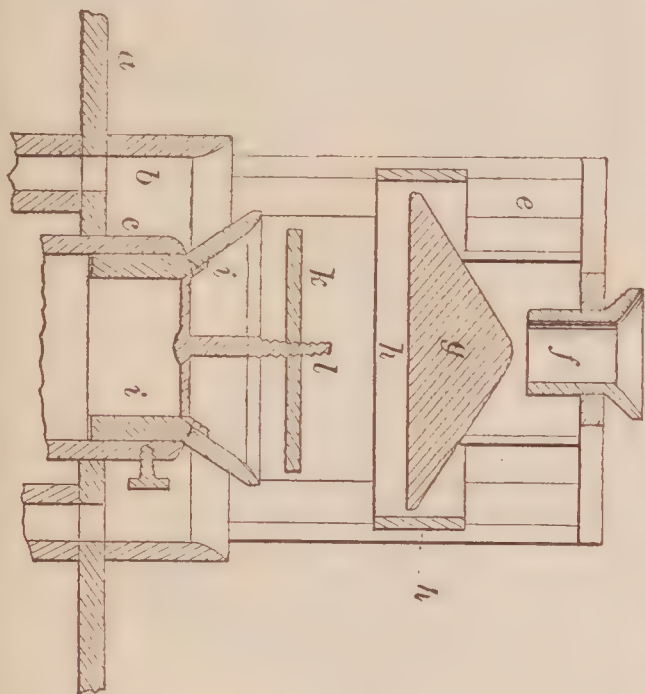
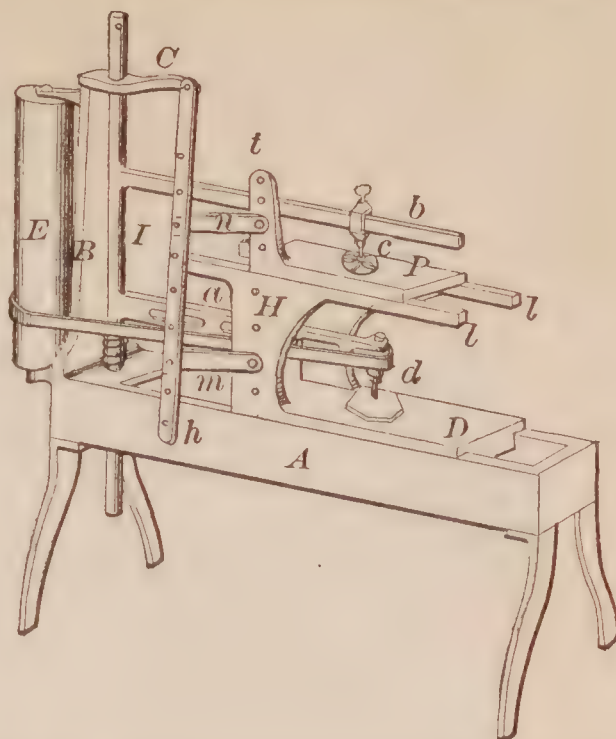
82428—F. B. McGregor—*Piano*.

82427—H. & L. M. McCOWN—*Hay Elevator.*



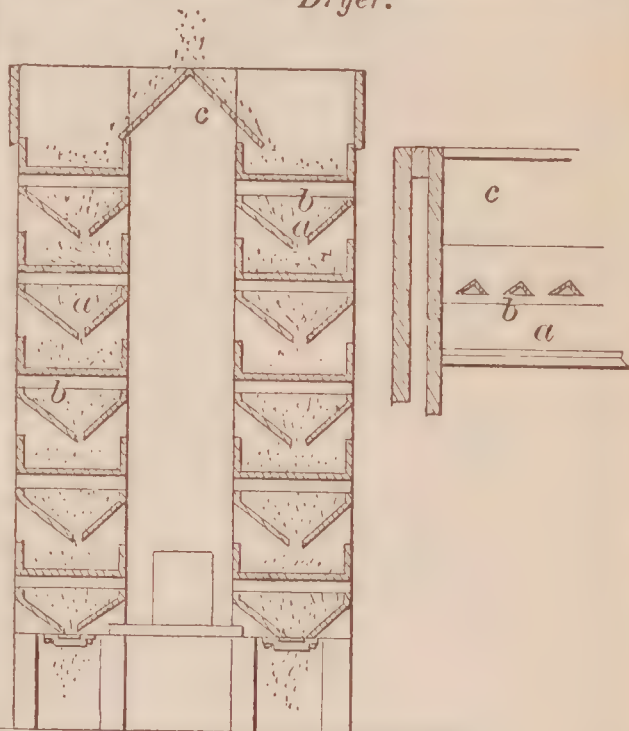
82429—D. M. Mefford—*Preserving Fruit*

82430—G. Merrill—*Carving Machine*.

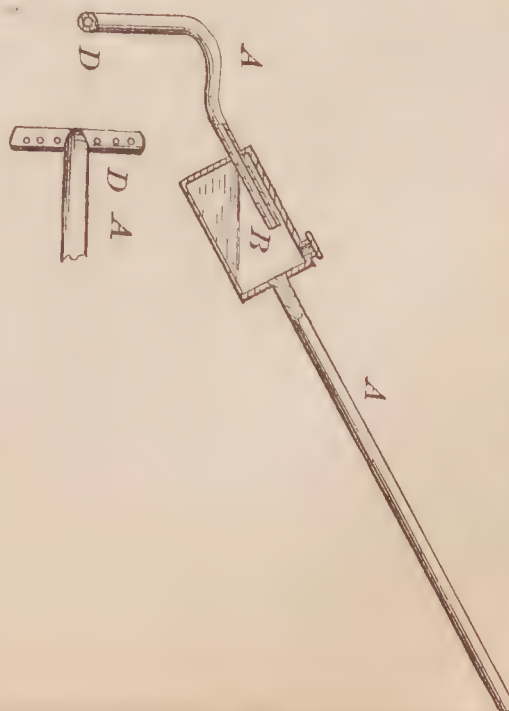
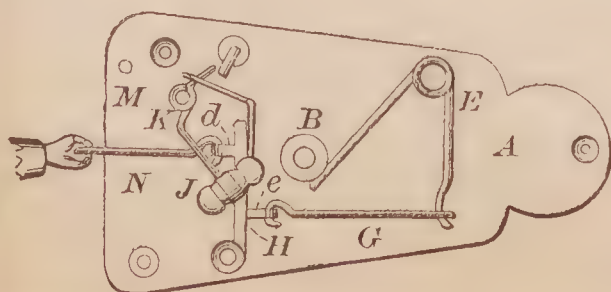
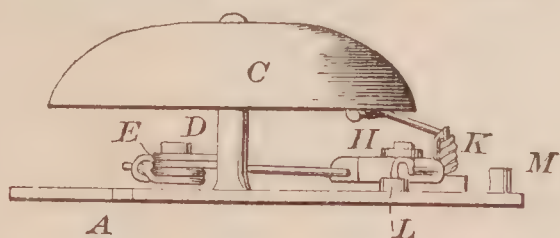


82431—Mills & Chichester—*Grain Separator*.

82432—Mills & Chichester—*Grain Dryer*.

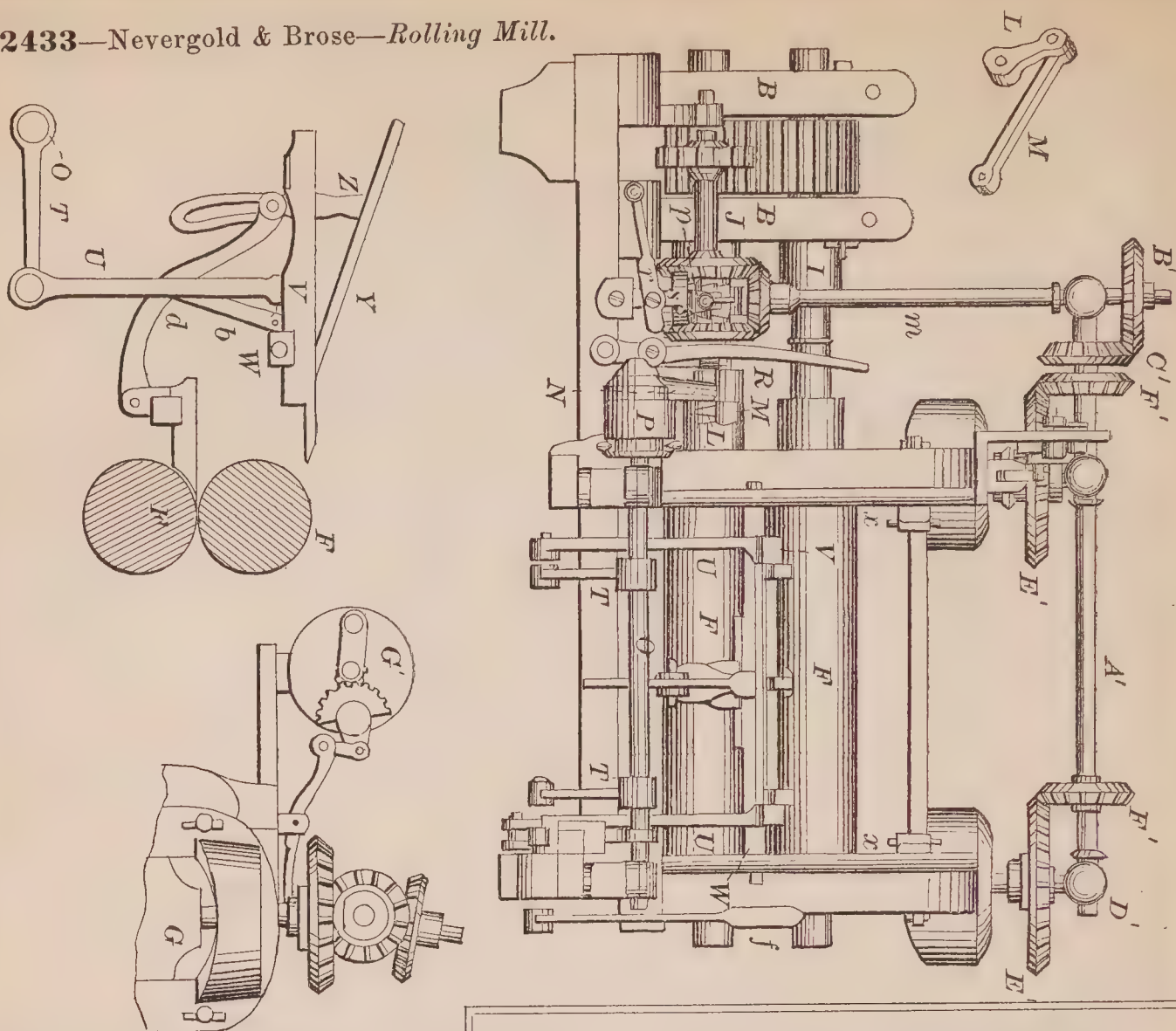
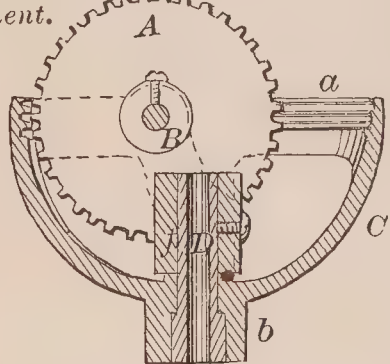
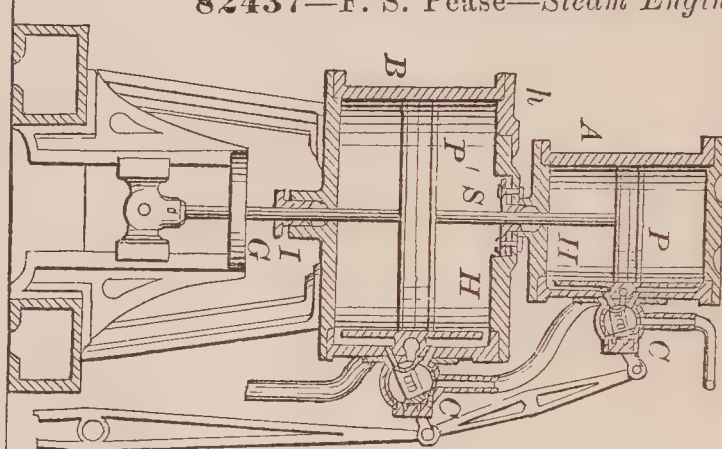
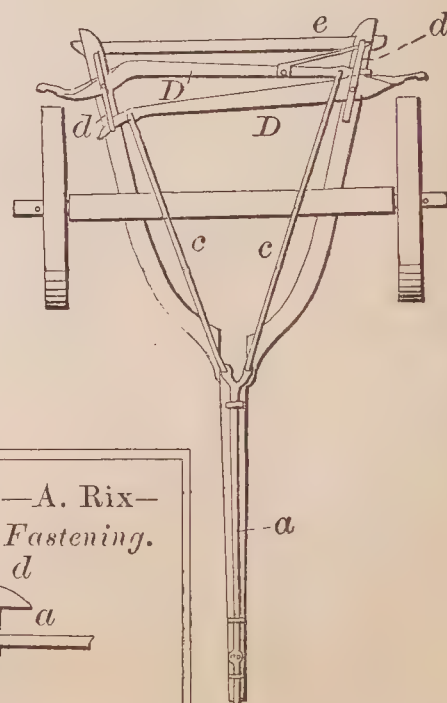
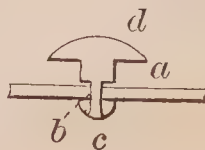
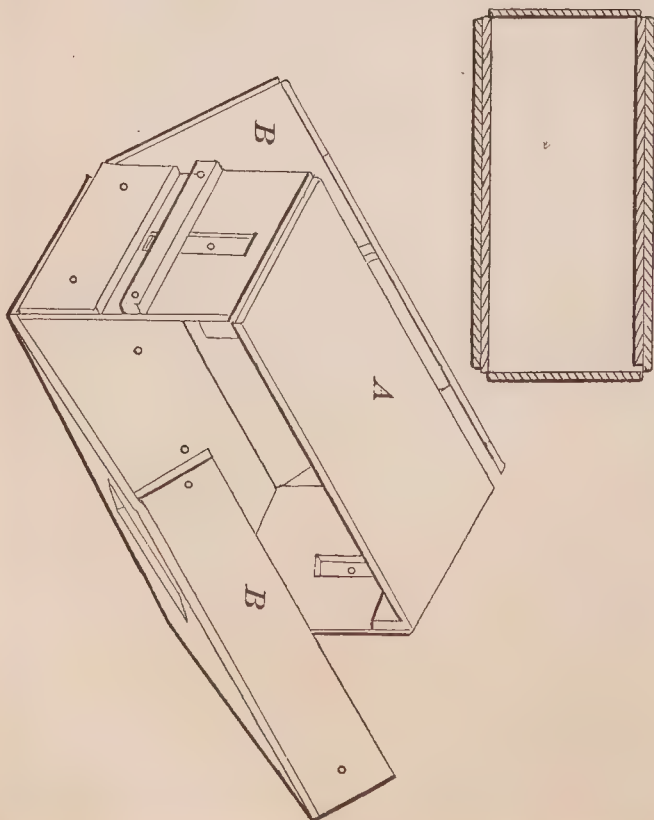


82434—W. H. Nichols—*Door Bell*.

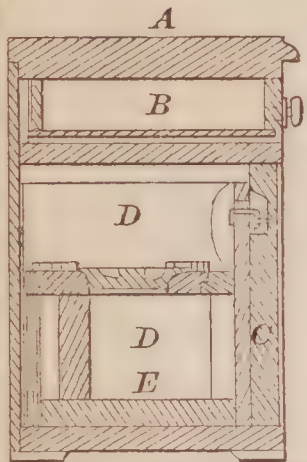
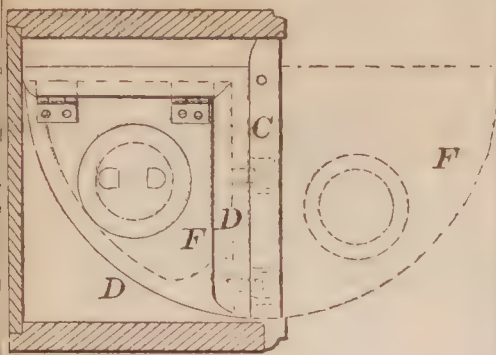


82435—H. S. Osborn—*Refining Cast Iron*.

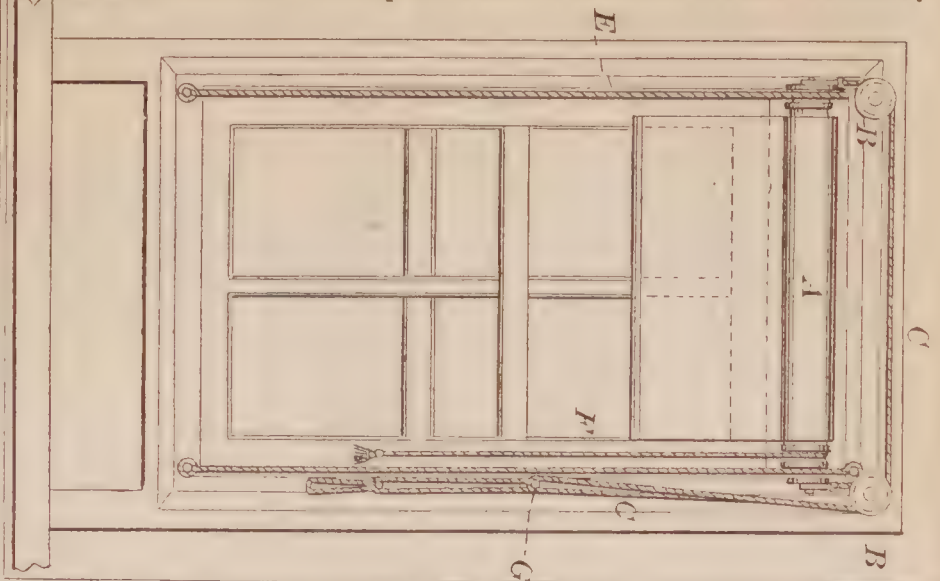


82433—Nevergold & Brose—*Rolling Mill*.82436—I. E. Palmer—*Mechanical Movement*.82437—F. S. Pease—*Steam Engine*.82439—J. S. Pfrimmer—*Wagon Brake*.82440—A. Rix—*Button Fastening*.82438—J. M. Perkins—*Fruit Box*.

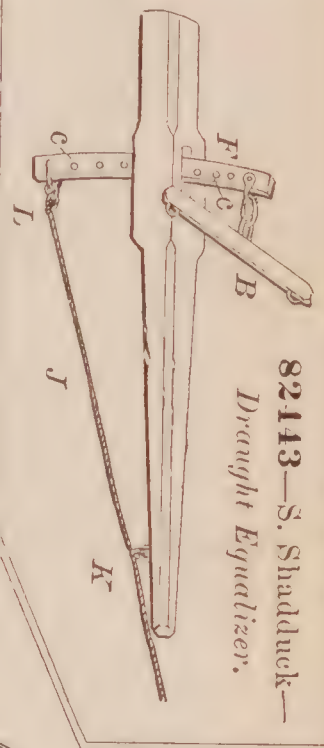
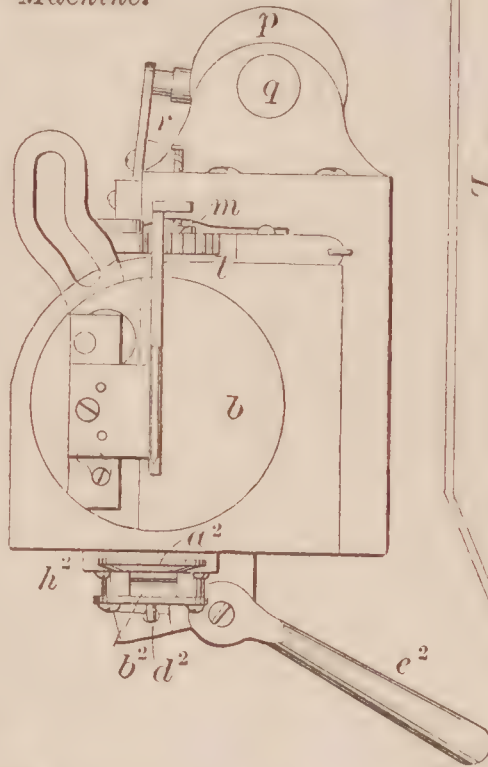
82441—V. Schreck—*Wash Stand and Sick Chair.*



82442—Seborn, Dunlap & Geist—*Window Shade Fixture.*

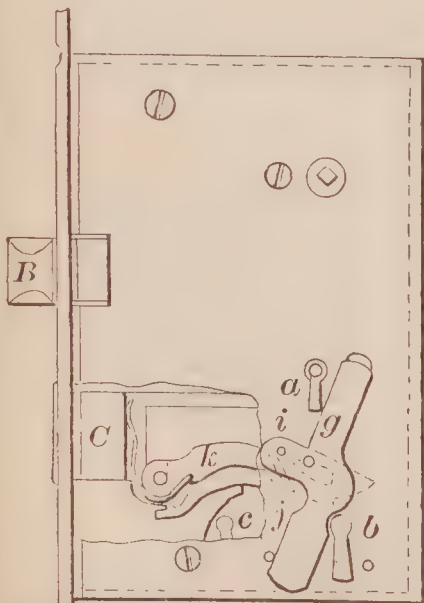
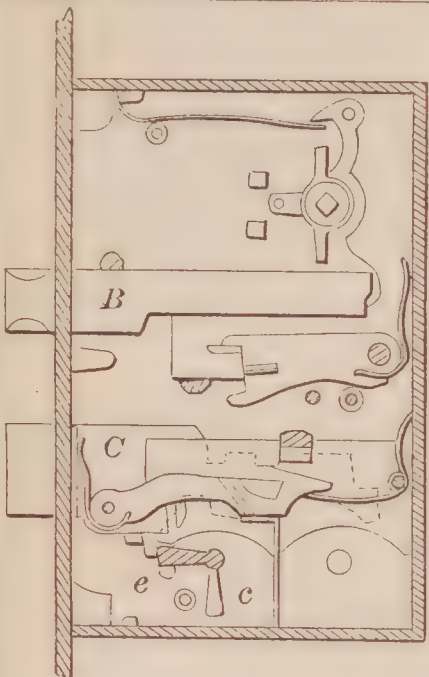


82448—J. W. Soule—*Pegging Machine.*

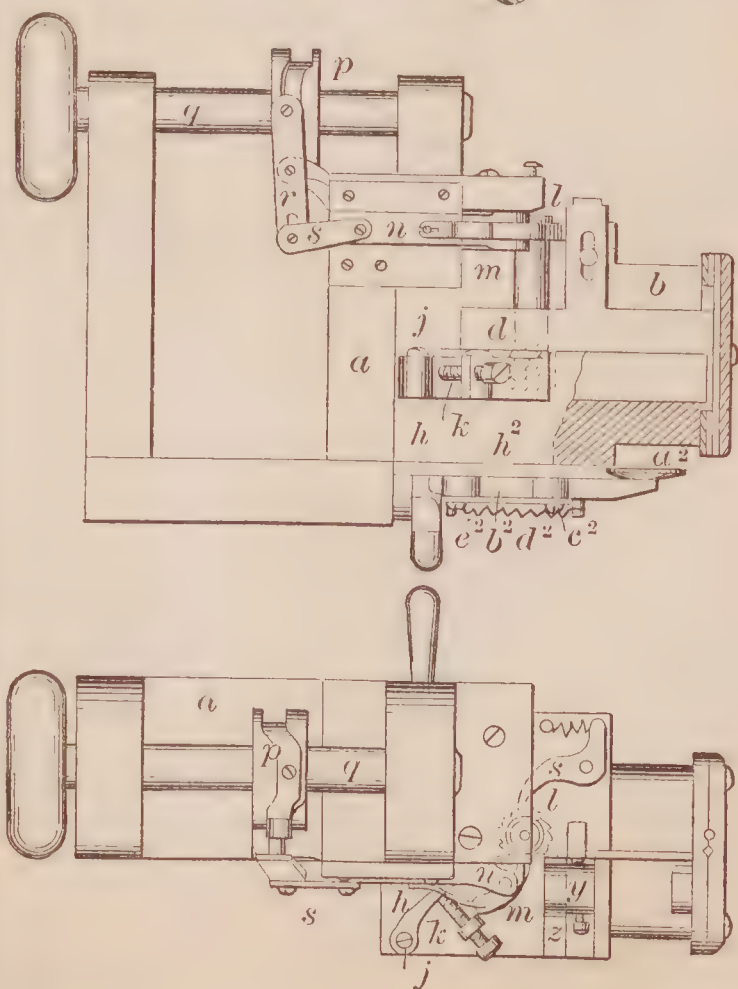
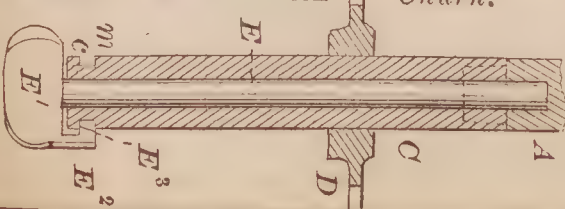


82443—S. Shaddock—*Draught Equalizer.*

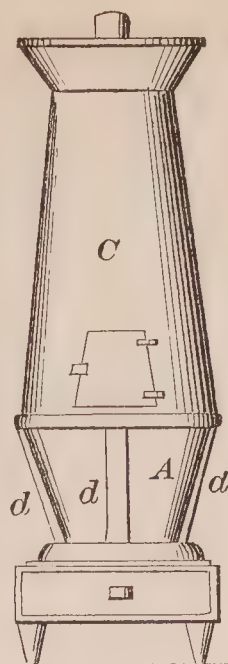
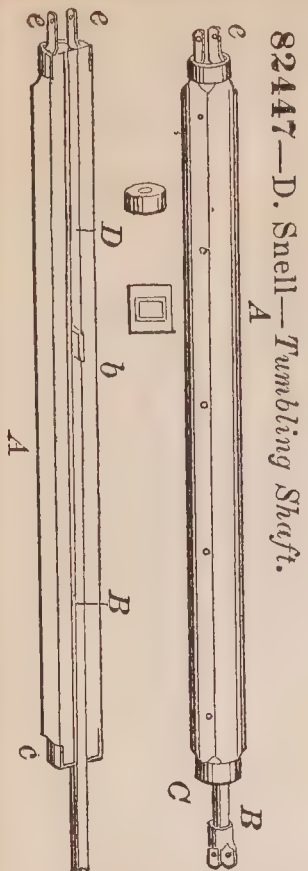
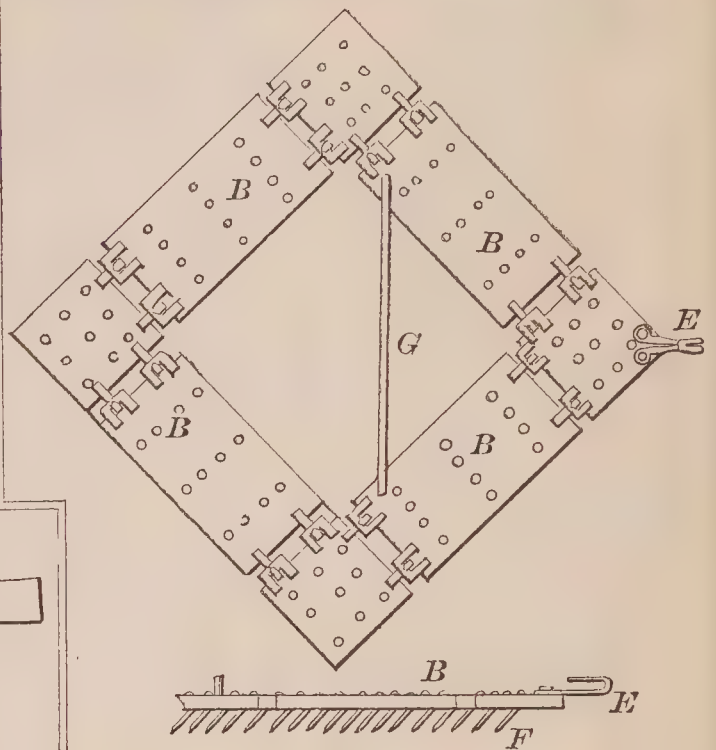
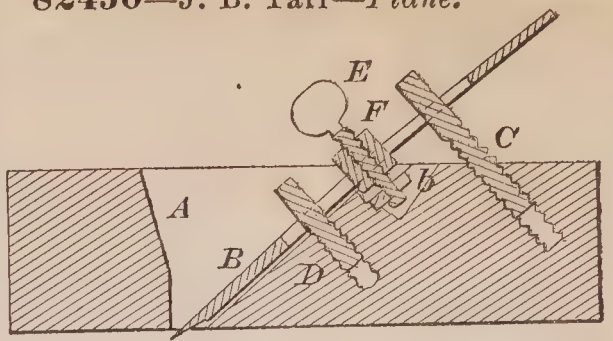
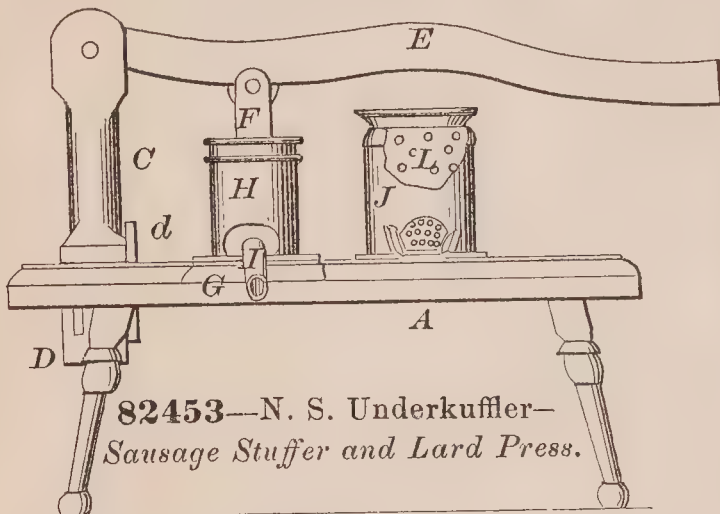
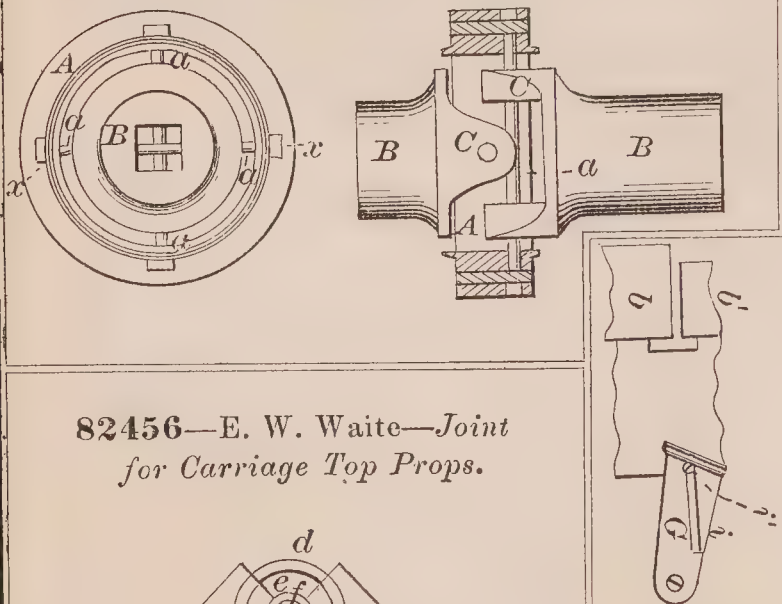
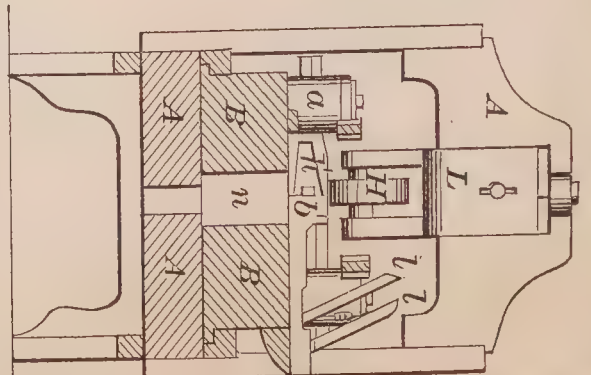
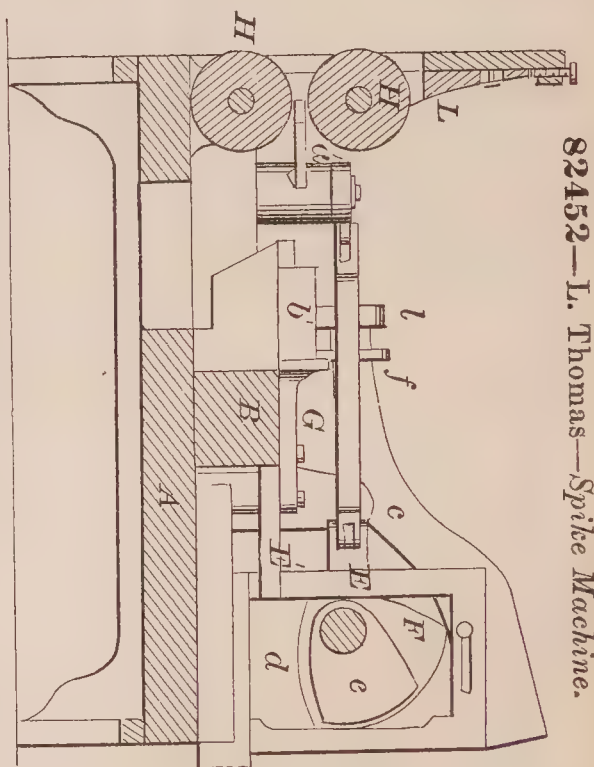
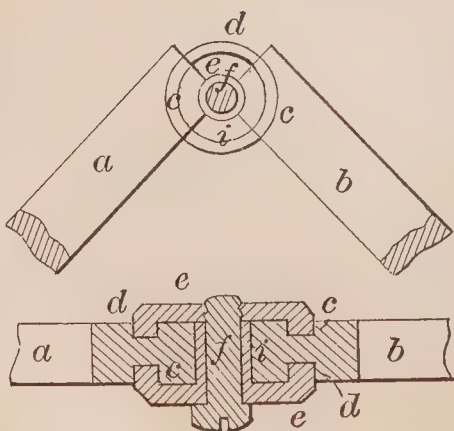
82444—W. C. Simclair—*Safety Guard for Locks.*



82446—W. C. Smith—*Churn.*

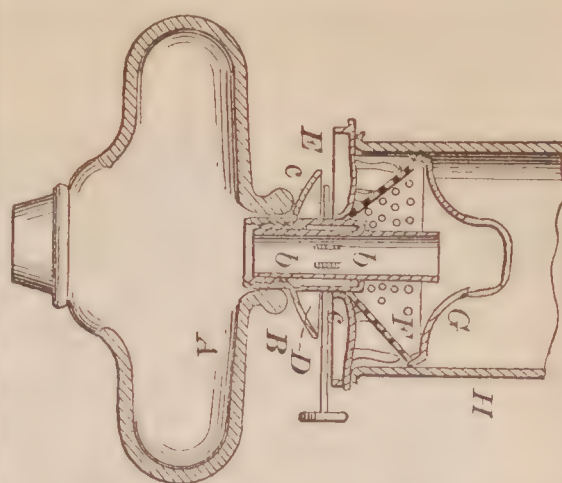
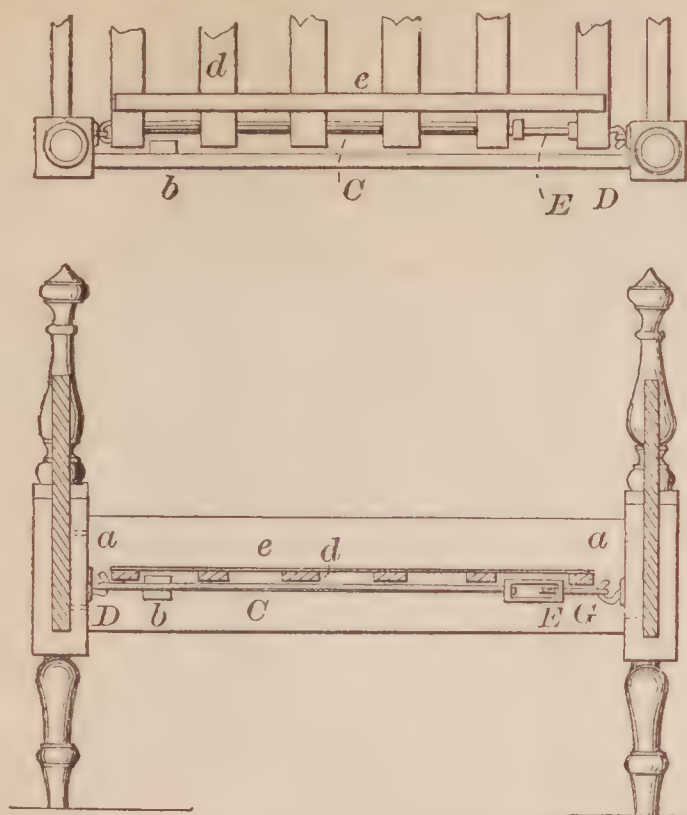




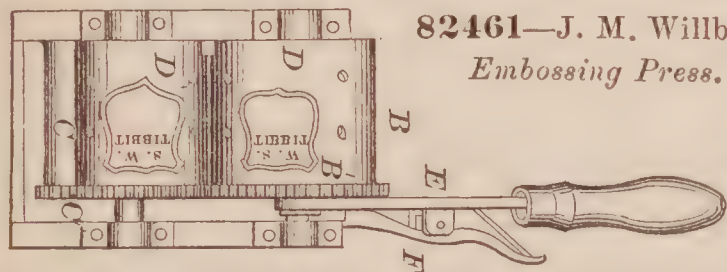
82450—J. B. Tarr—*Plane.*82451—J. J. Thomas—*Harrow.*82455—J. S. Upton—*Shaft Coupling.*82456—E. W. Waite—*Joint for Carriage Top Props.*



82457—Ward & Babbage—*Bedstead.*

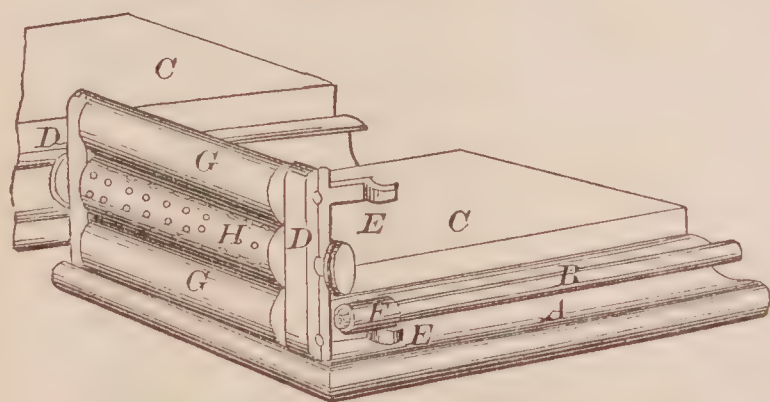
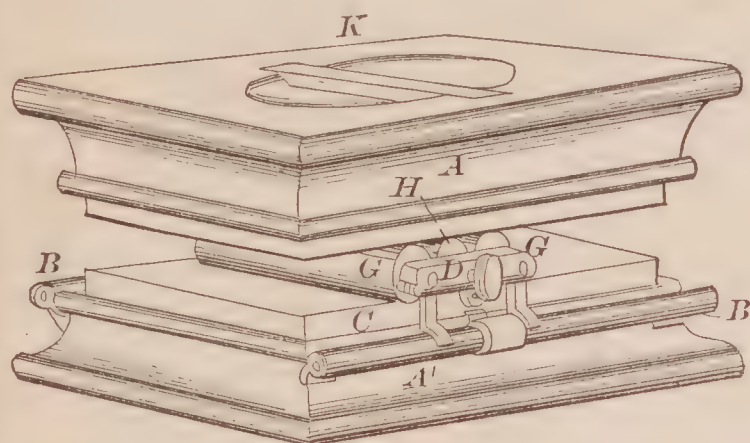


82458—Weber & Reimann—*Lamp.*

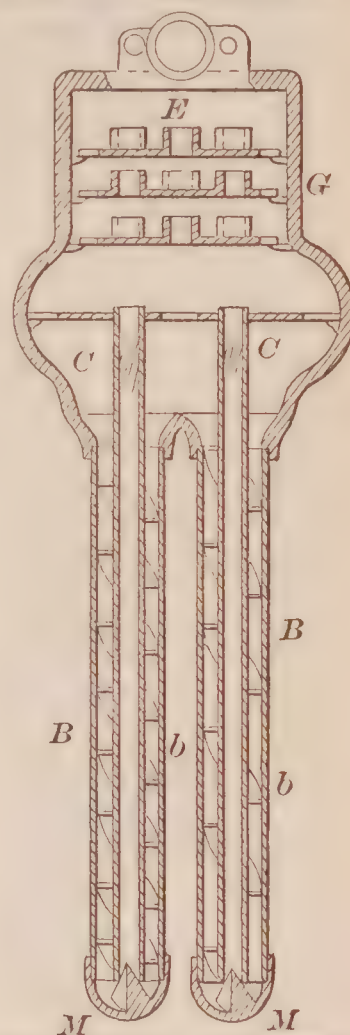
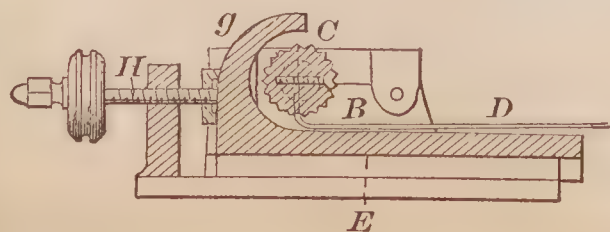


82461—J. M. Willbur—*Embossing Press.*

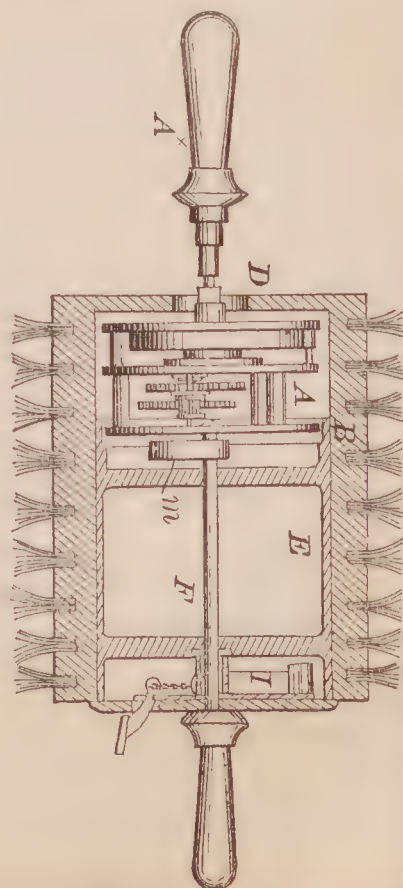
82462—J. M. Willbur—*Ink Pad.*



82463—J. M. Willbur—*For Forming Stereotype Plates.*



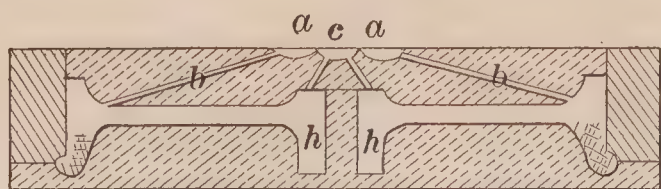
82460—S. L. Wiegand—*Steam Generator.*



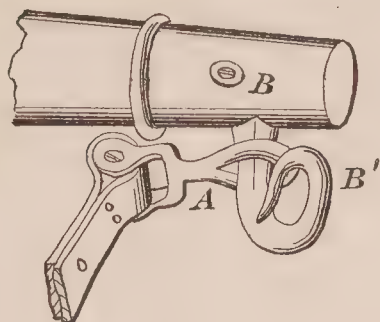
82465—W. H. Willson—*Brushing and Polishing Apparatus.*



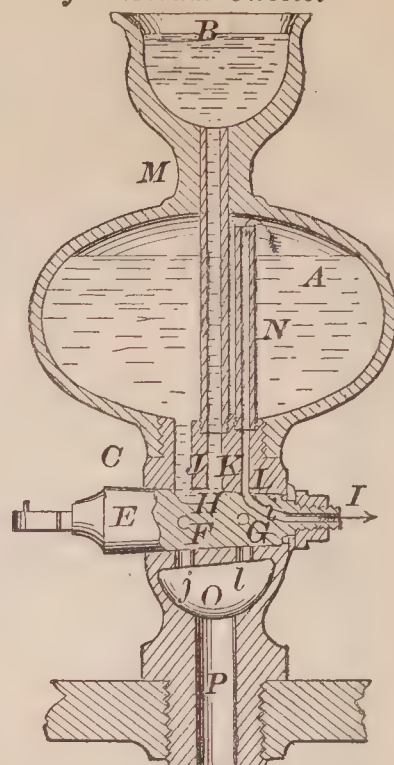
82466—W. Wilmington—*Car Wheel.*



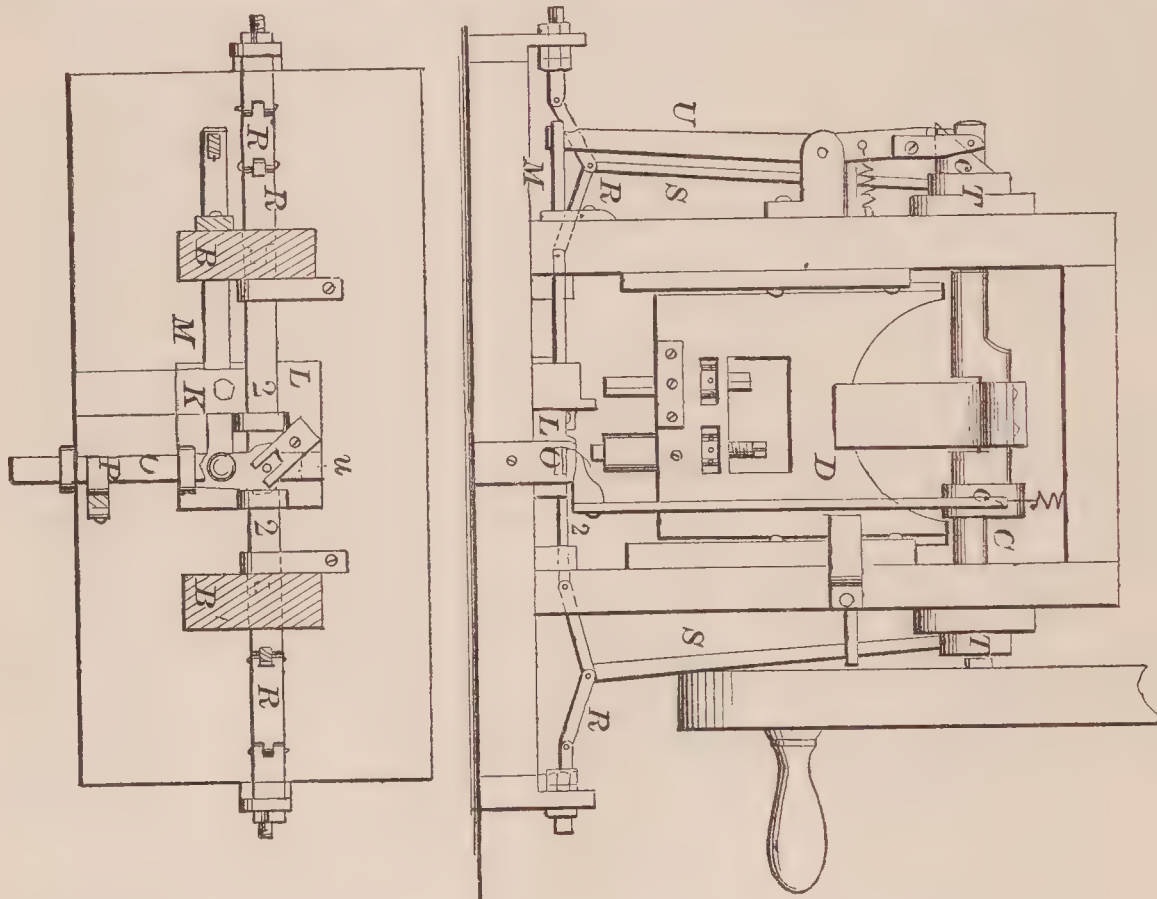
82469—J. Wood—*Whiffletree Hook.*



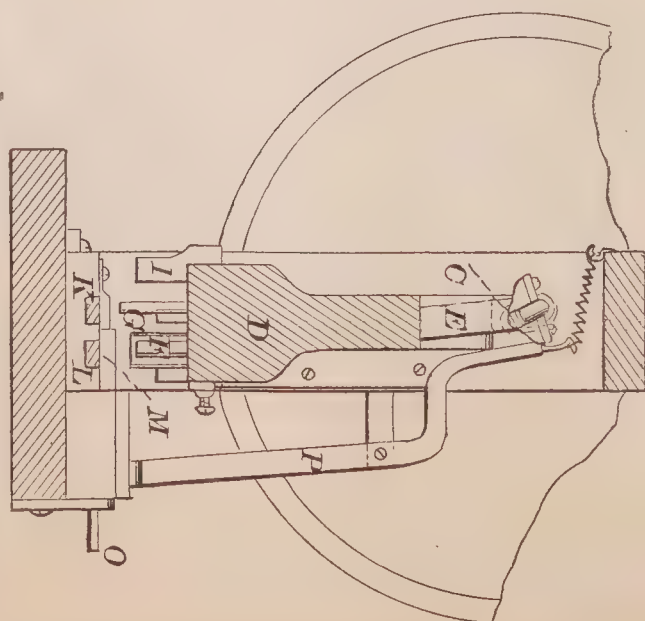
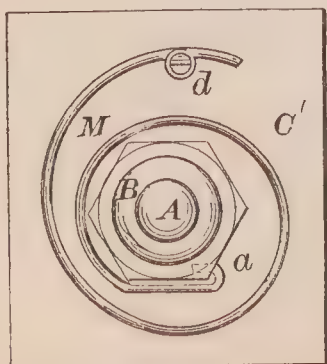
**82467**—C. A. Wilson—*Oil Globe  
for Steam Chests.*



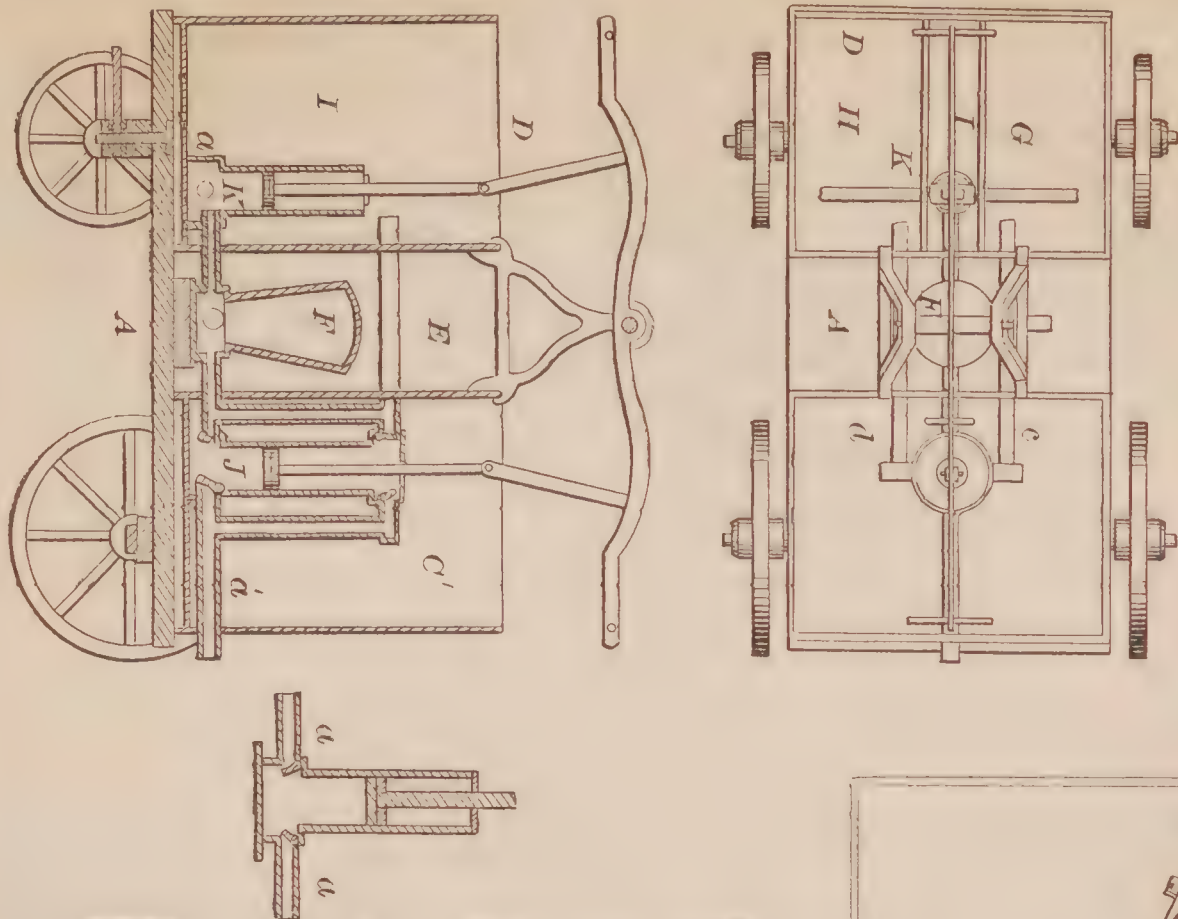
82470—O. W. Yale—*Making Nuts.*



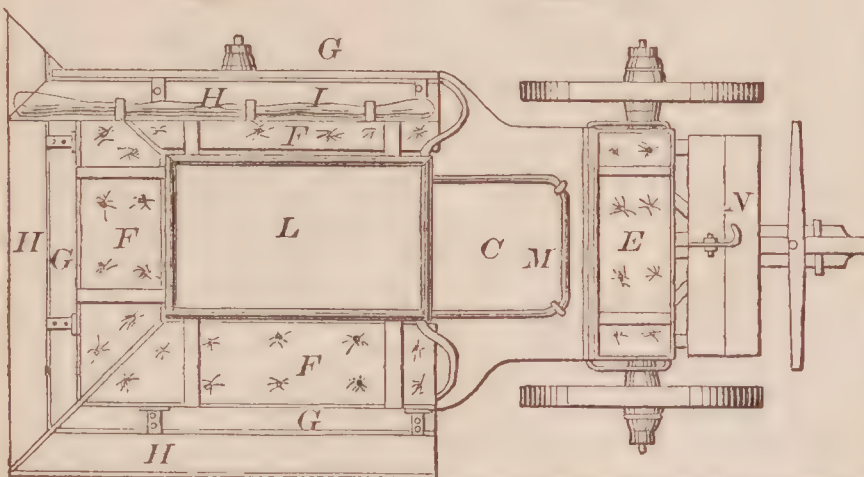
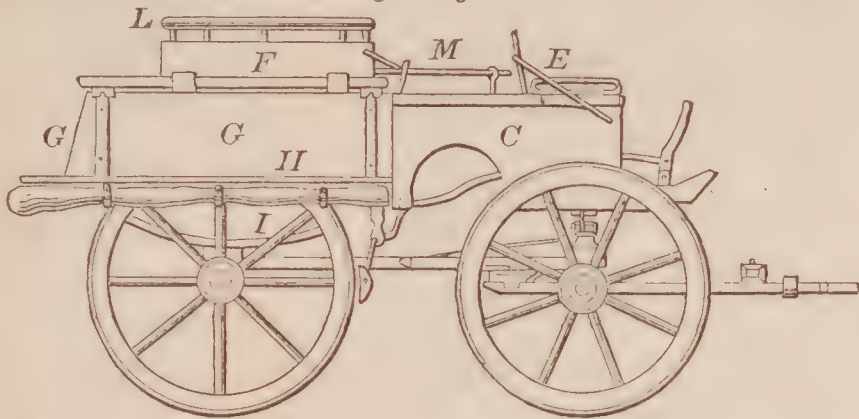
82473—Olney, Logan & Fisher—  
*Lock Nut and Tightener.*



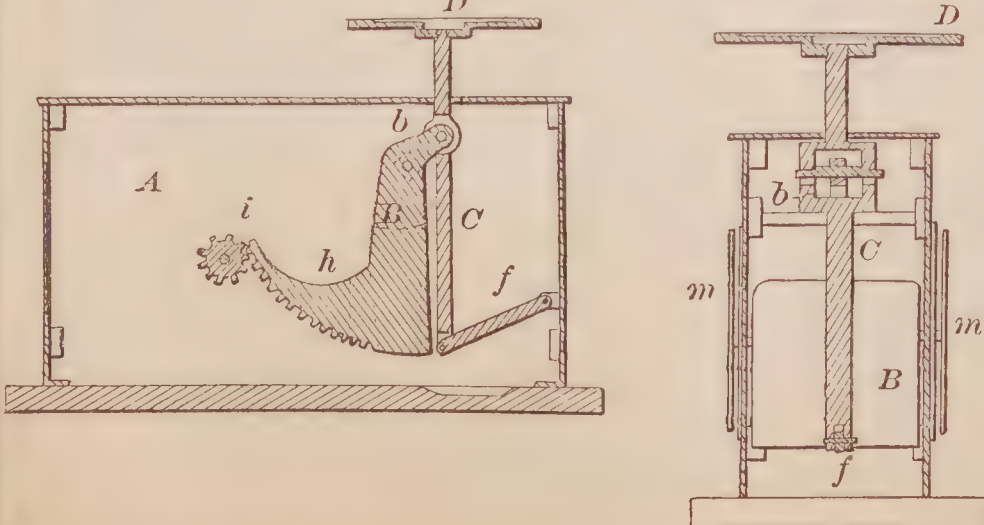
82471—G. Clark—*For Extinguishing Fires.*



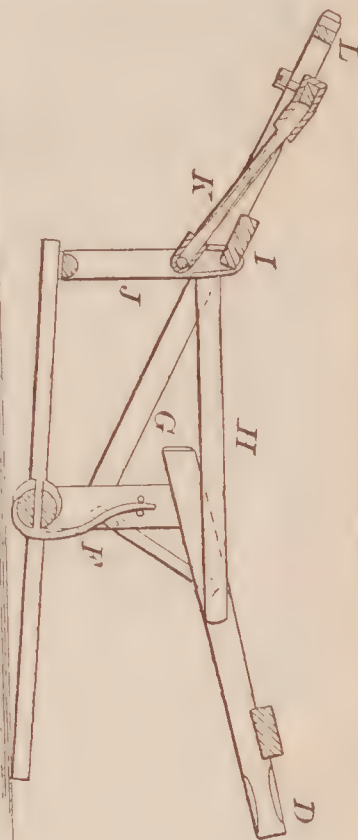
82472—A. Sully—*Army Wagon.*



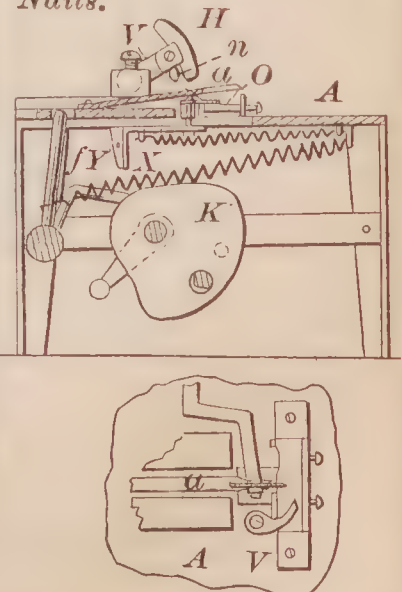
82477—G. & J. L. Babson—*Weighing Apparatus.*



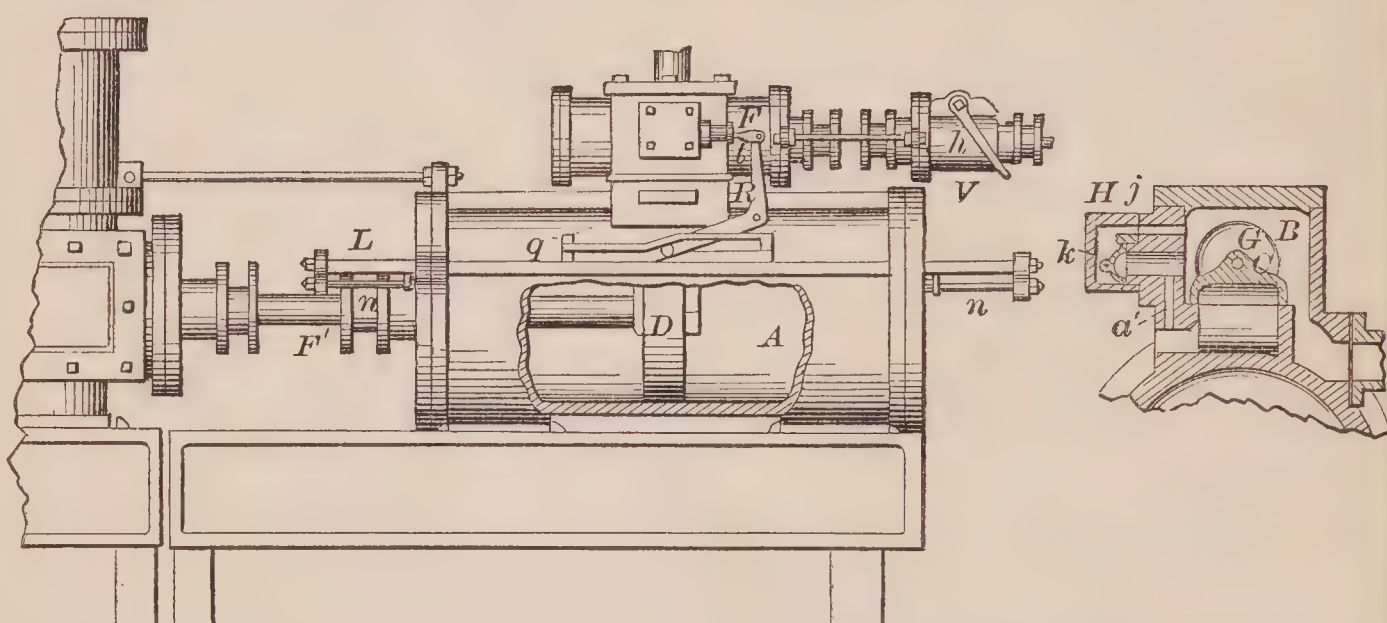
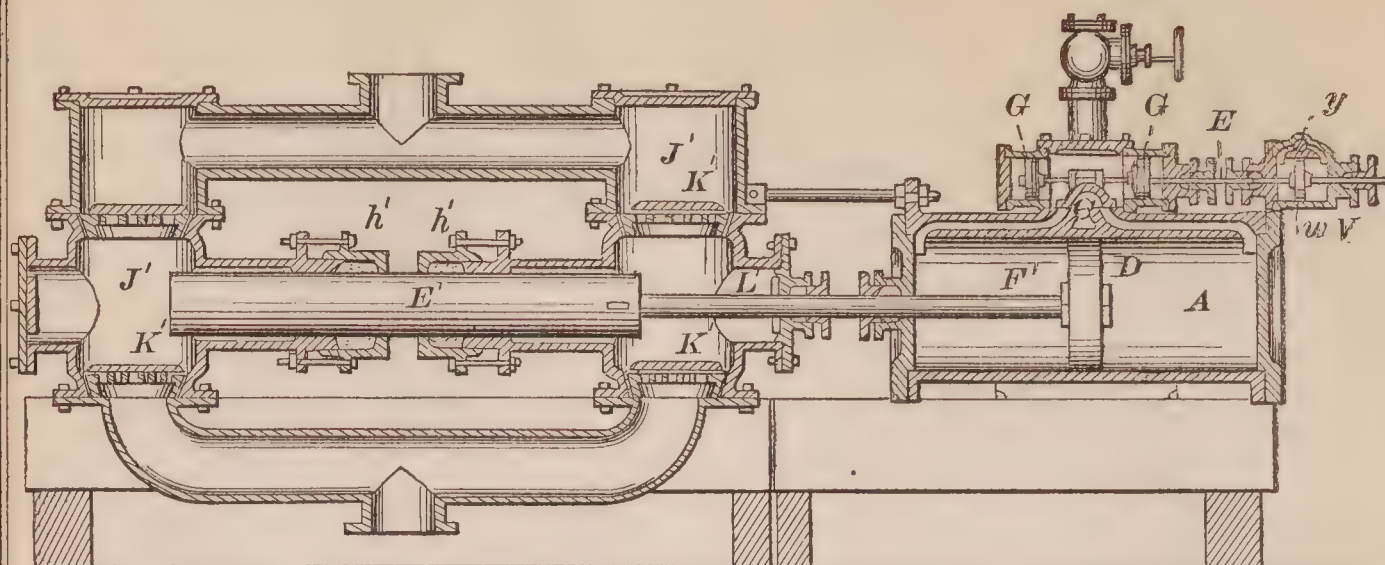
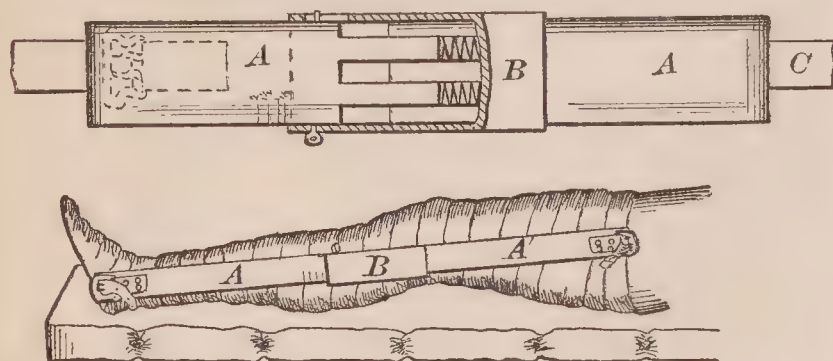
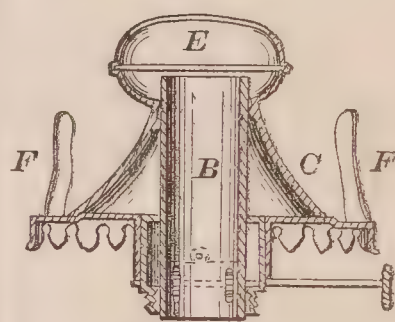
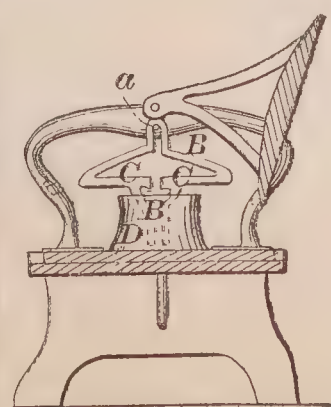
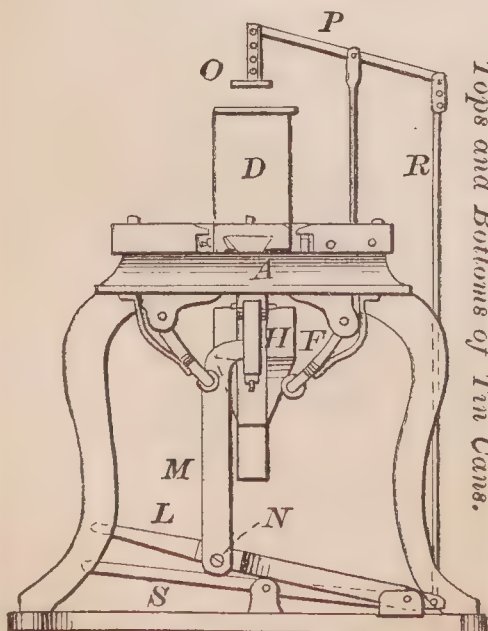
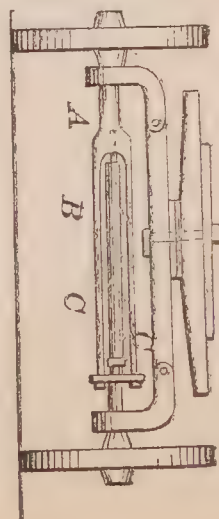
82474—J. W. Acker—*Horse Rake.*



82476—D. Armstrong—*For Pointing Horse Shoe Nails.*

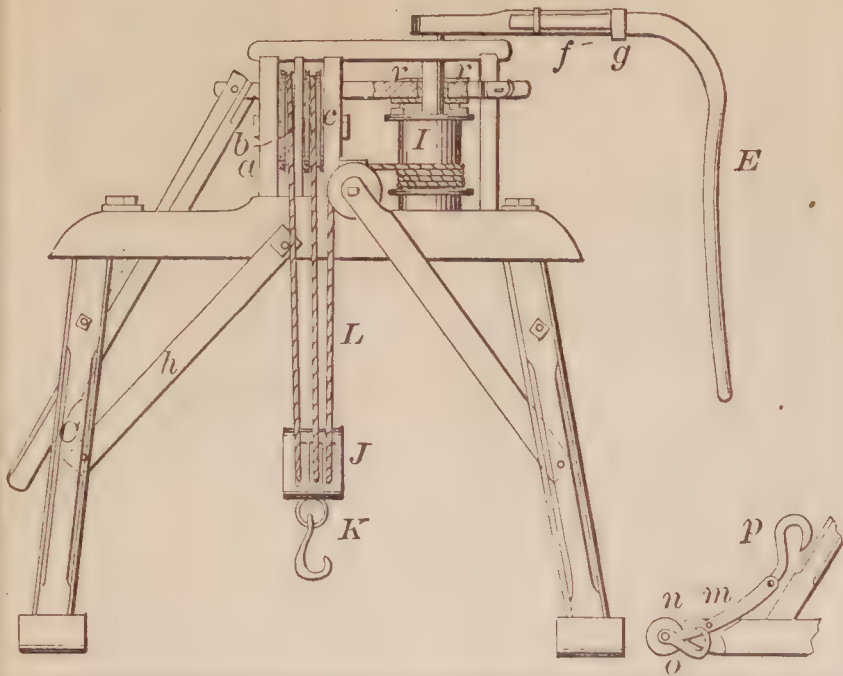




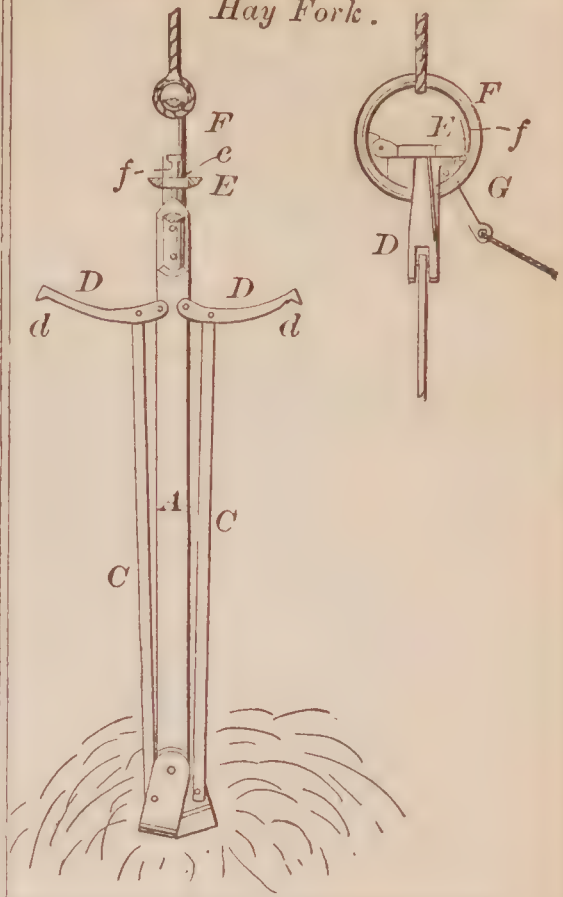
82475—R. Allison—*Pumping Engine.*82478—H. D. Ballard—*Surgical Splint.*82480—E. C. Blakeslee—*Lamp.*82482—H. S. Blood—*Railway Car Seat.*82483—W. D. Bollinger—*Carriage Axle.*82481—E. W. Bliss—*For Bending the Tops and Bottoms of Tin Cans.*



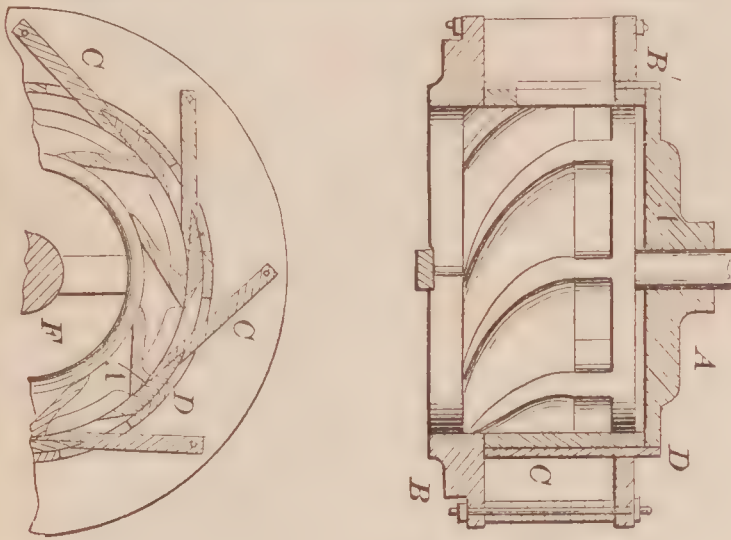
82484—T. J. Booth—*Stump Extractor.*



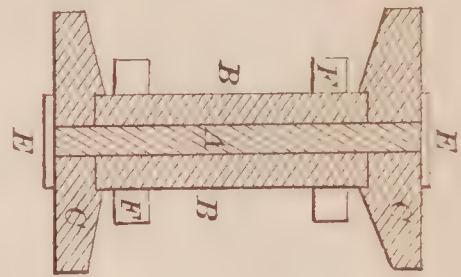
82485—W. D. Brooks—*Horse Hay Fork.*



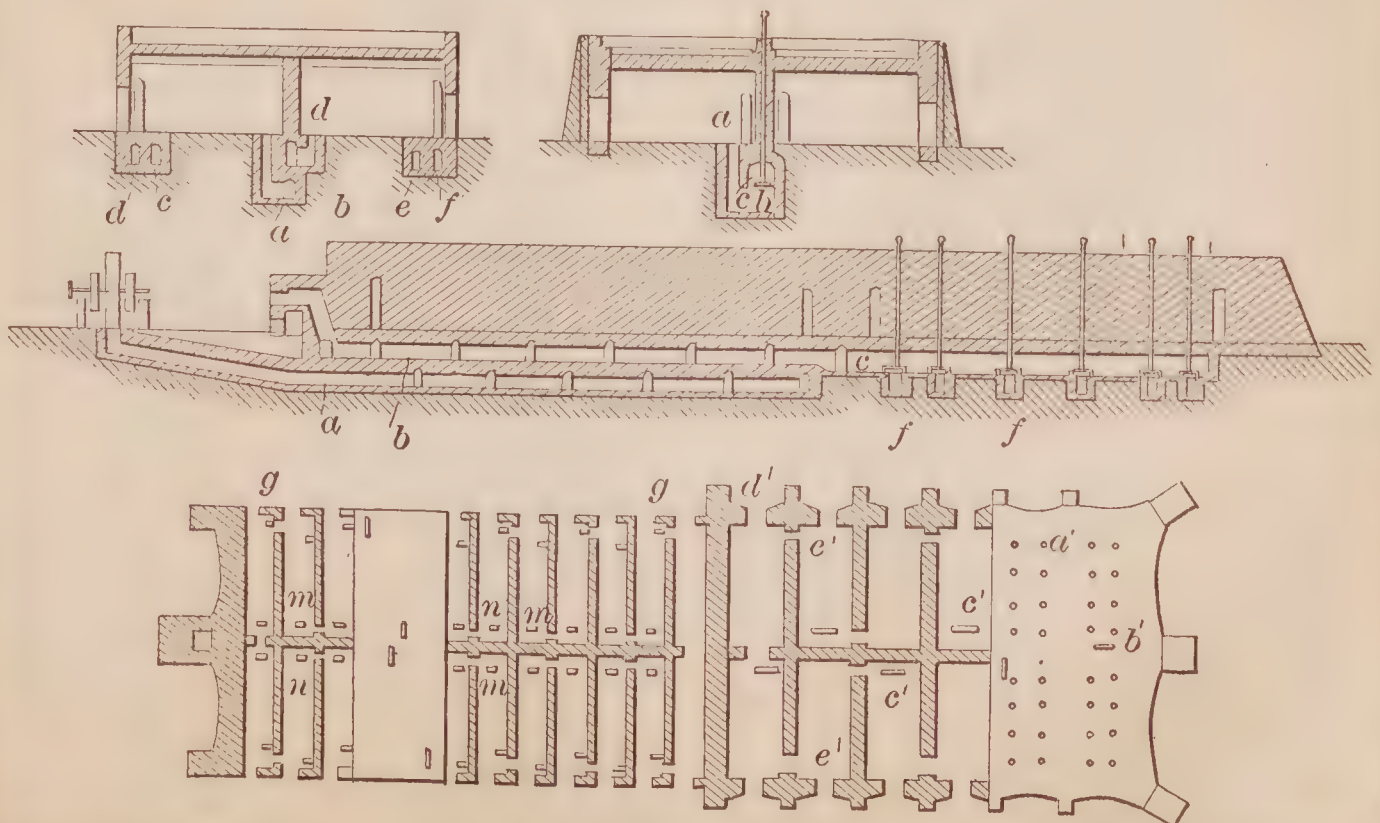
82486—J. D. Bryson—*Water Wheel Casing.*



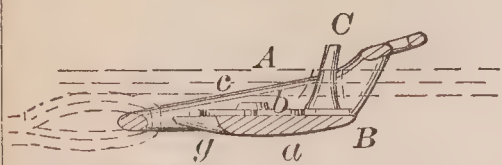
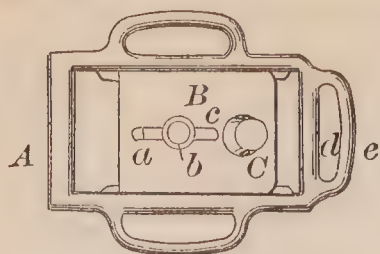
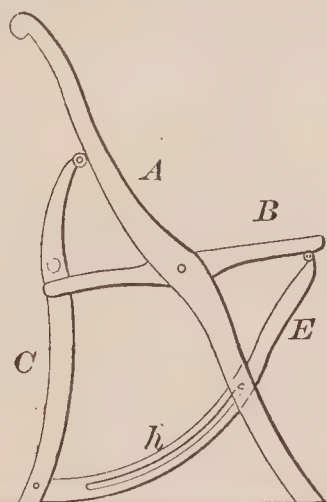
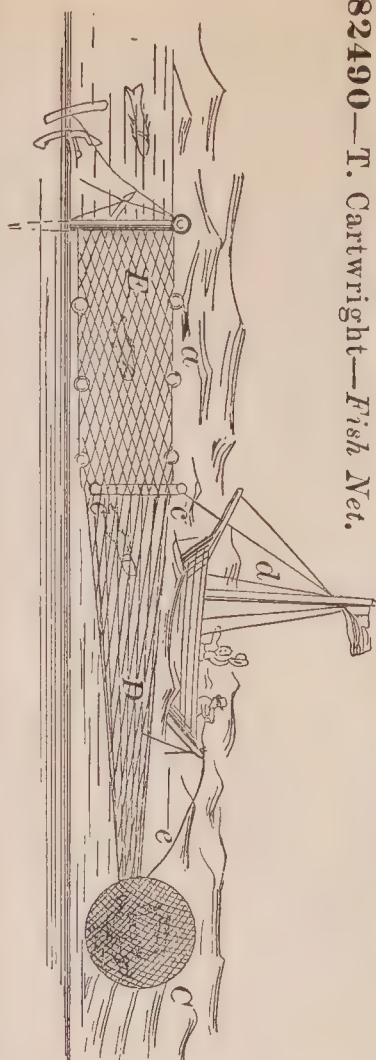
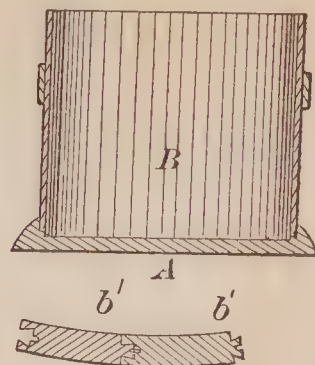
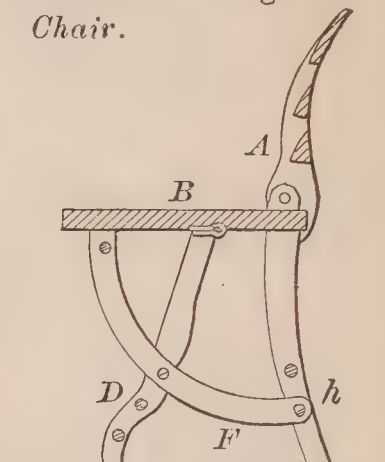
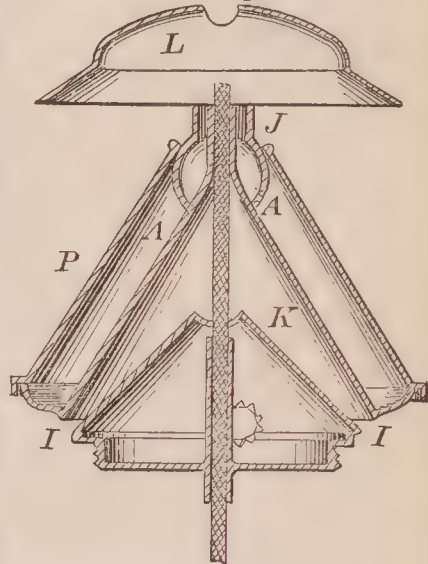
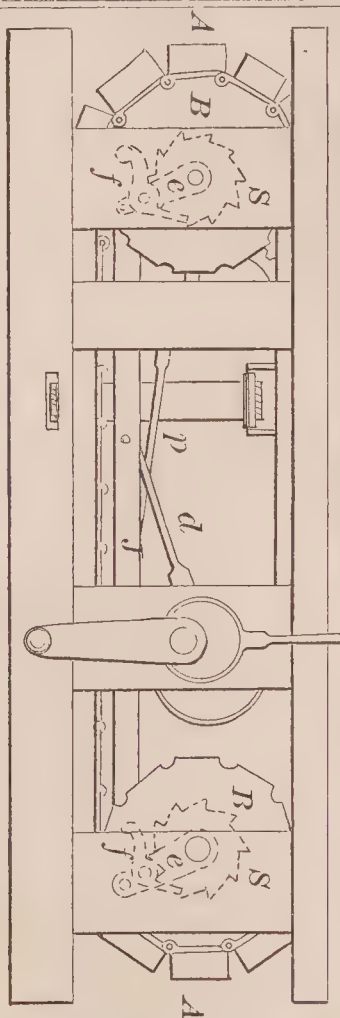
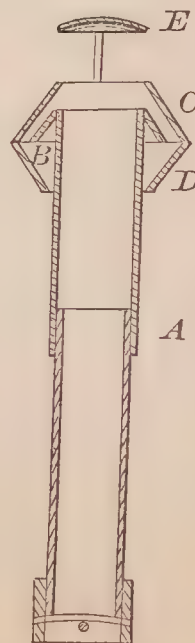
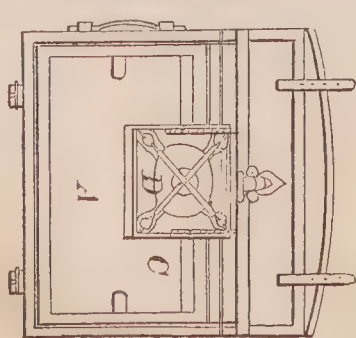
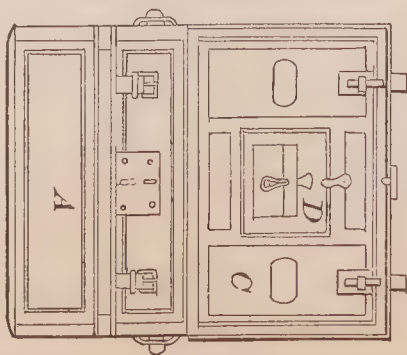
82487—H. T. Buffington, Jr.—*Beam Fagot.*



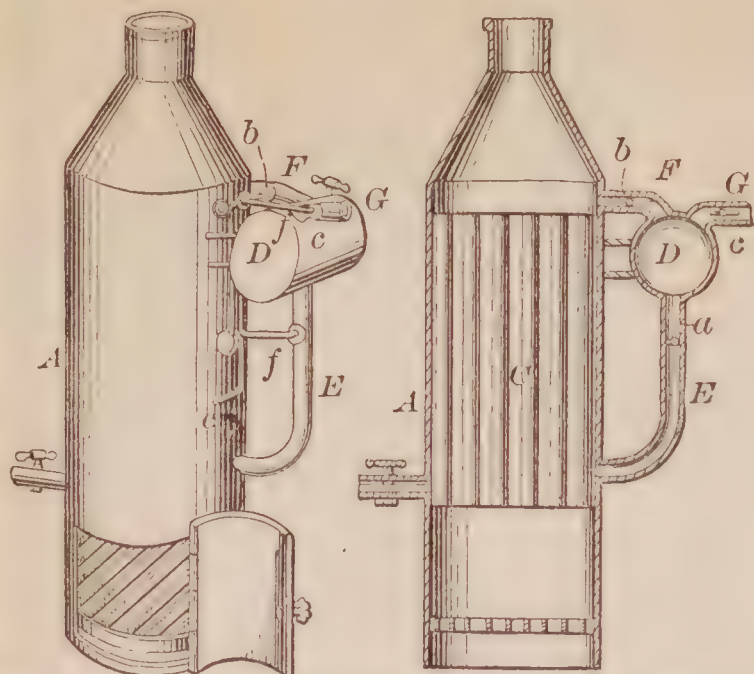
82488—J. Buhner—*Drying and Burning Kiln.*



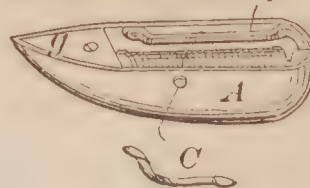


82489—W. G. Bunker—*Buckle.*82494—C. O. & N. Collignon—*Chair.*82490—T. Cartwright—*Fish Net.*82491—F. Chase—*Zincking or Tinning Bath.*82493—A. Collignon—*Chair.*82495—W. R. Cranna—*Lamp.*82492—P. Clark—*Brick Machine.*82497—J. J. Currier—*Chimney Cowl.*82496—G. Crouch—*Trunk*

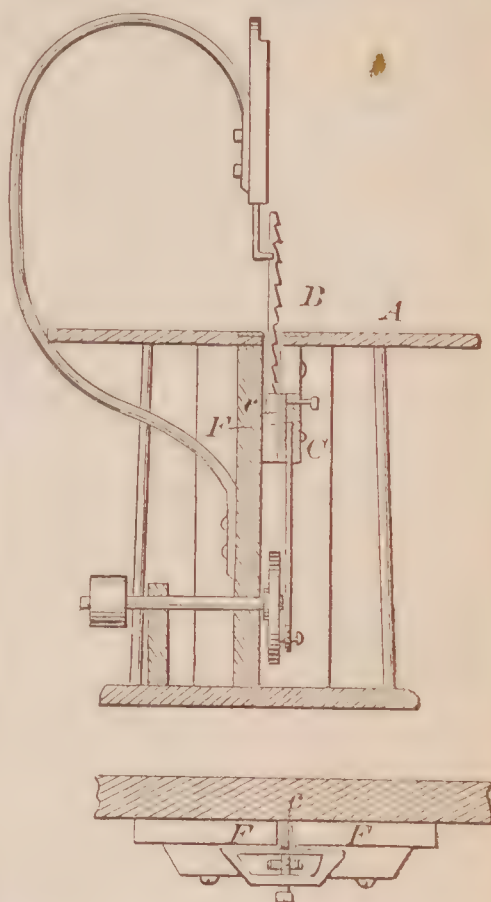
82498—J. A. Davis—Boiler Feeder.



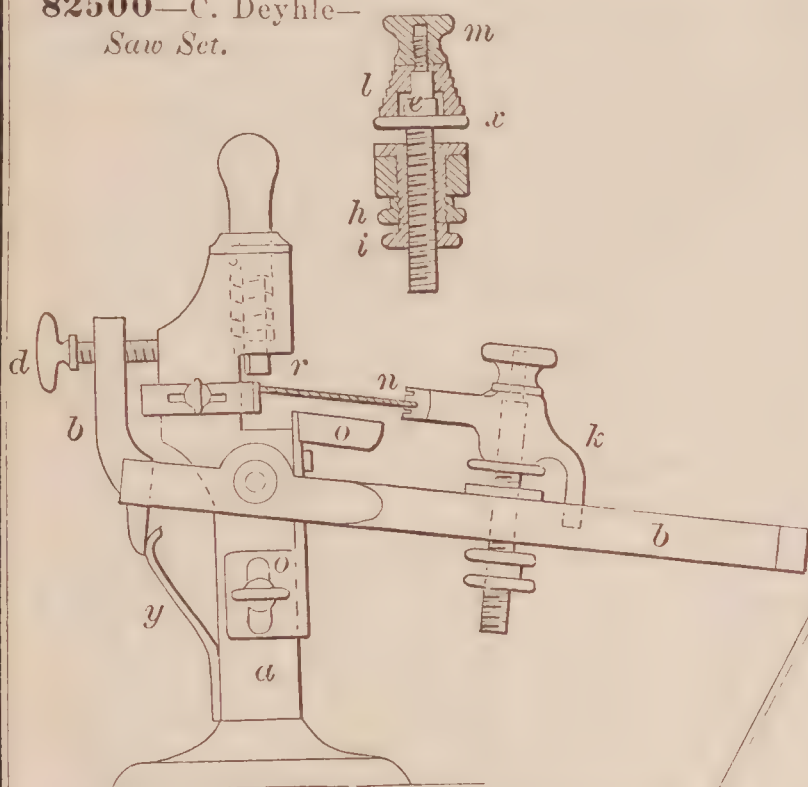
82499—J. A. Davis—Sewing Machine Shuttle, b



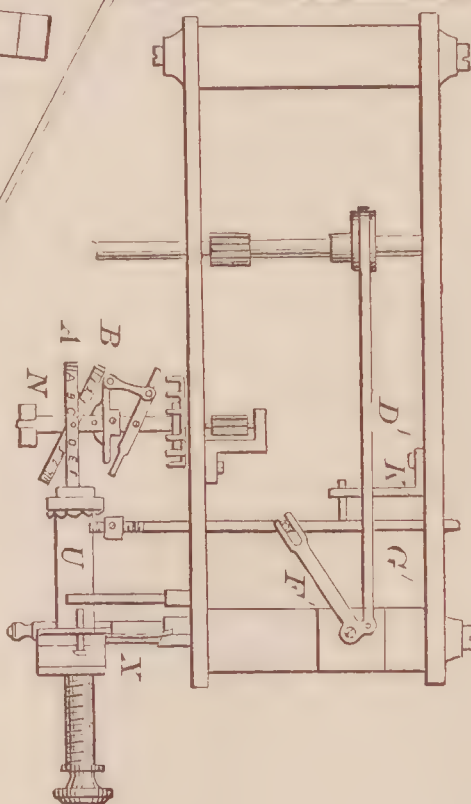
82501—W. Dobson—Scroll Saw.



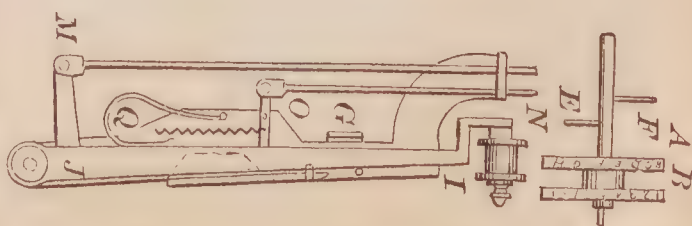
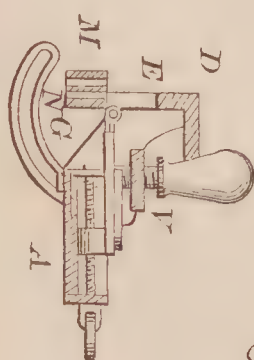
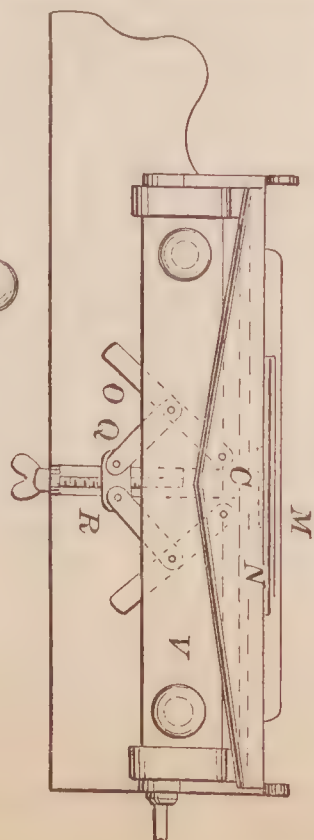
82500—C. Deyhle—Saw Set.



82502—P. A. J. Dujardin—Printing Telegraph.

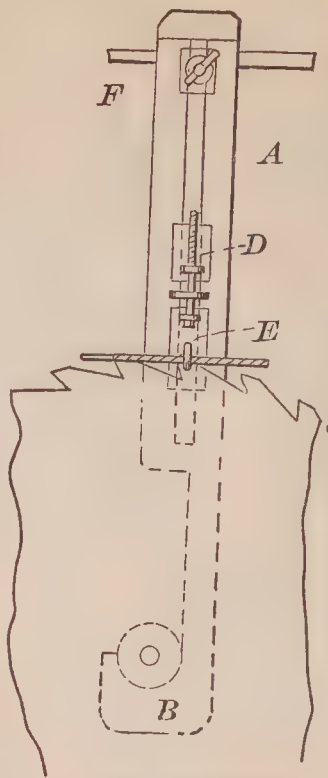


82504—J. H. Estes—Mitre Machine.

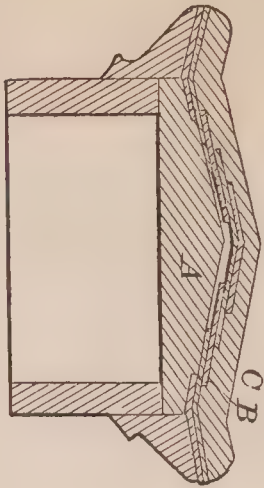




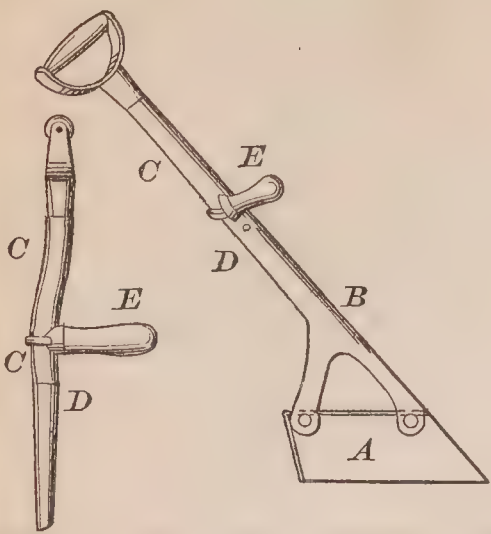
82508—I. France—*For Jointing Circular Saws.*



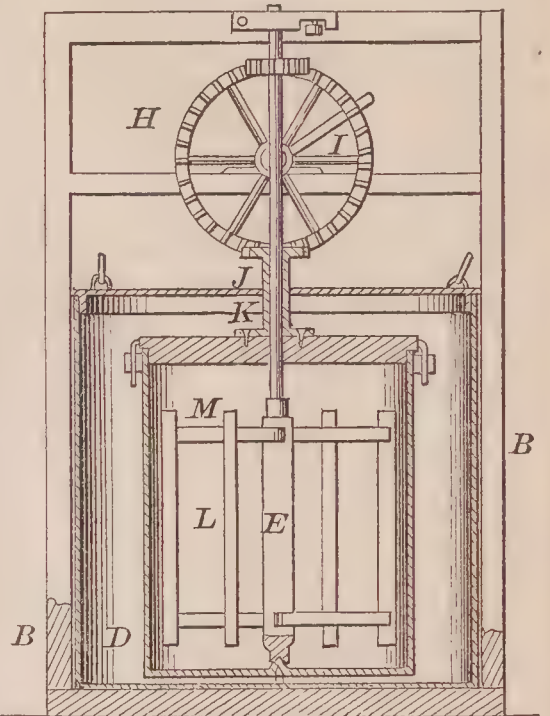
82507—T. E. Wood—*Roofing Composition.*



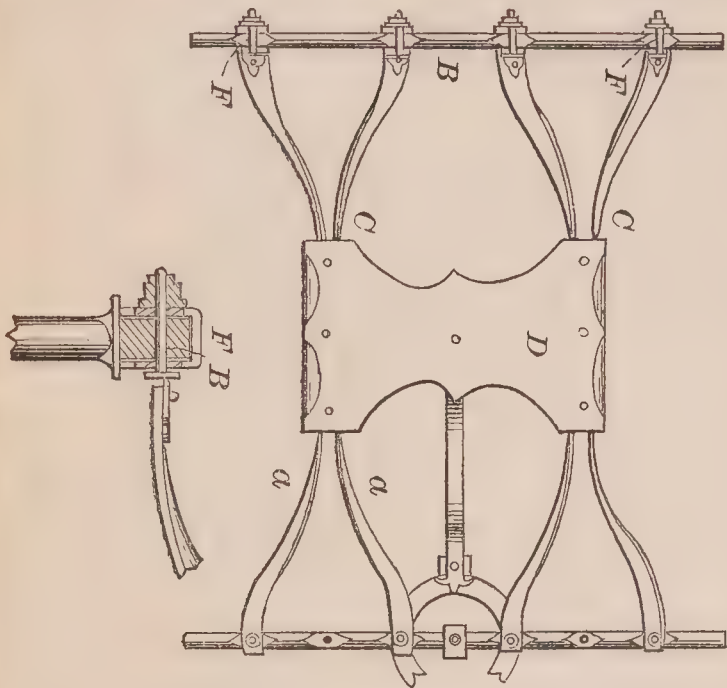
82505—C. A. Fisher—*Hay Knife.*



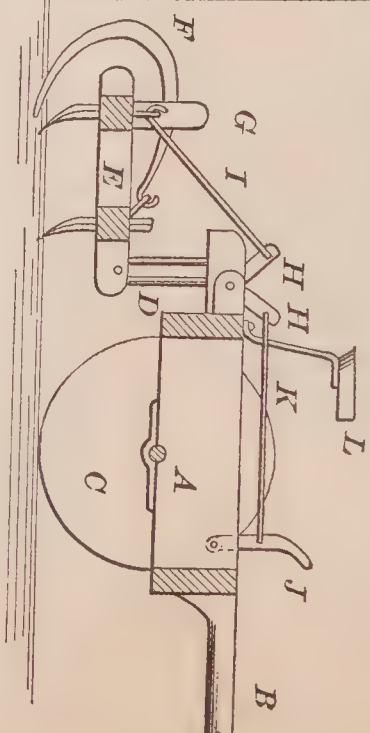
82509—Garloch & Richards—*Ice Cream Freezer.*



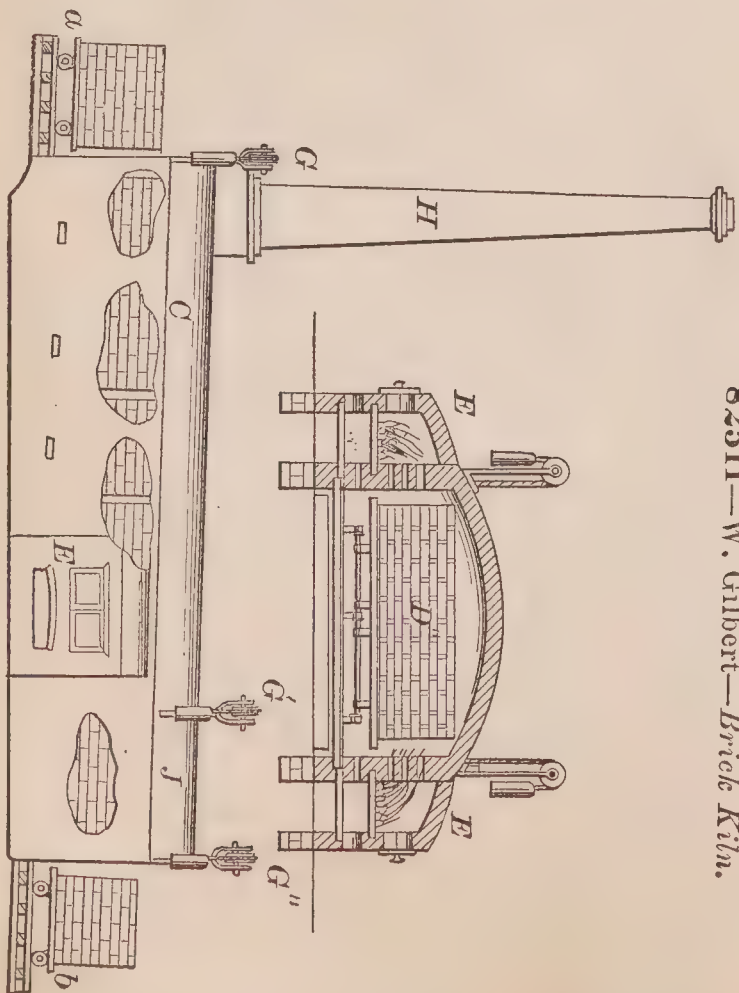
82510—E. L. Gaylord—*Carriage Spring.*



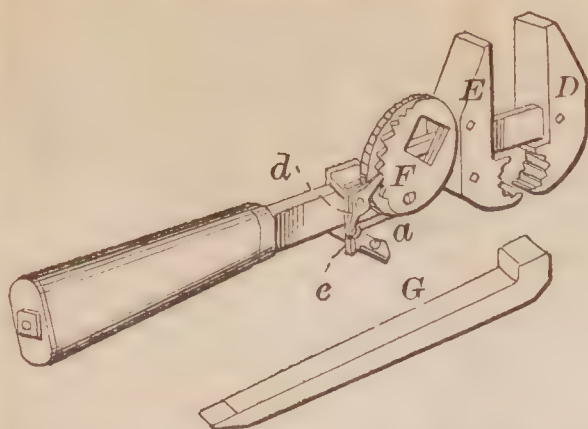
82512—J. Ginther—*Roller and Harrow.*



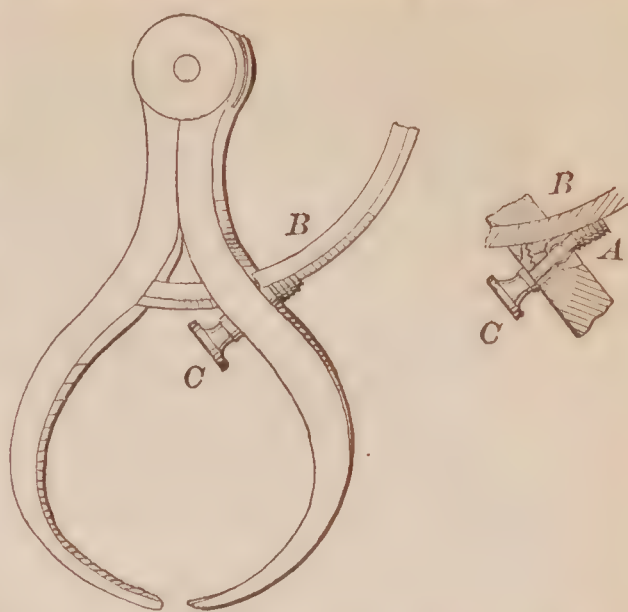
82511—W. Gilbert—*Brick Kiln.*



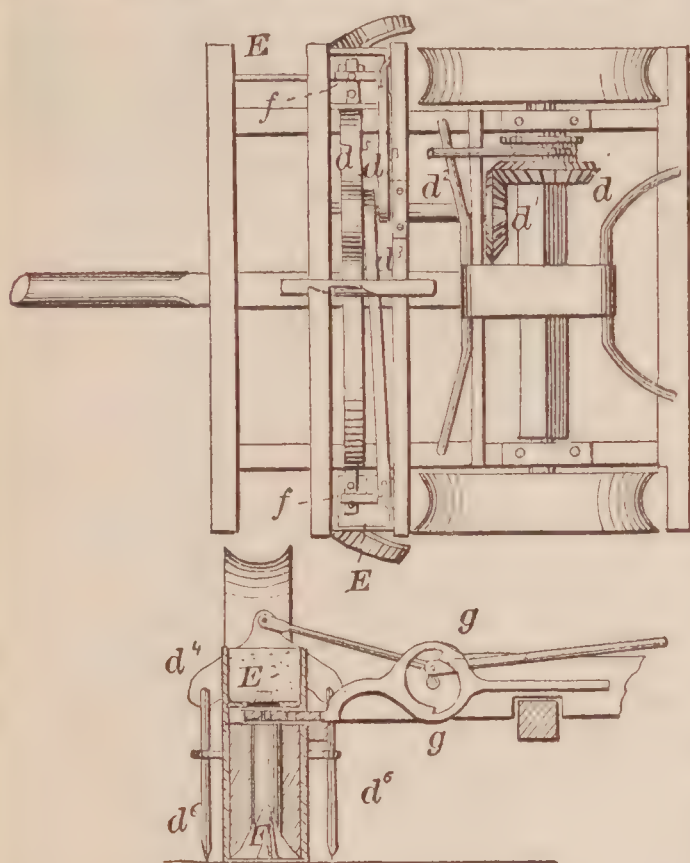
82513—J. Goodin—Wrench.



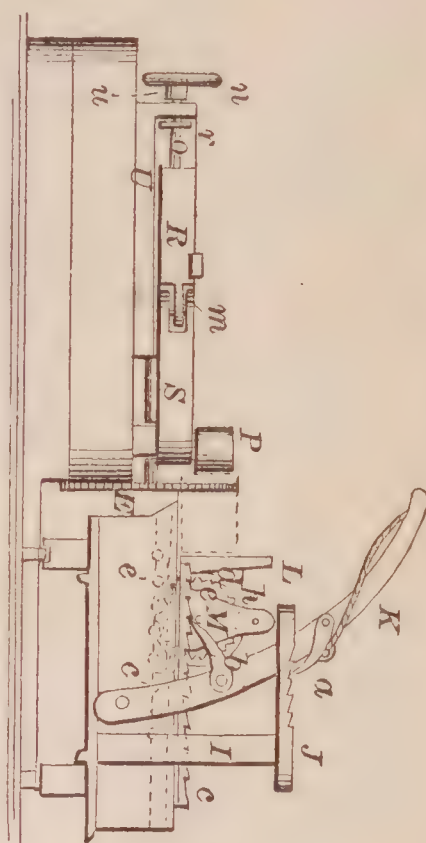
82514—T. Goodrum—Calipers.



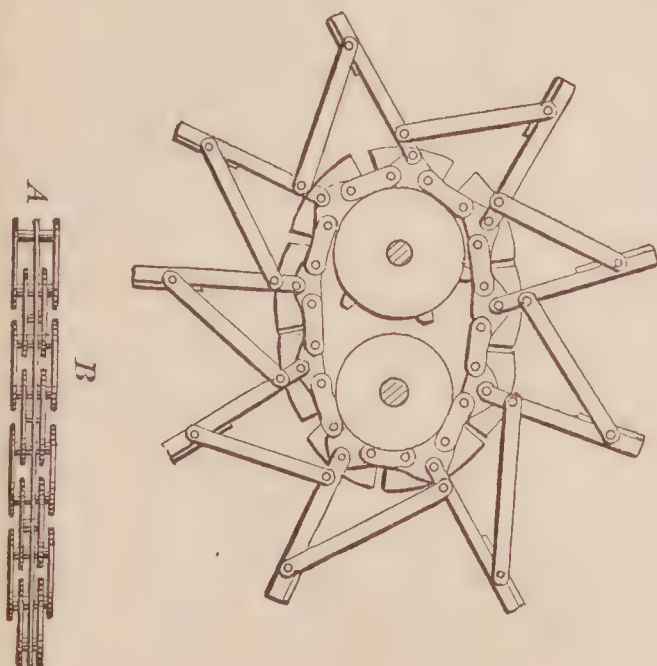
82515—W. B. Goodwin—Corn Planter.



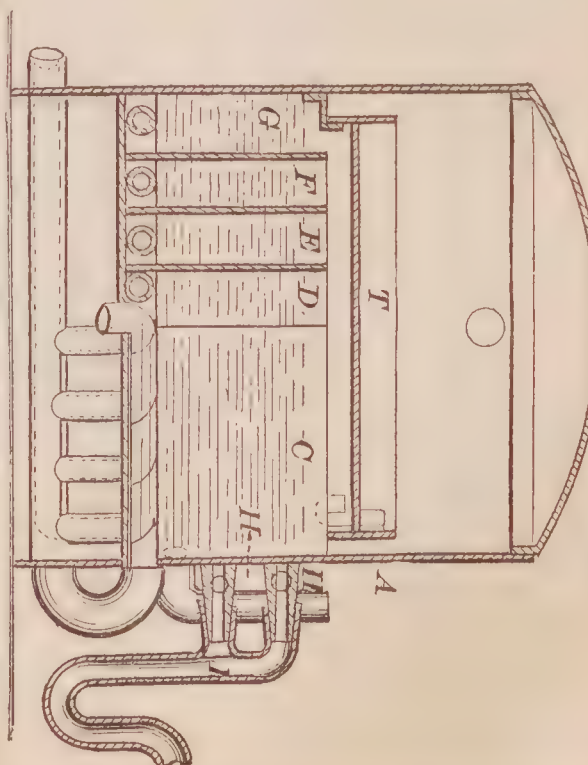
82518—A. Hackett—Saw Mill.



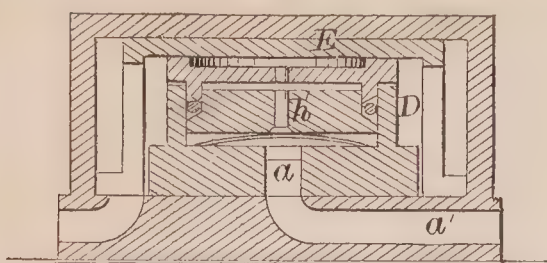
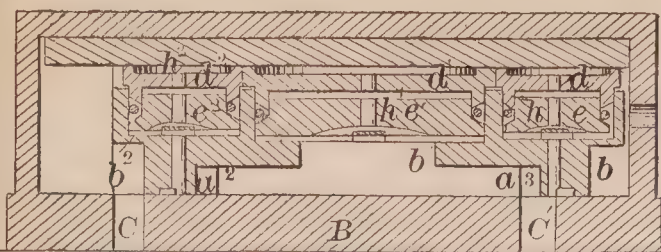
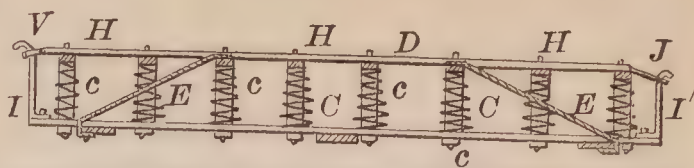
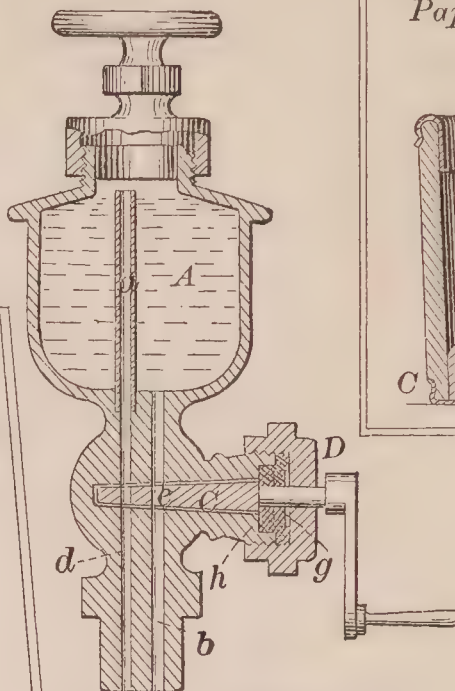
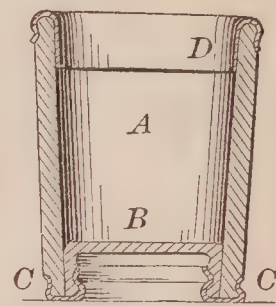
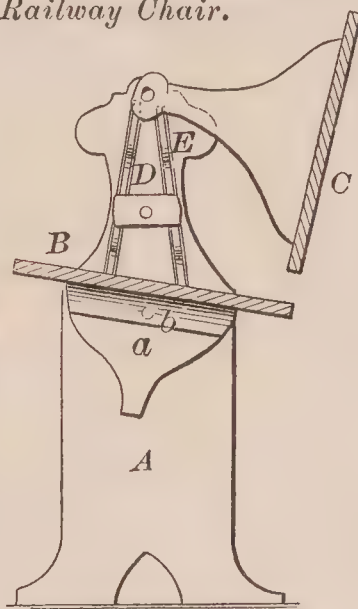
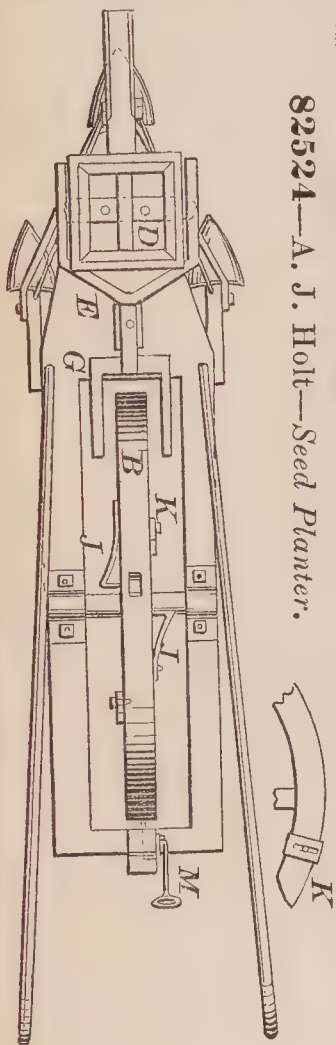
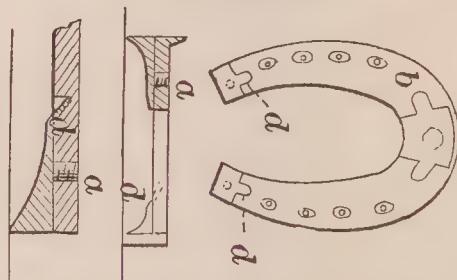
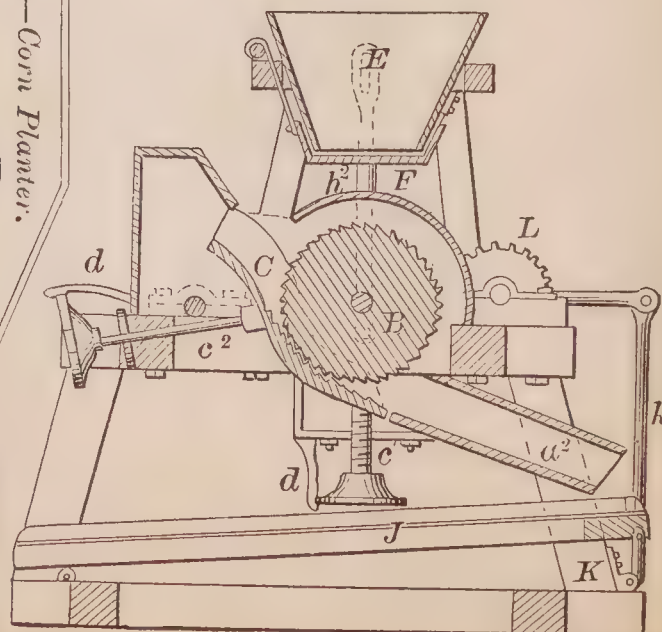
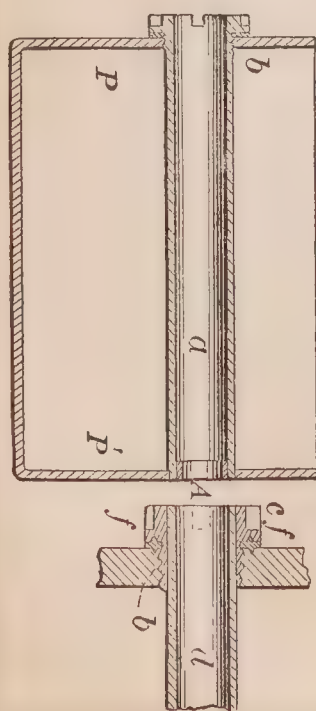
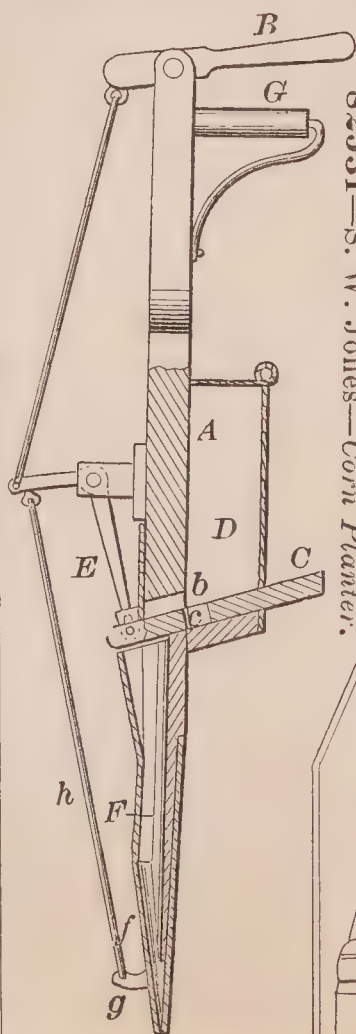
82516—J. Granger—Propelling Apparatus.



82519—F. Haack—For Distilling Spirits.

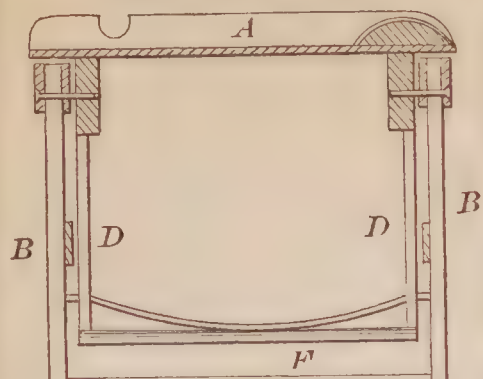




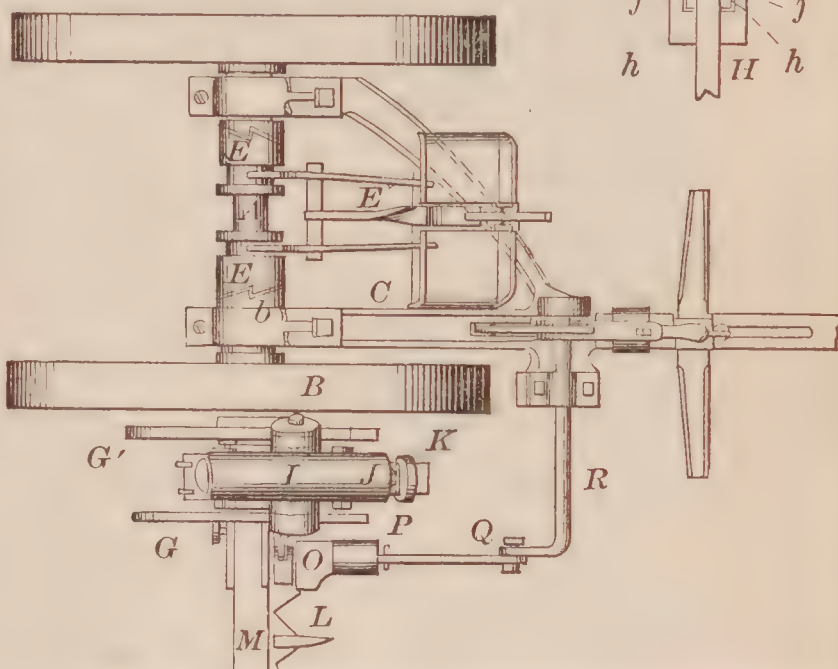
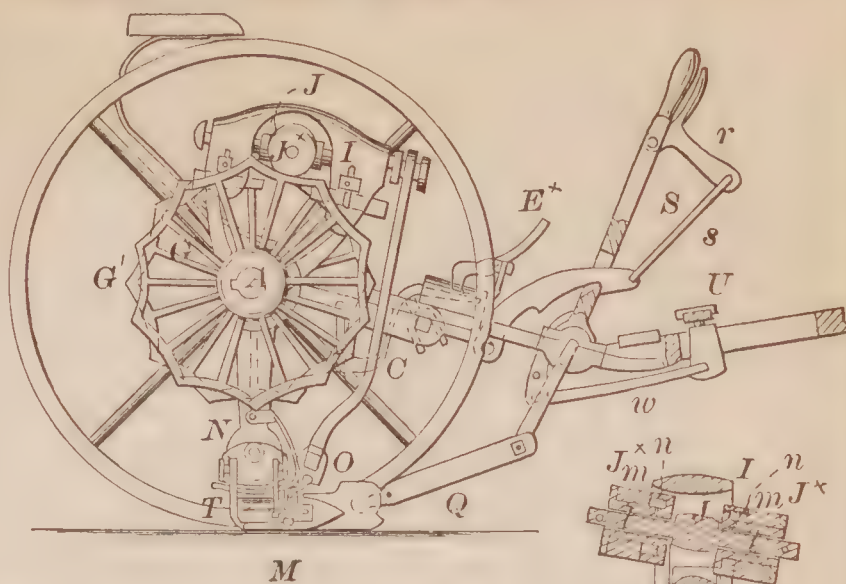
82520—J. R. Hall—*Steam Slide Valve.*82521—W. M. Hamilton—*Bed Bottom.*82522—J. Harlin—*Lubricator.*82526—A. & I. Jennings—*Paper Pail.*82527—W. H. Joeckel—*Railway Chair.*82524—A. J. Holt—*Seed Planter.*82528—Johnson & Froggott—*Horse Shoe.*82530—J. B. Jones—*Carriage Wheel.*82532—F. Kaiser—*Grinding Mill.*82534—V. Langlois—*Steam Generator.*82531—S. W. Jones—*Corn Planter.*



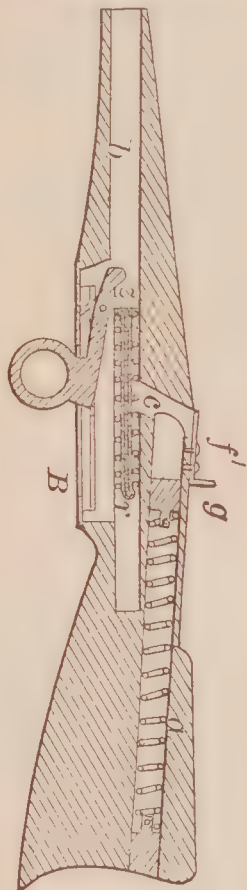
82533—W. S. Lane—*Sheep Shearing Device.*



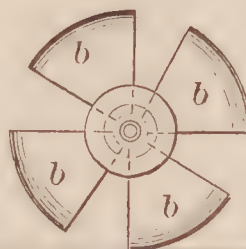
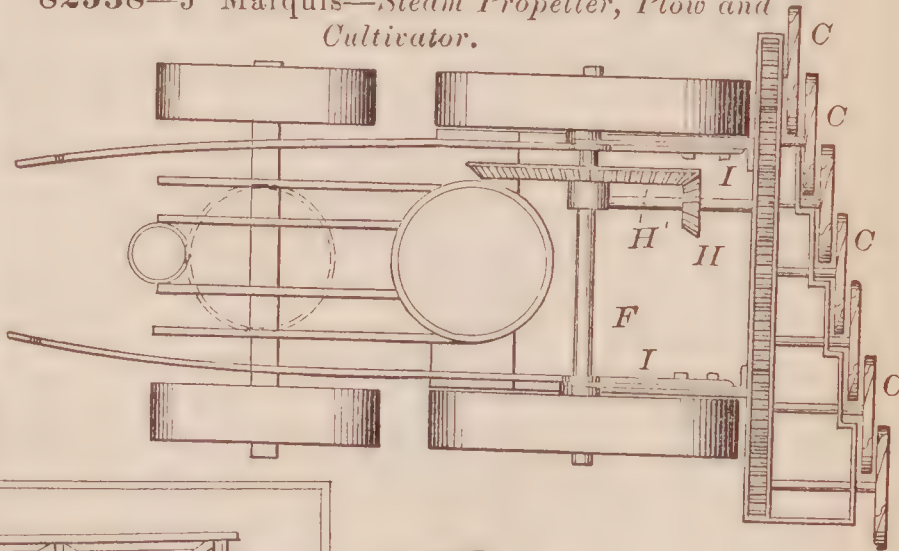
82535—C. Lidren—*Harvester.*



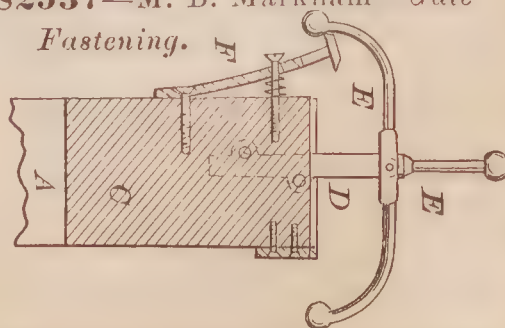
82536—C. S. Locke—*Toy Gun.*



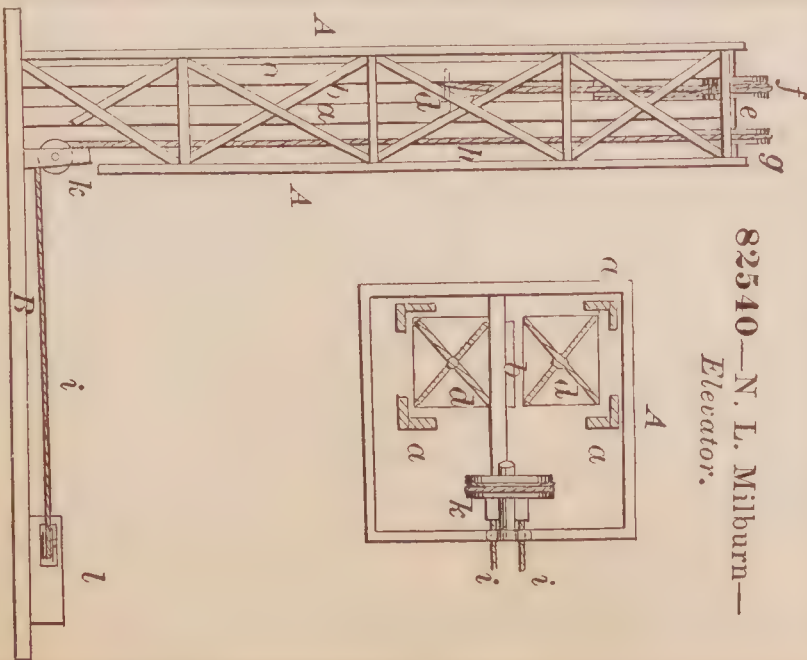
82538—J. Marquis—*Steam Propeller, Plow and Cultivator.*



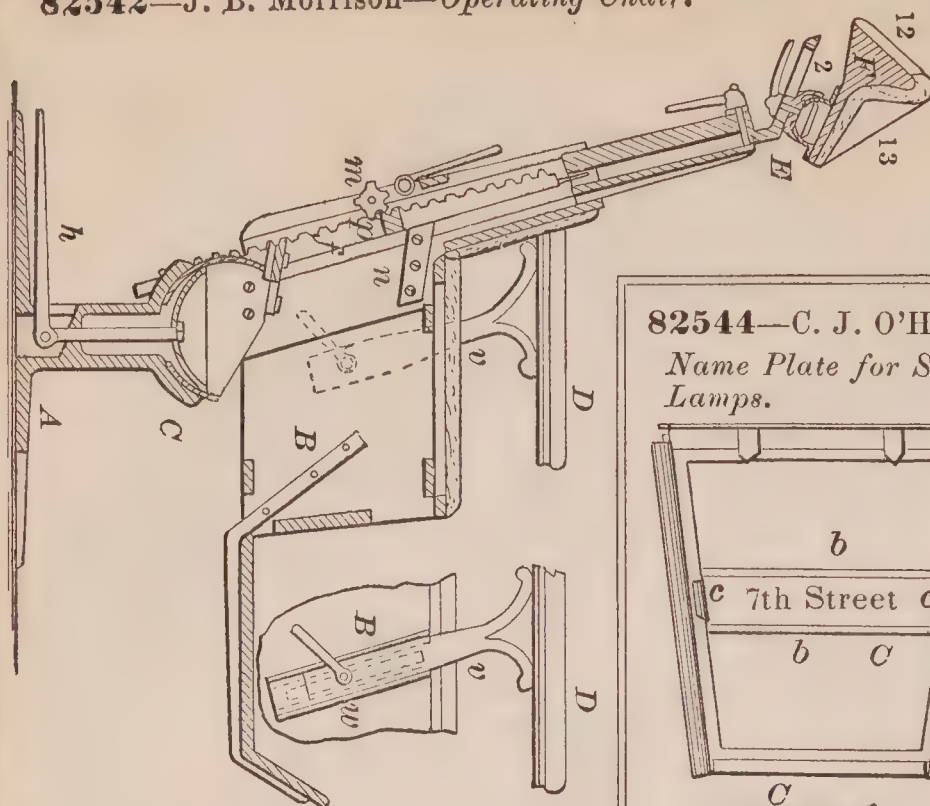
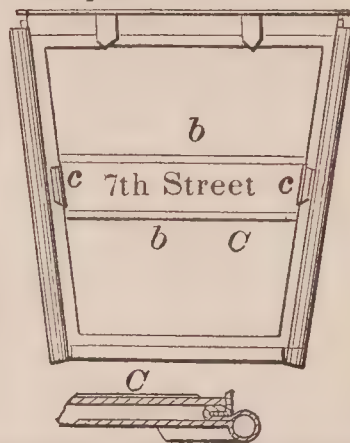
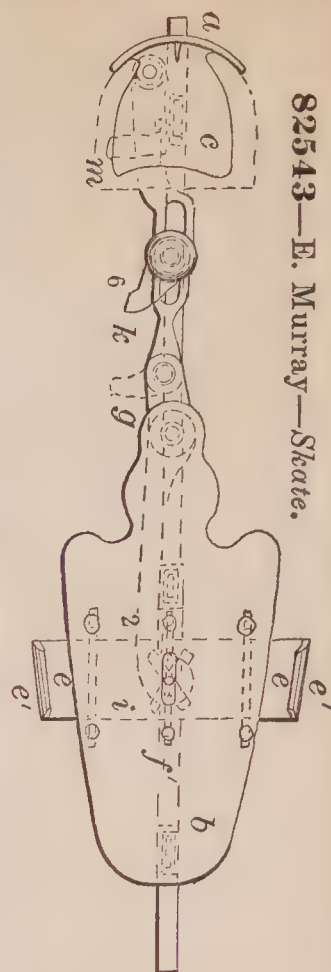
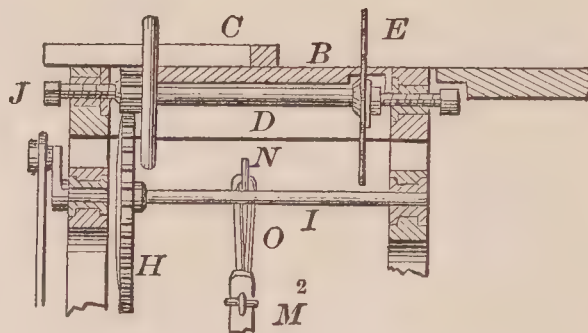
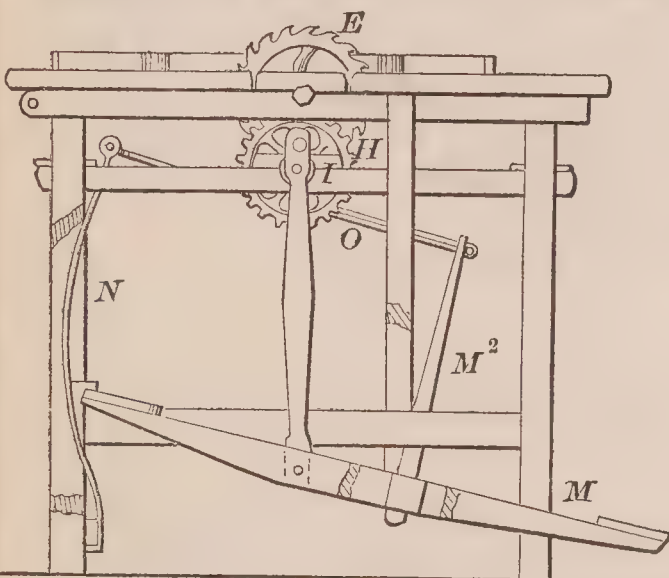
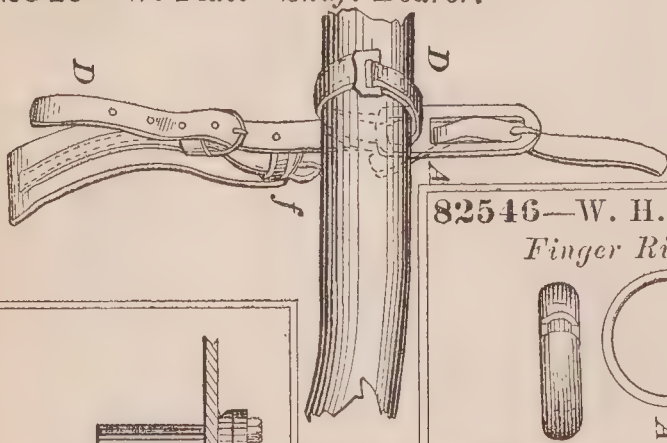
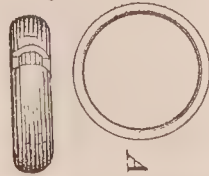
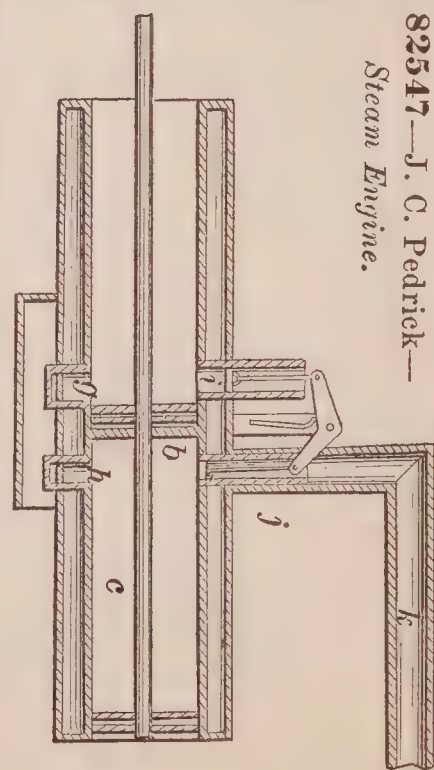
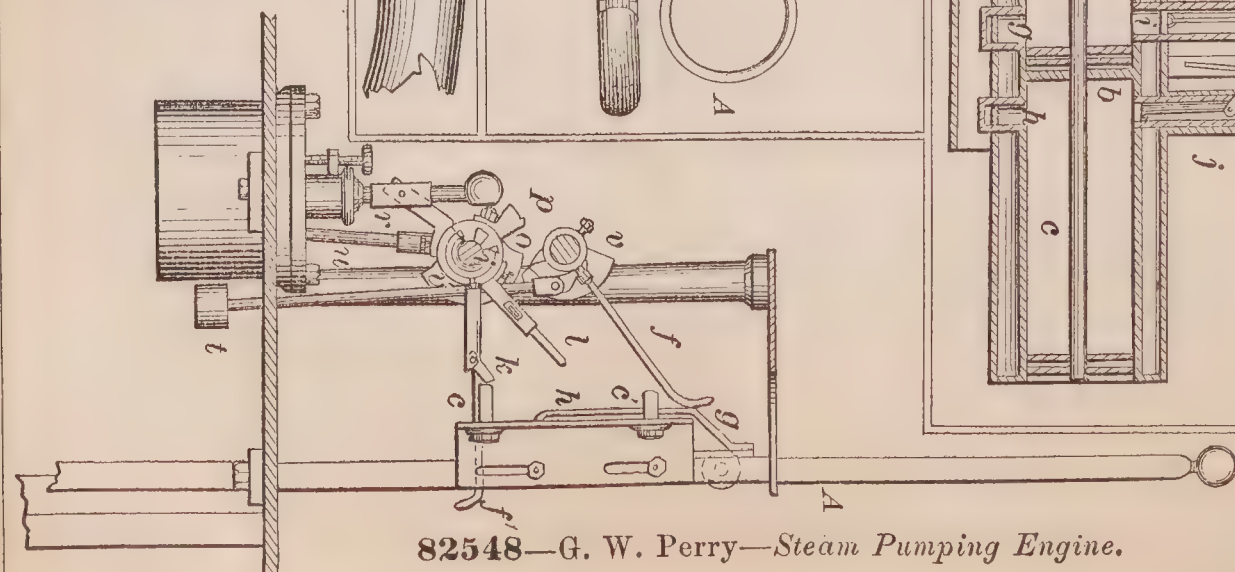
82537—M. B. Markham—*Gate Fastening.*



82540—N. L. Milburn—*Elevator.*

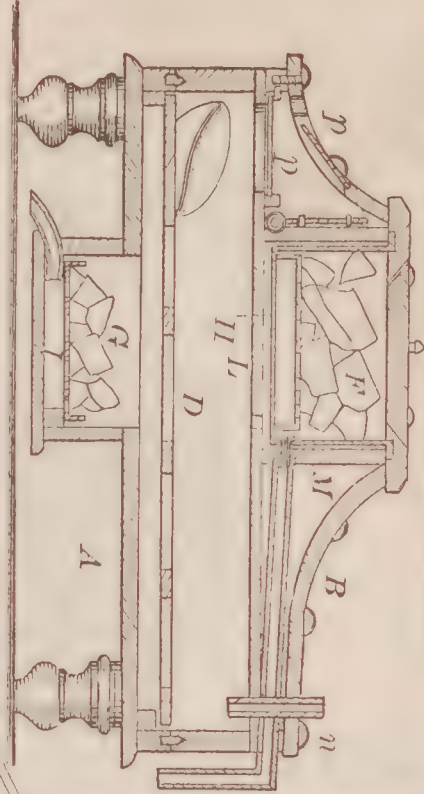




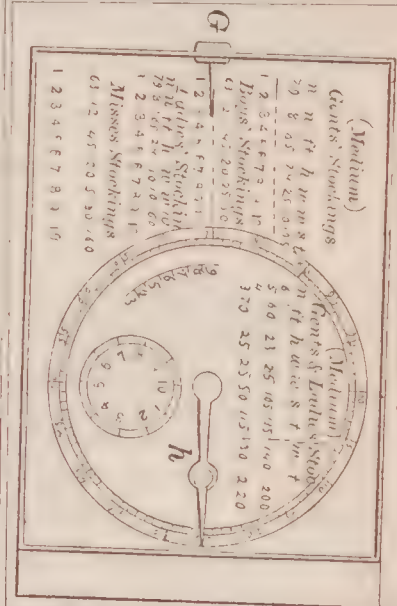
82542—J. B. Morrison—*Operating Chair.*82544—C. J. O'Hara—*Name Plate for Street Lamps.*82543—E. Murray—*Skate.*82545—J. B. Pauley—*Tread Power Machine.*82549—W. Platt—*Shaft Bearer.*82546—W. H. Peckham—*Finger Ring.*82547—J. C. Pedrick—*Steam Engine.*82548—G. W. Perry—*Steam Pumping Engine.*



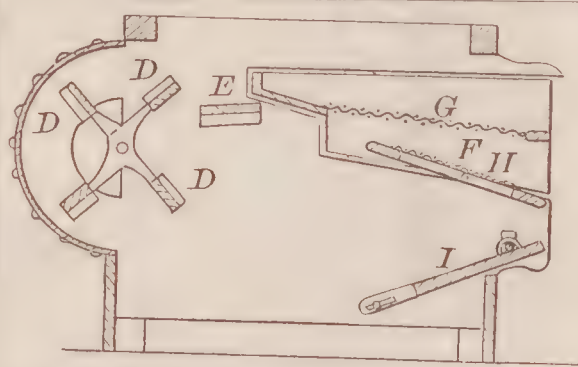
82552—J. J. Reicherts—Corpse Preserver.



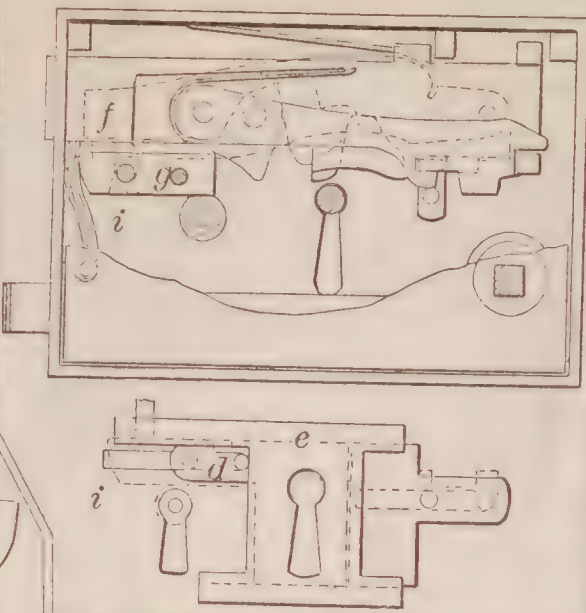
82551—J. W. Rist—Knitting Machine Indicator.



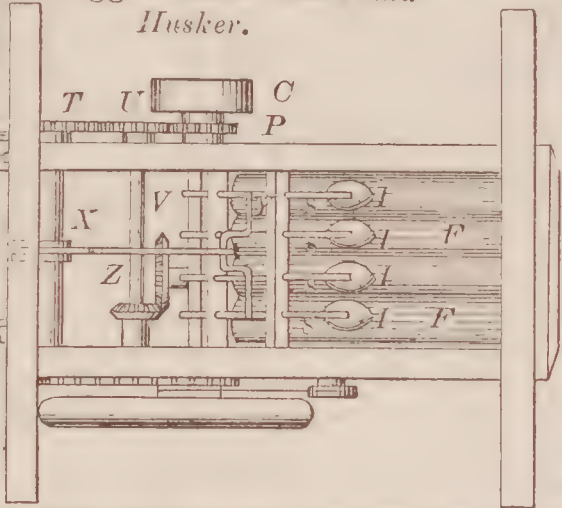
82558—H. H. Seeley—Fanning Mill.



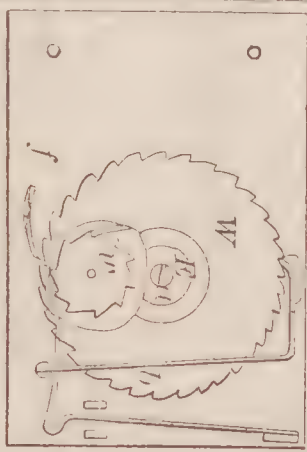
82551—C. Read—Keyhole Guard.



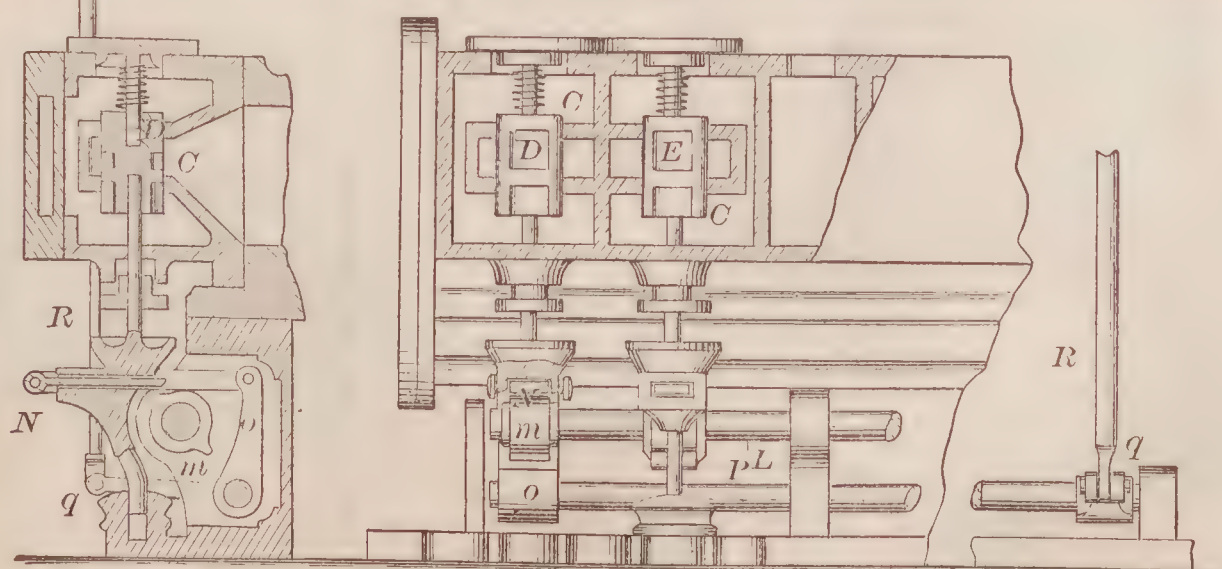
82553—J. D., C. B. & L. N. Rice & Briggs—Stalk Cutter and Husker.



82555—J. W. Rist—Knitting Machine Register.

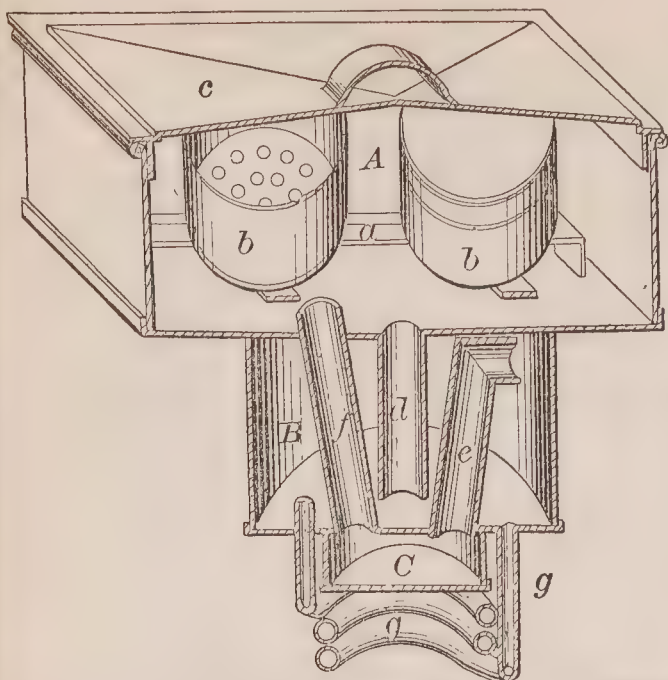


82556—G. J. Roberts—Steam Engine Cut-off.

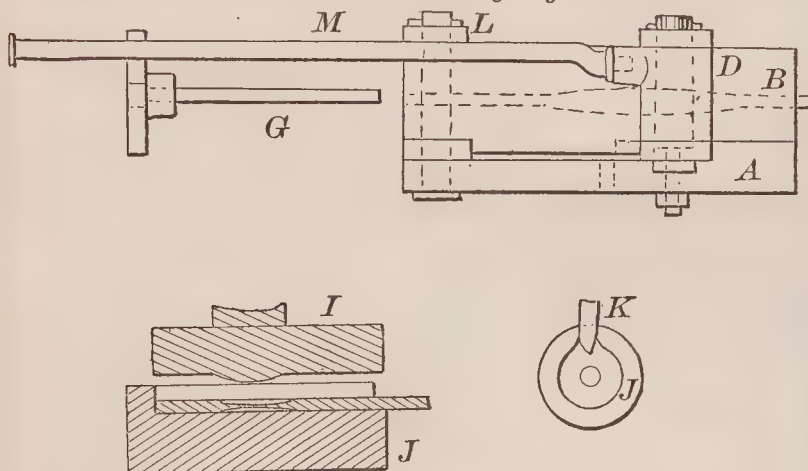




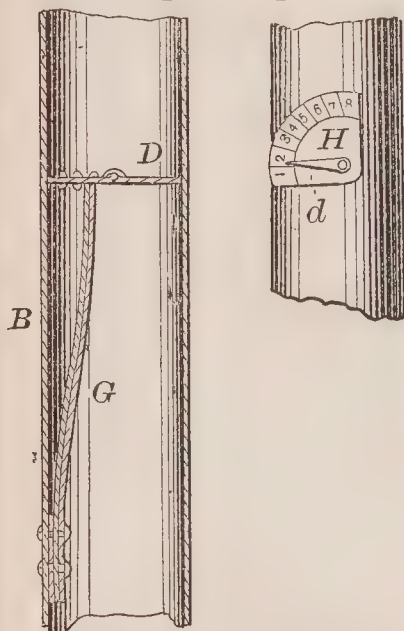
82557—E. Savage—*Steam Cooking Apparatus.*



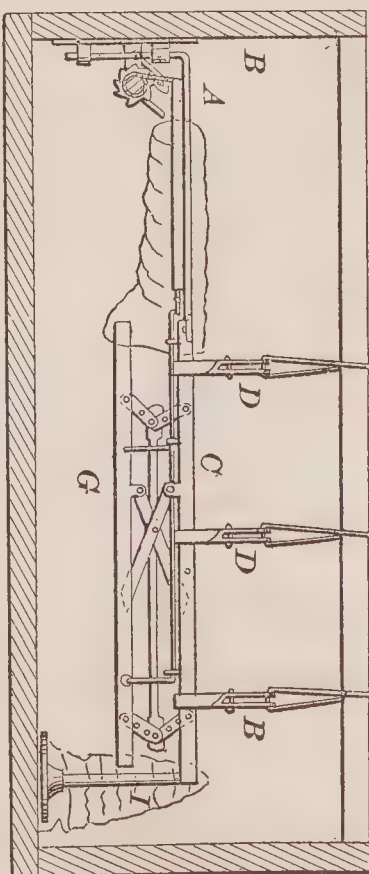
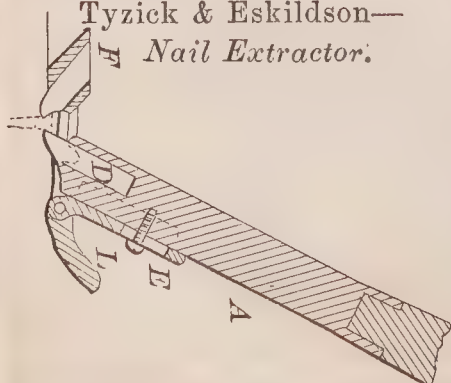
82559—G. H. Sellers—*Making Eye Bolts or Links.*



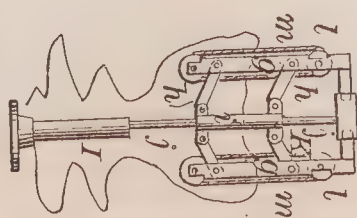
82565—G. Tamkin—*Stove Pipe Damper.*



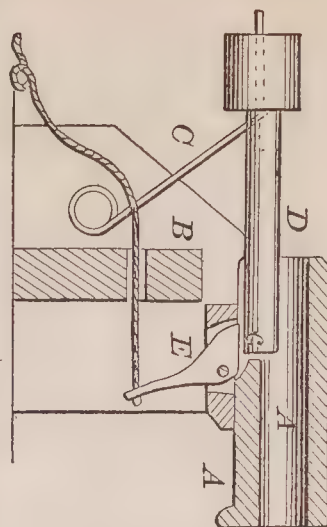
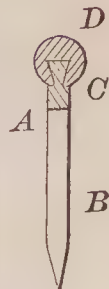
82568—Tyzick & Eskildson—*Nail Extractor.*



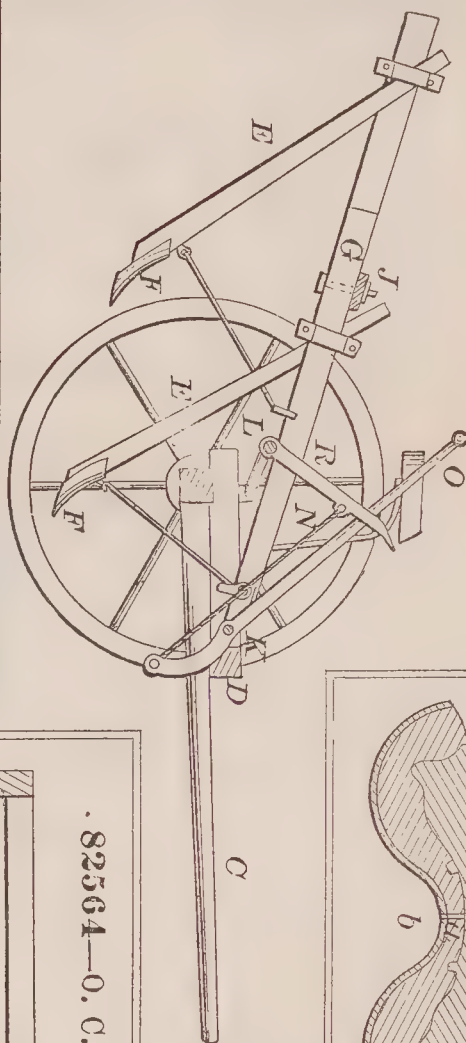
82564—O. C. Sweet—*For Drying and Stretching Fabrics.*



82560—J. Smith—*Comb.*  
82561—Spofford & Raffington—*Toy Gun.*



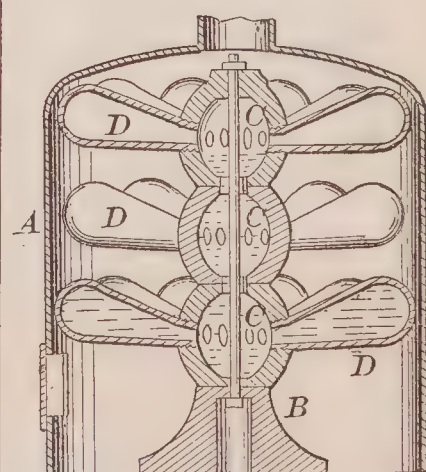
82562—J. C. Stroud—*Cultivator.*

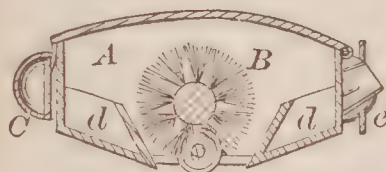
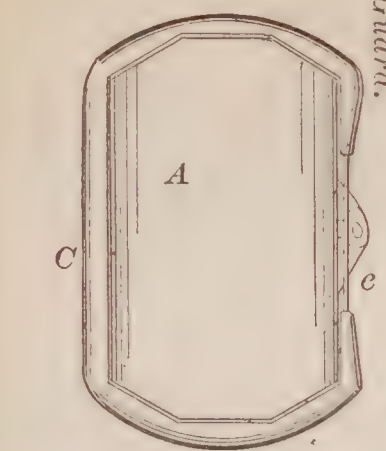


82563—L. Stueck—*Obtaining Dental Models.*



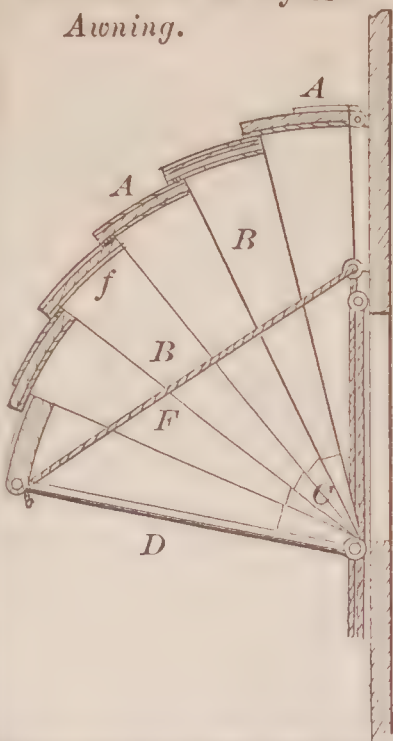
82567—M. Turley—*Steam Generator.*





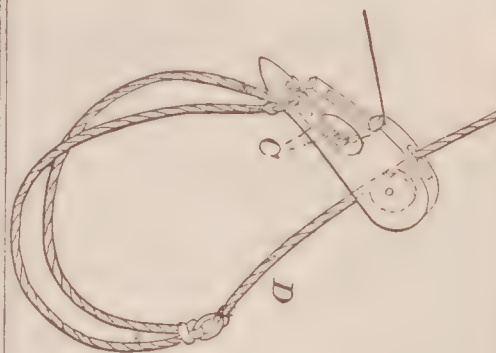
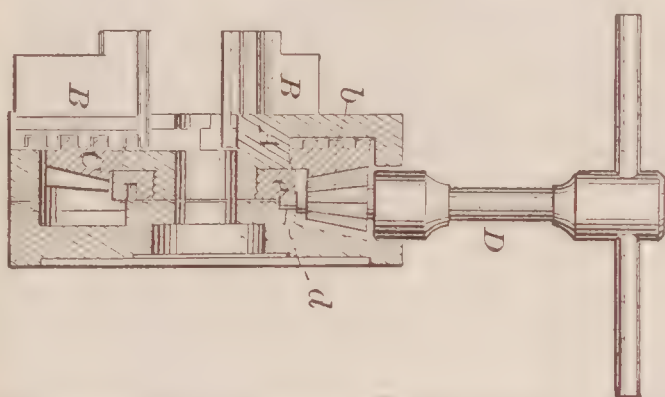
82566—G. F. Taylor—*Carpet Sweeping Machine.*

82569—T. G. Tyler—*Awning.*

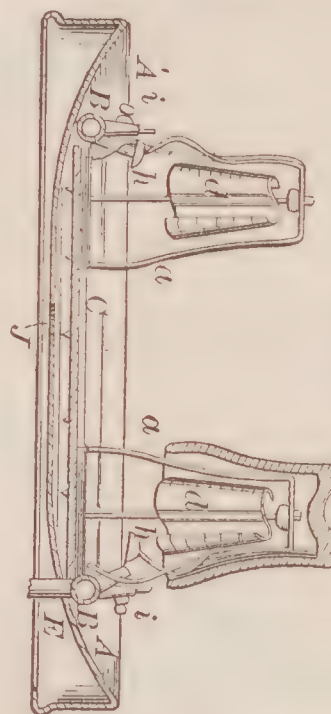
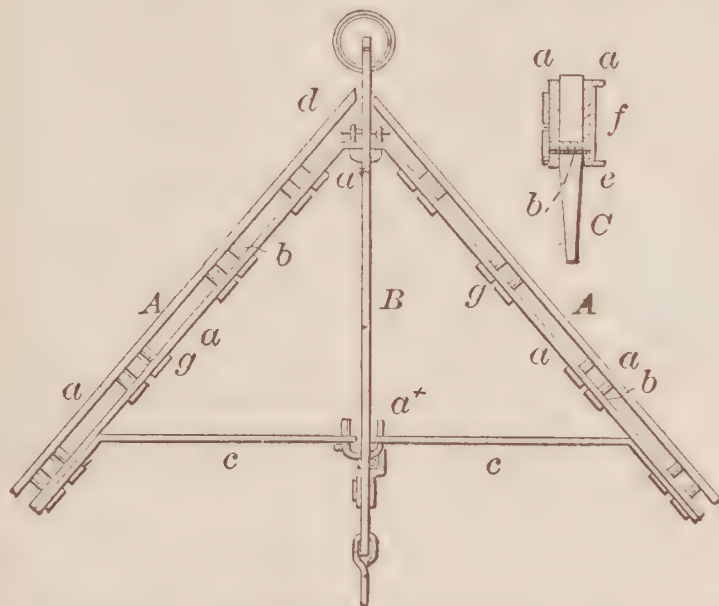


82570—G. Van Sickle—*For Unloading Hay.*

82571—J. R. Washburn—*Lathe Chuck.*

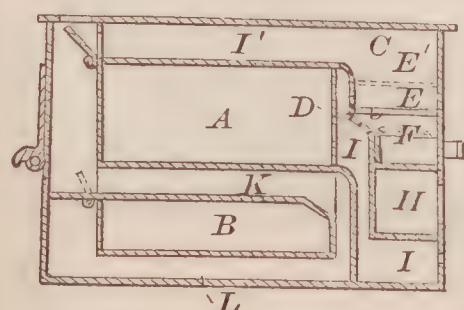


82573—A. S. White—*Harrow and Cultivator.*

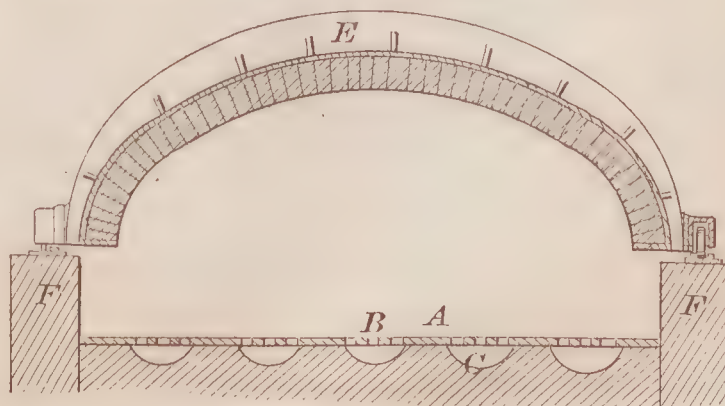


82572—J. C. Wharton—*Tumbler Stand.*

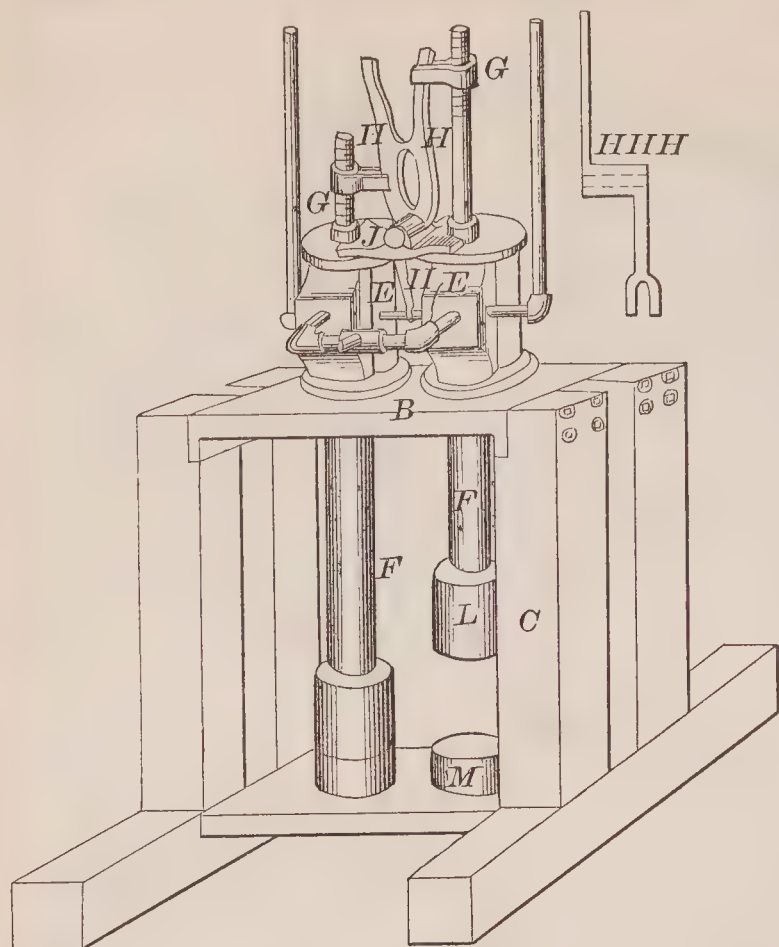
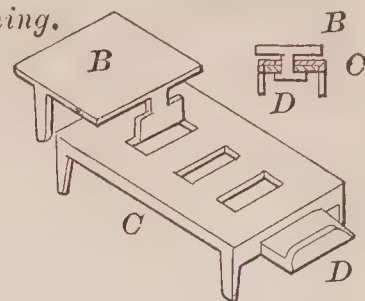
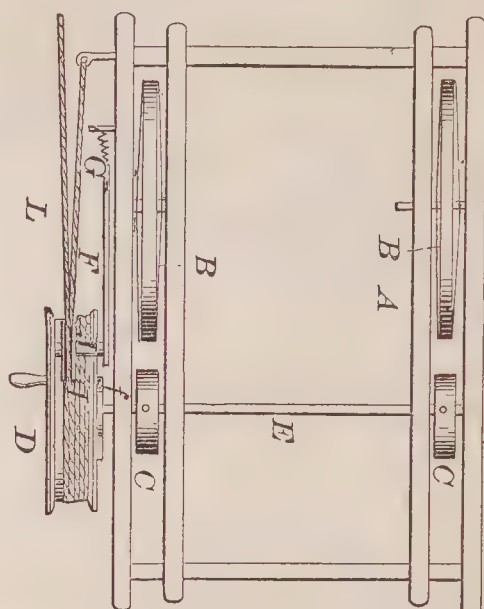
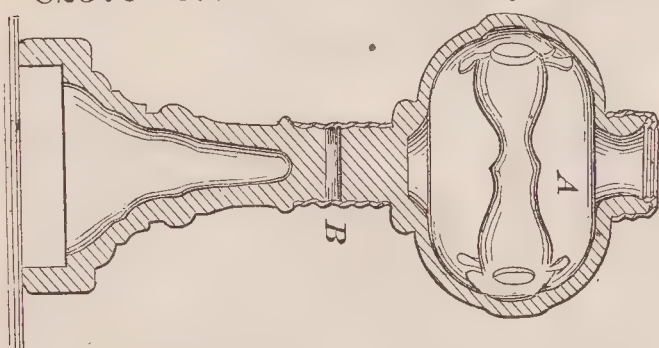
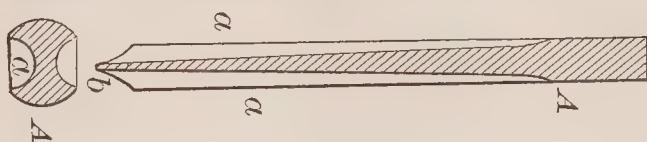
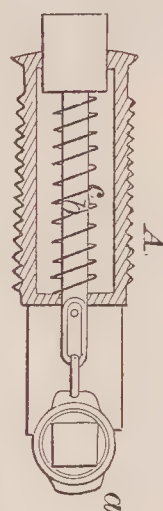
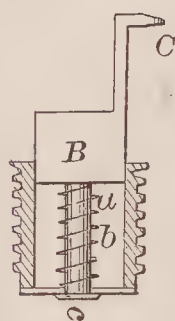
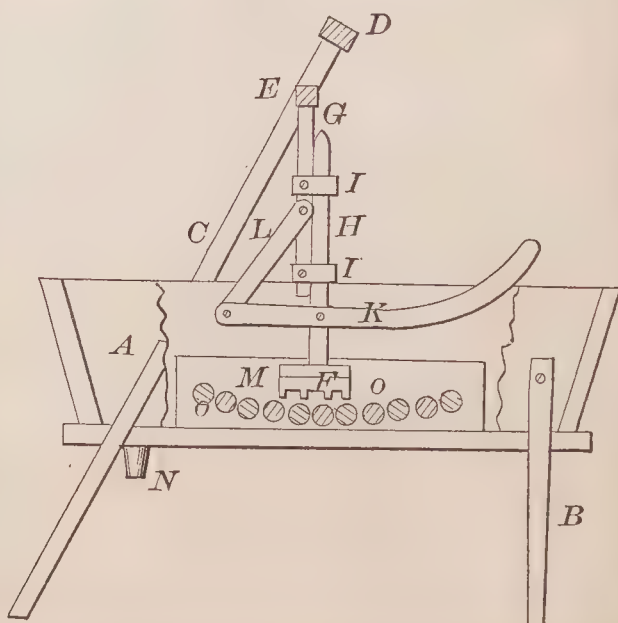
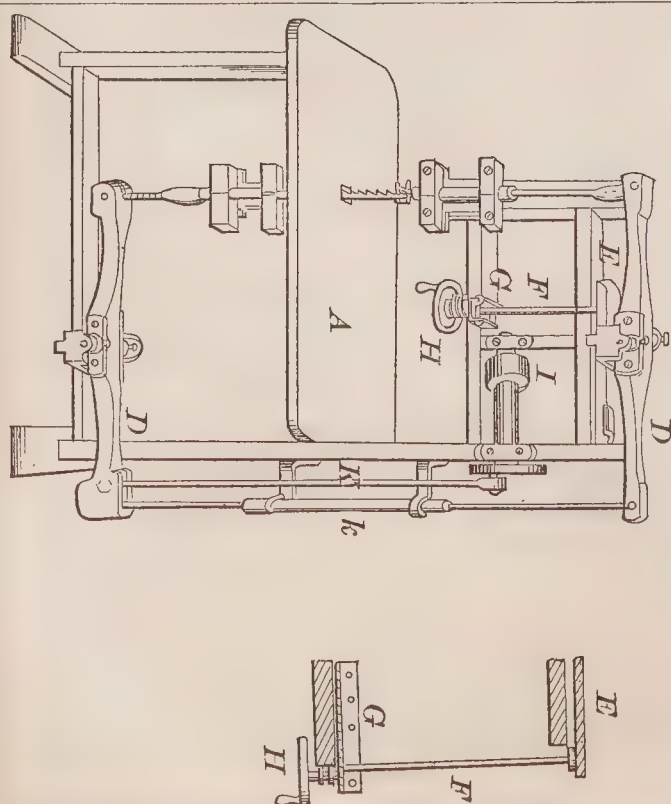
82574—C. Williams—*Store.*



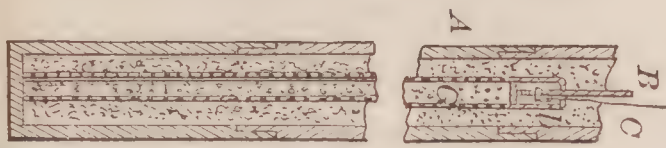
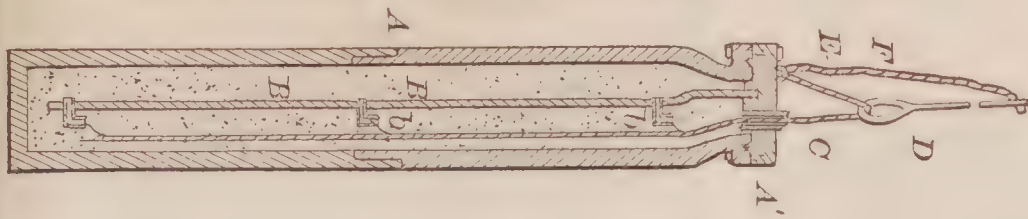
82576—H. Aitken—*Treating Iron Ores.*



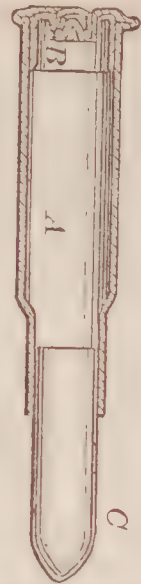


82575—F. R. Wilson—*Steam Engine Valve Gear.*82577—J. C. Arms—*Pocket Book Fastening.*82578—Arvin & Whitmore—*Corn Planter.*82579—J. S. & T. B. Atterbury—*Lamp.*82583—Q. S. Backus—*Chuck Drill.*82581—F. & F. Babcock—*Door Latch.*82580—F. Babcock—*Sash Holder.*82584—J. Ballard—*Washing Machine.*82585—C. M. Baxter—*Scroll Saw.*

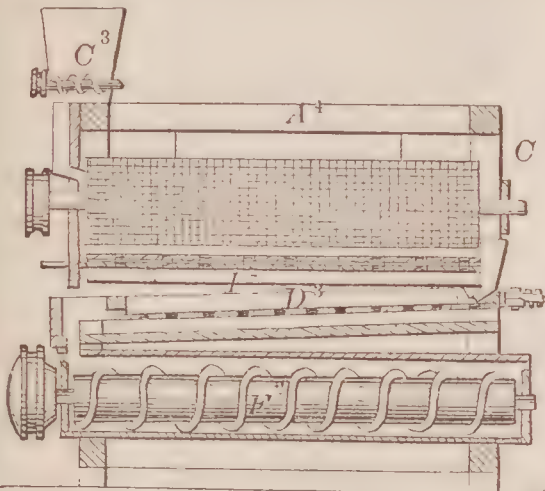
82586—E. Beach—*Torpedo for Oil Wells.*



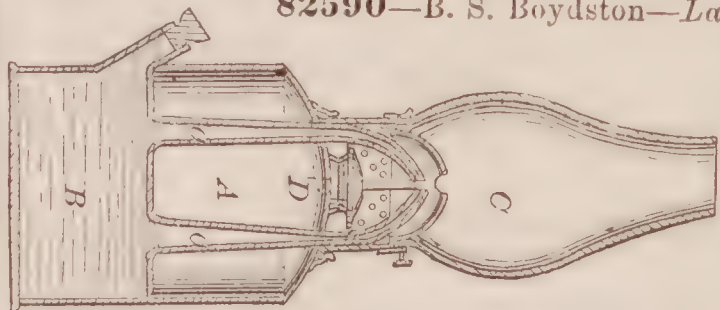
82587—H. Bordan—*Cartridge.*



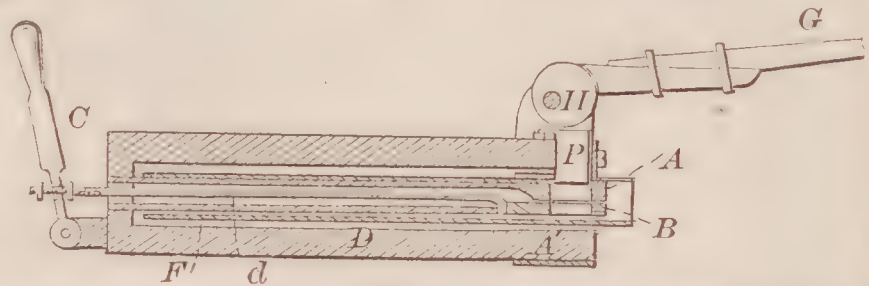
82589—D. Bonnell—*Grain Dryer.*



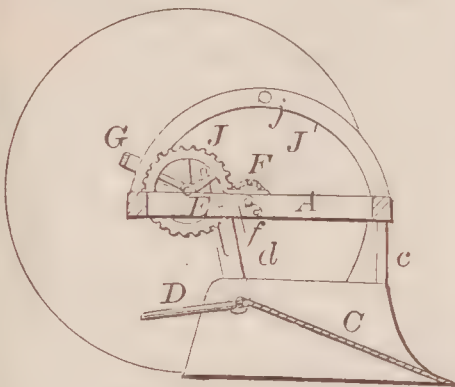
82590—B. S. Boydston—*Lamp.*



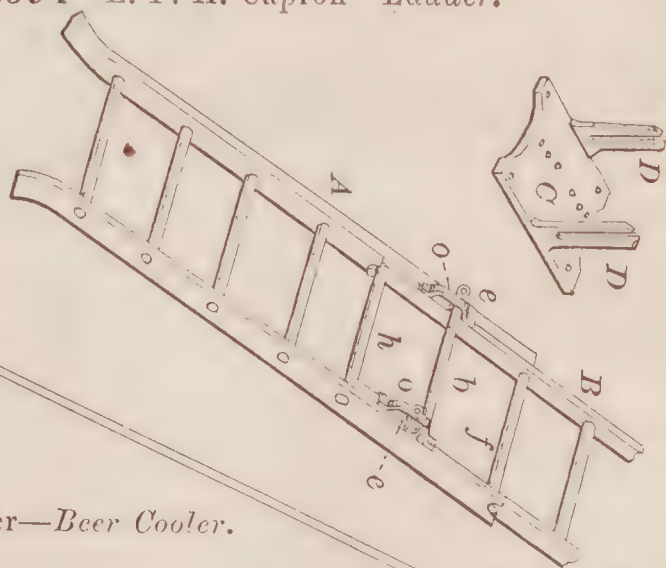
82591—J. T. Brigden—*For Punching Tubes.*



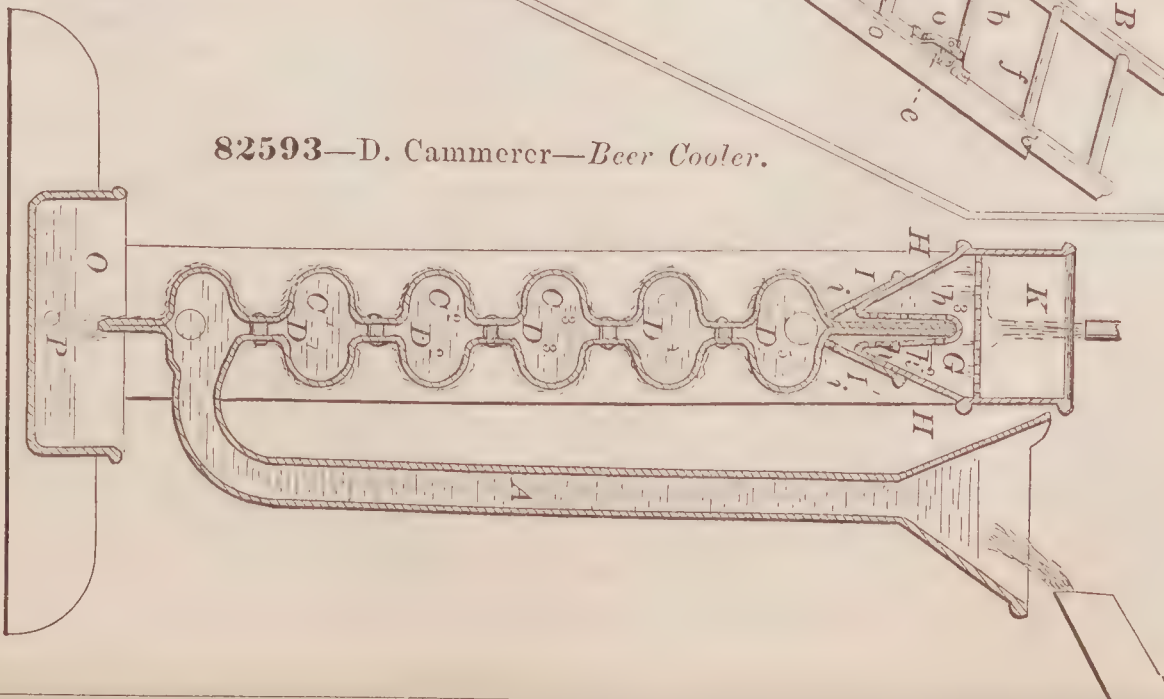
82592—J. Burt—*Potato Digger.*



82594—E. P. H. Capron—*Ladder.*

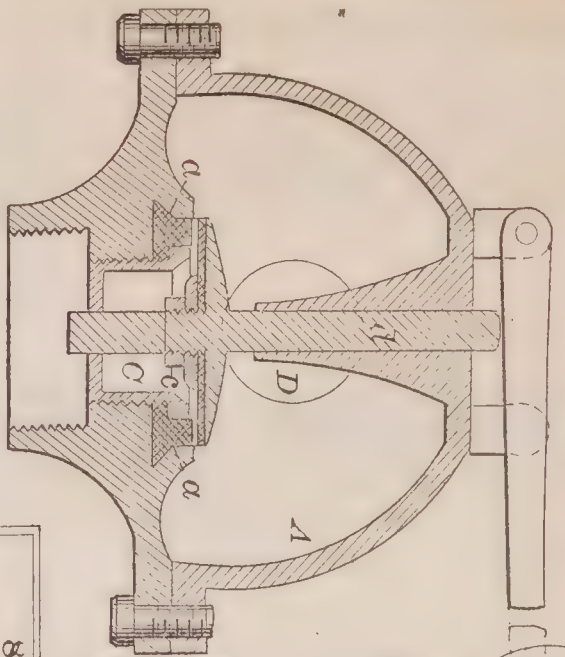


82593—D. Cammerer—*Beer Cooler.*

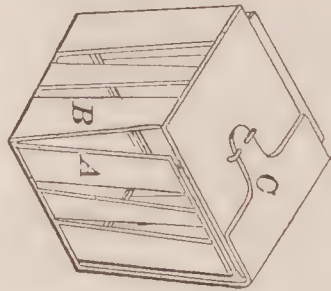




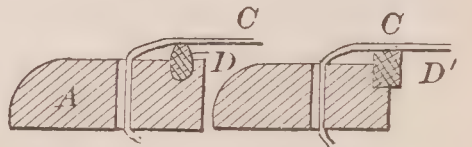
82596—A. M. Cheesman—*Valve Seat.*



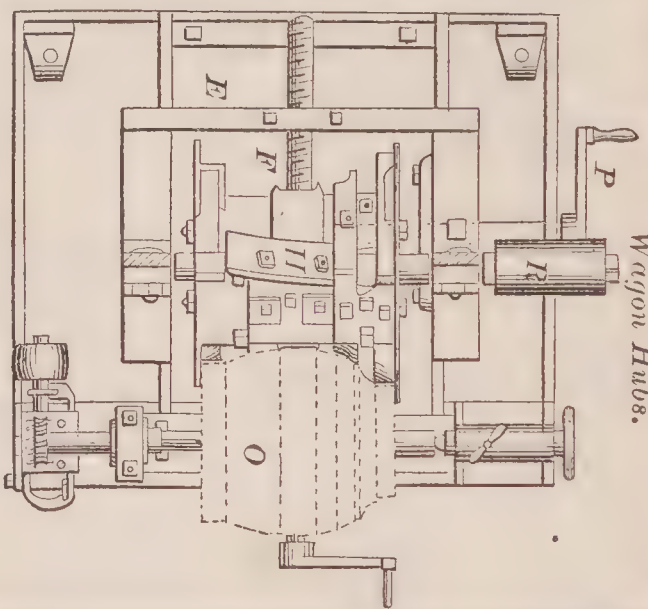
82601—N. S. Clement—*Fruit Basket.*



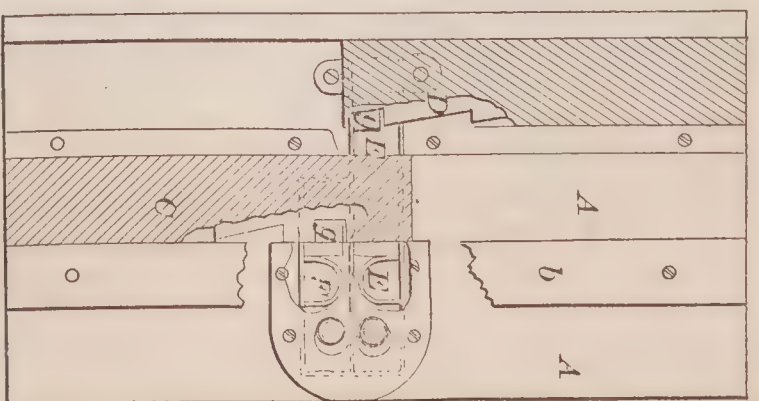
82602—D. C. Colby—*Chair.*



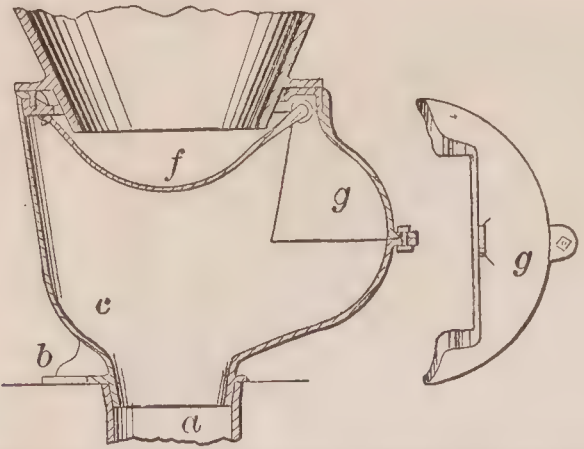
82600—W. W. Cleveland—*Turning Wagon Hubs.*



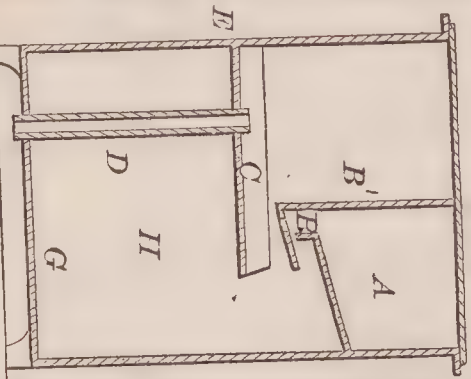
82603—A. Conant—*Sash Fastener.*



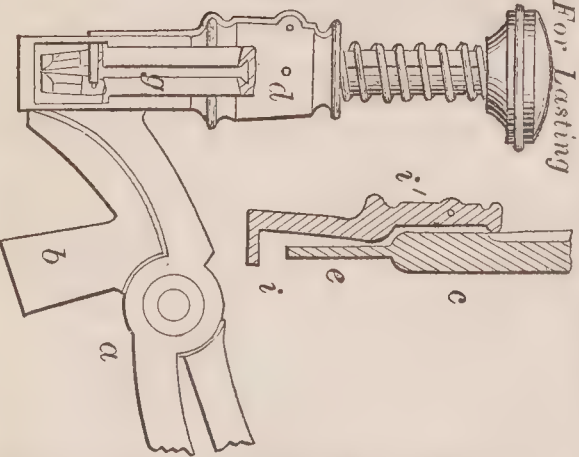
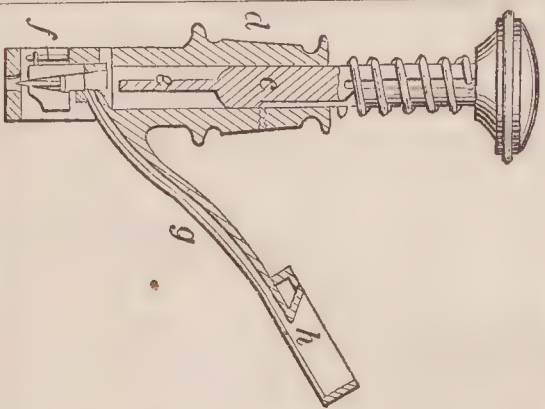
82595—W. S. Carr—*Water Closet.*



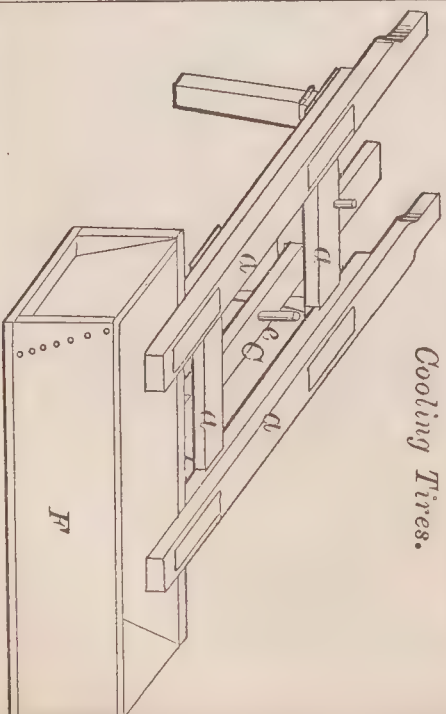
82597—S. Child—*Refrigerator.*



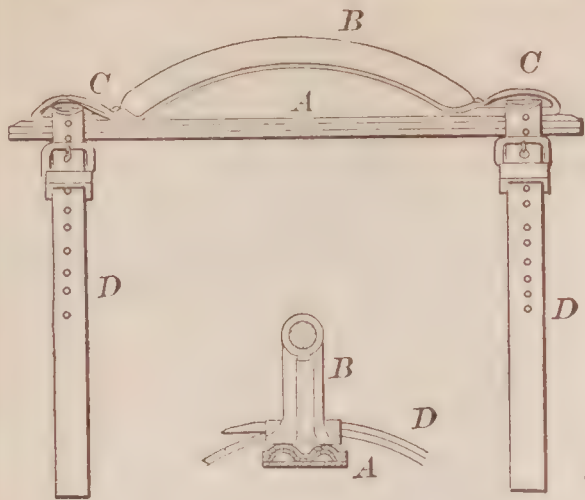
82599—F. O. Claflin—*For Lasting Boots and Shoes.*



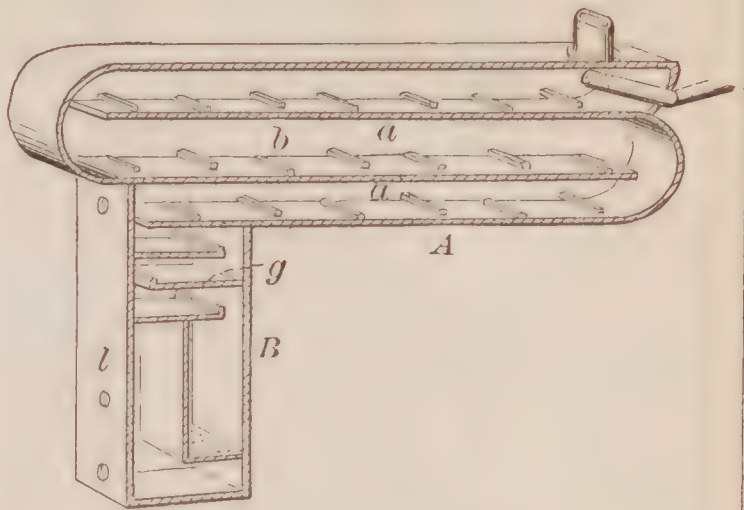
82605—J. Courteyow—*For Setting and Cooling Tires.*



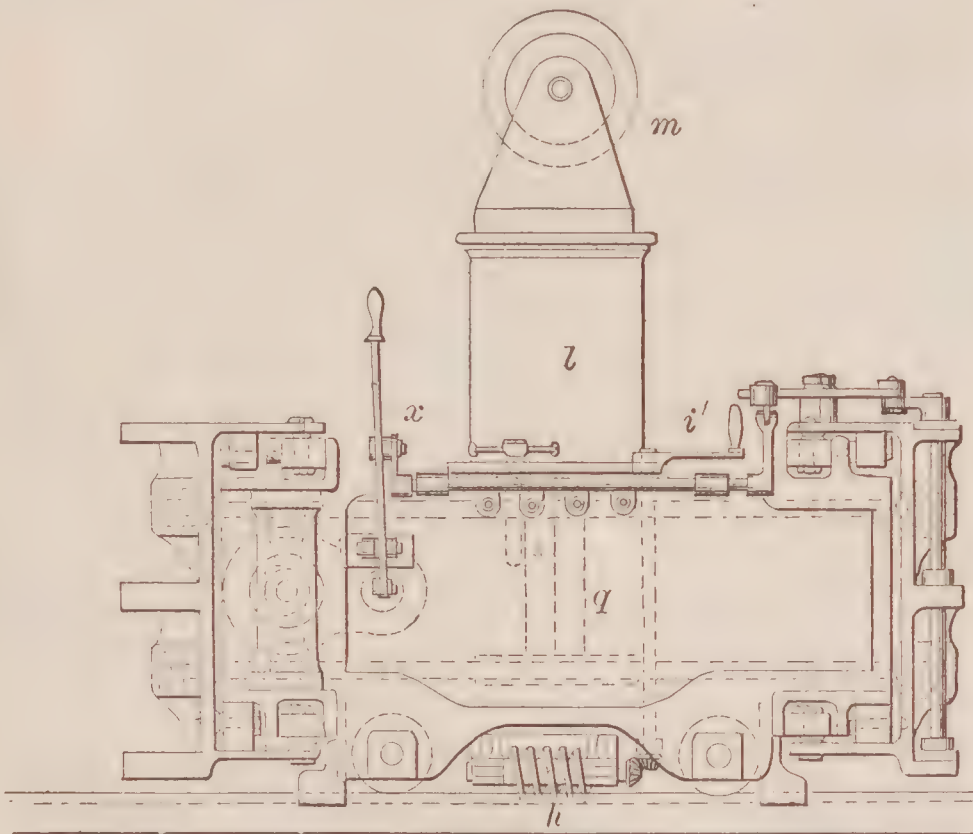
82606—G. Crouch—*Shawl Strap*:



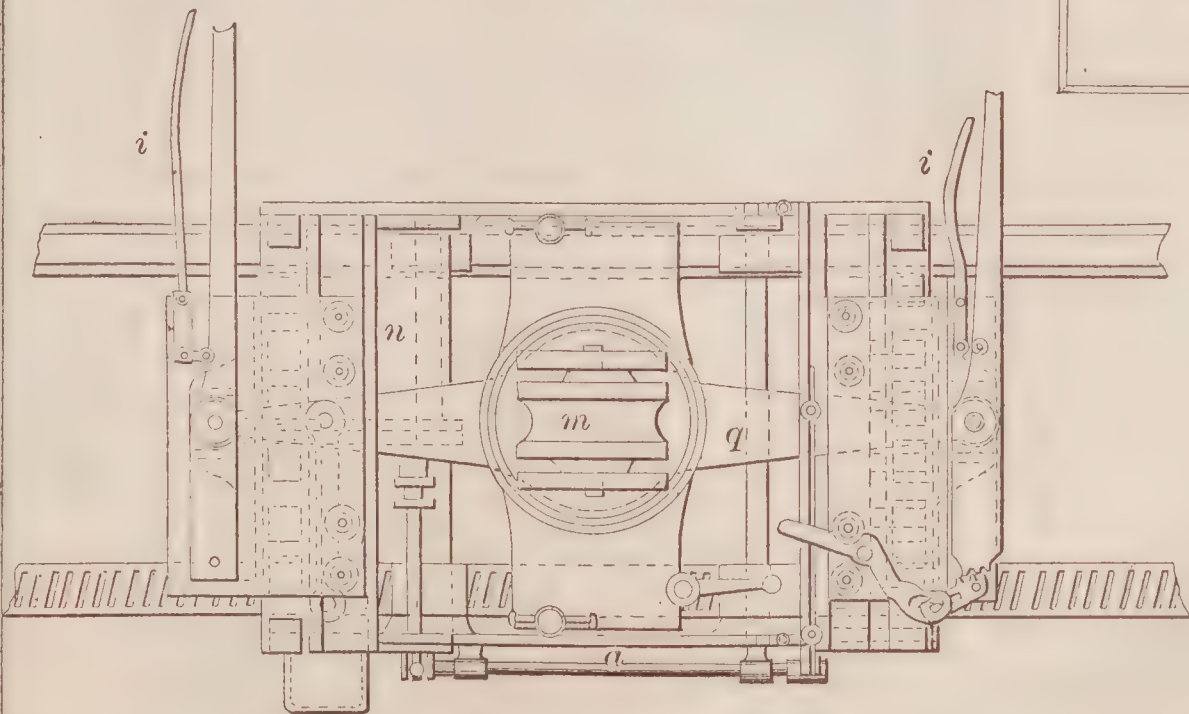
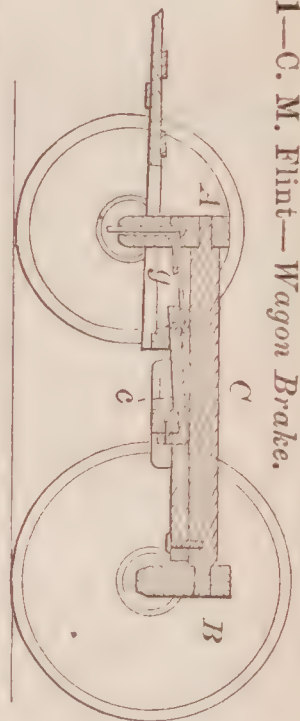
82609—J. J. Doughty—*Heater and Filter for Boilers*.



82608—G. E. Donisthorpe—*Coal Cutting Machine*.

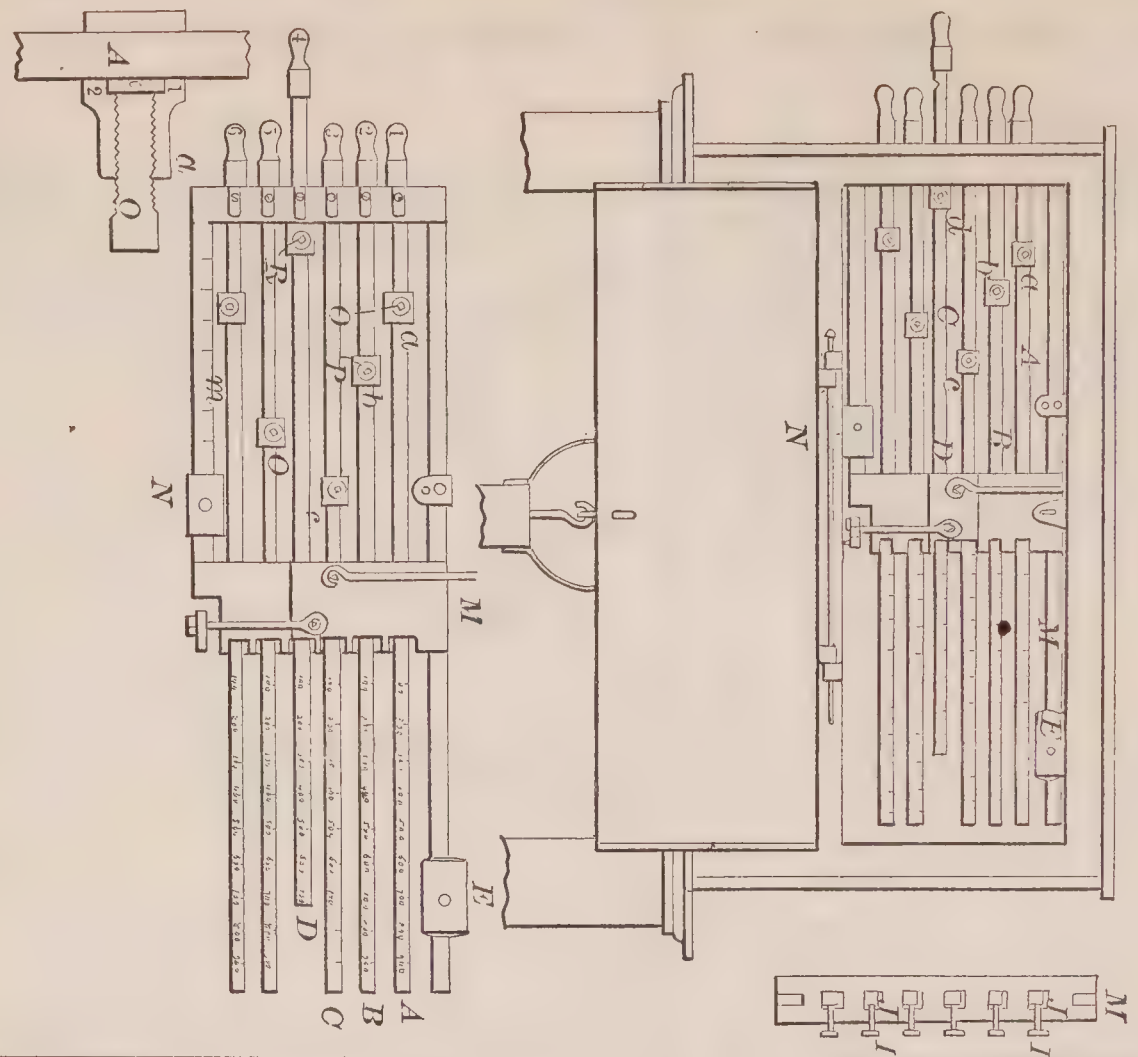


82611—C. M. Flint—*Wagon Brake*.

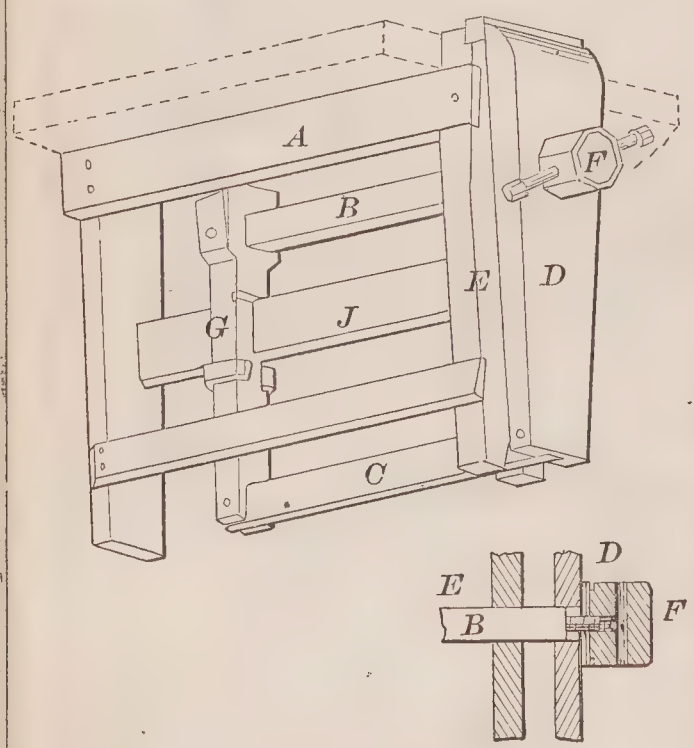




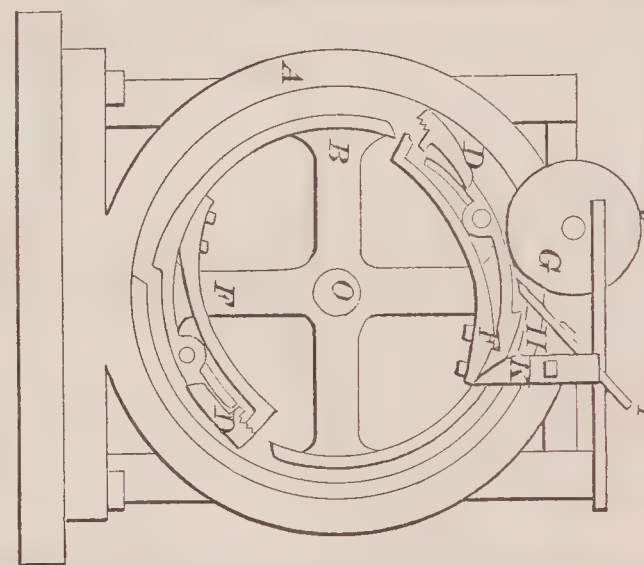
82610—T. & H. Fairbanks—Charging Scales.



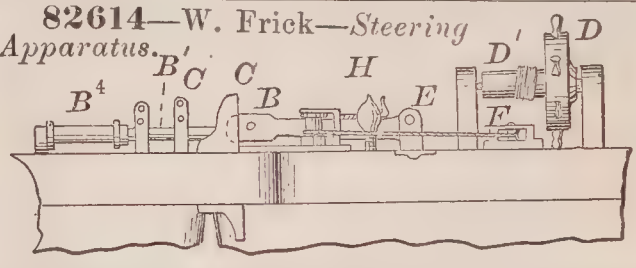
82612—O. V. Flora—Vise.



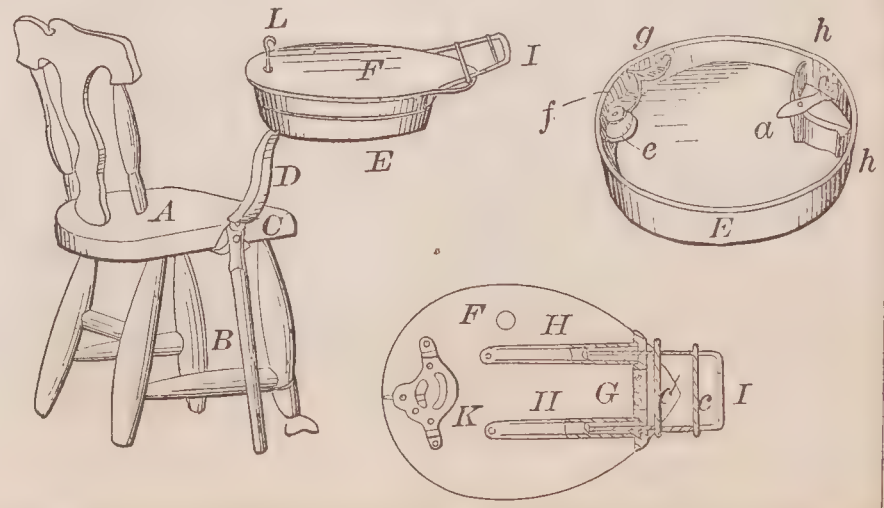
82613—J. T. Forsyth—For Dressing Barrel Hoops.



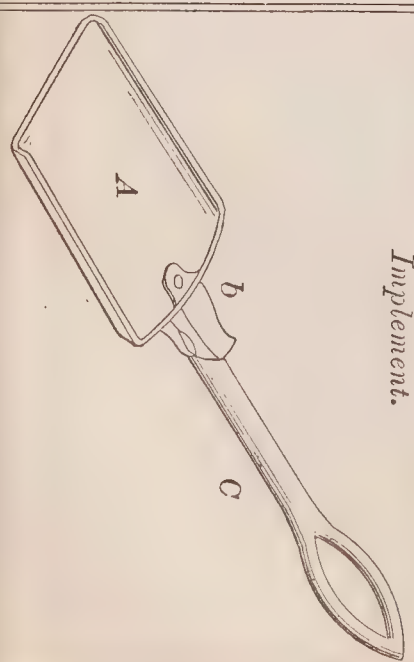
82614—W. Frick—Steering Apparatus.



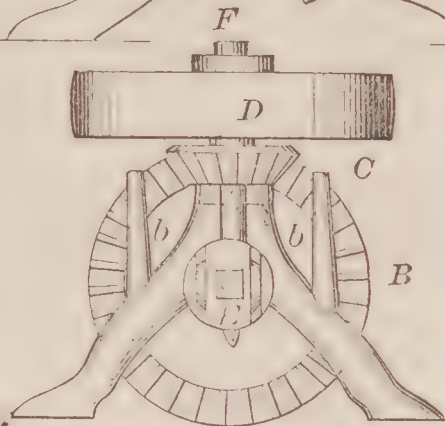
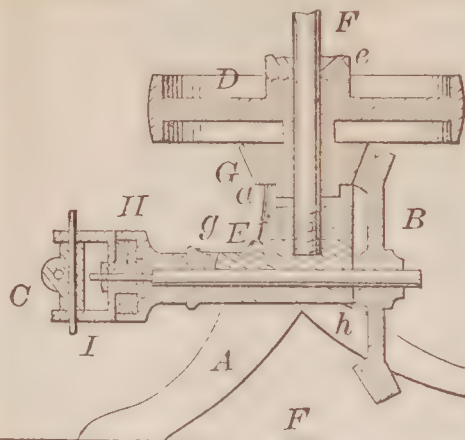
82616—P. Geiser—Writing Table and Chair.



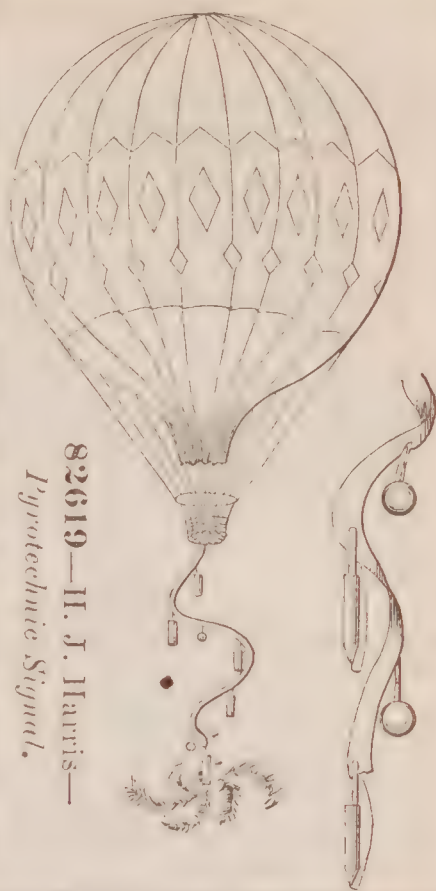
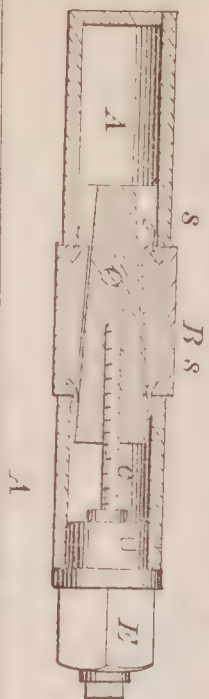
82615—J. Frisch—Kitchen Implement.



82617—P. Geiser—*Horse Power.*

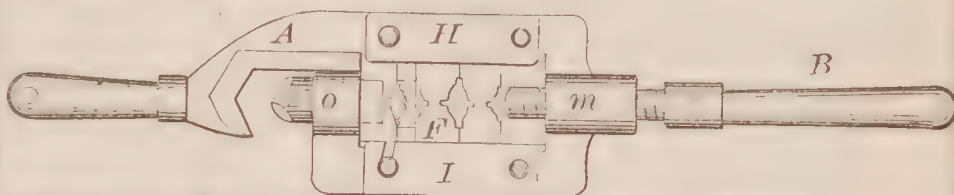


82618—S. Glasdon—*Reamer and Tap.*

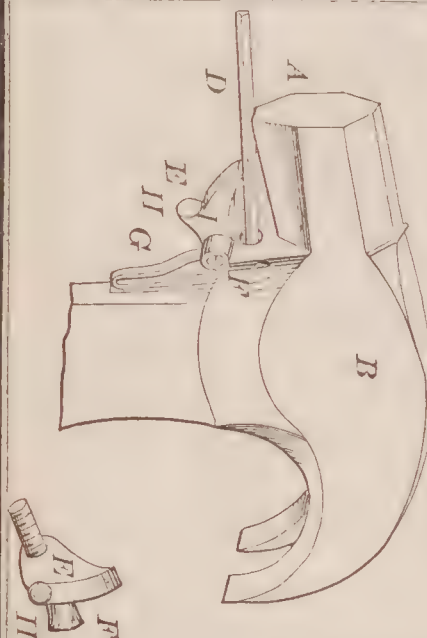


82619—H. J. Harris—*Pyrotechnic Signal.*

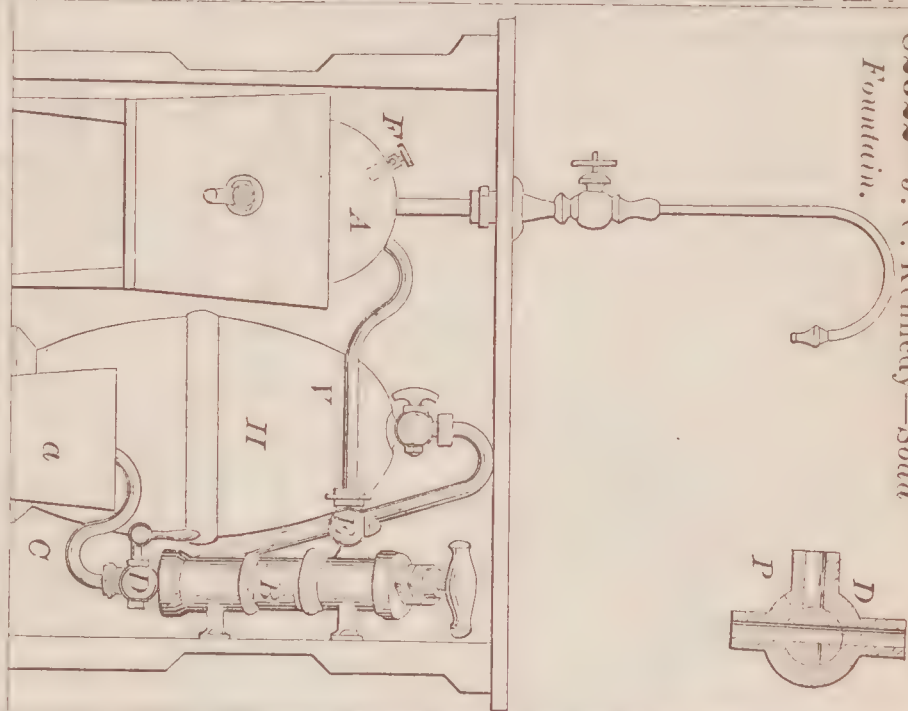
82620—J. Himmer—*Gas Fitters' Tool.*



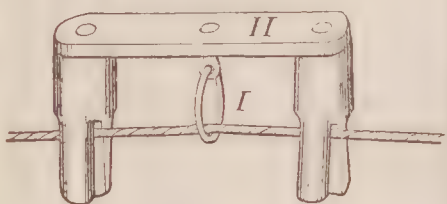
82621—G. W. Hubbard—*Hammer.*



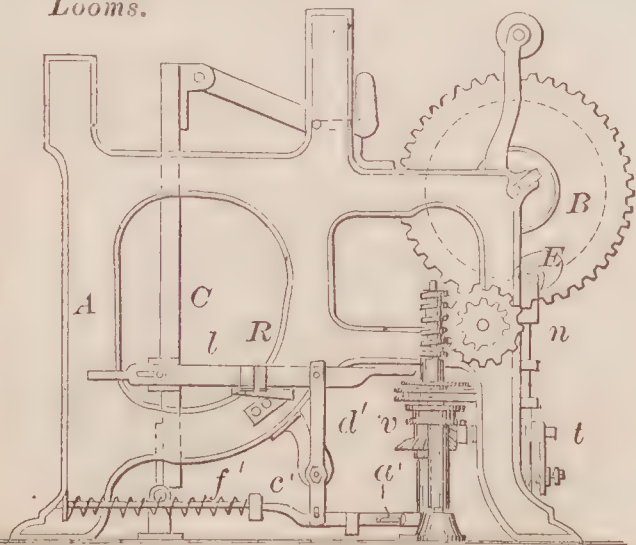
82622—J. C. Kennedy—*Soda Fountain.*



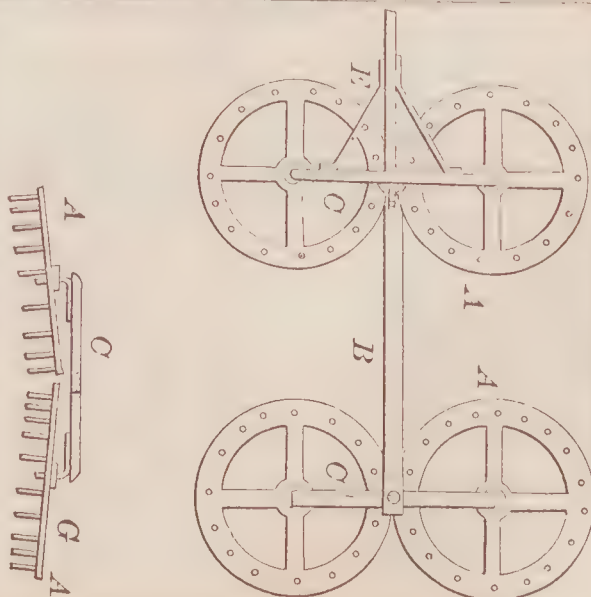
82624—L. Matthews—*Clothes Pin.*



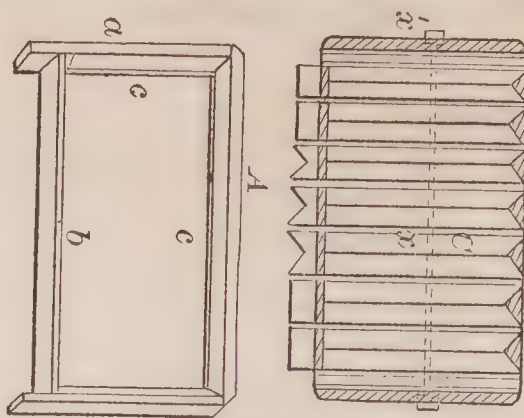
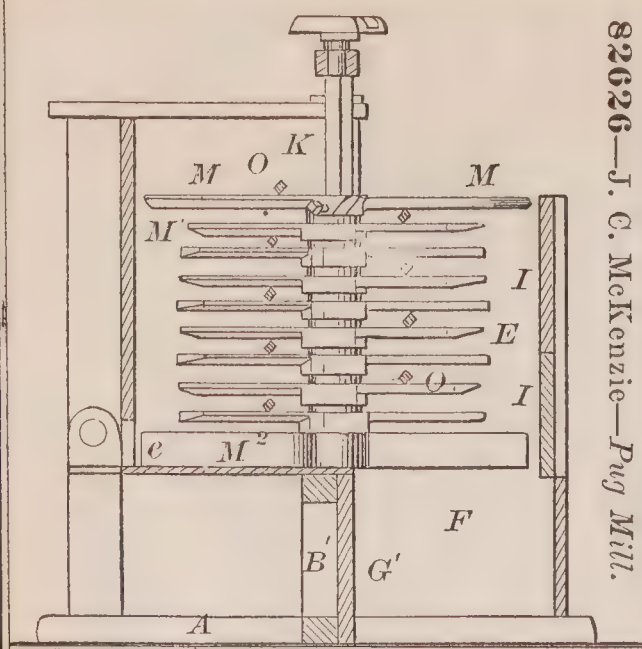
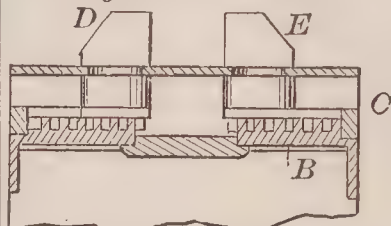
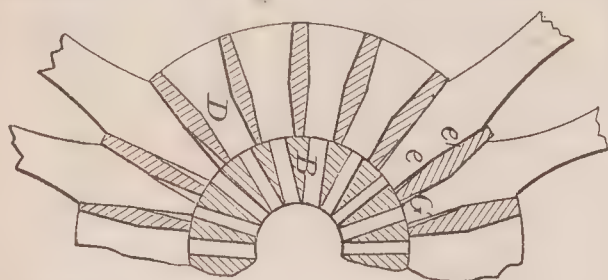
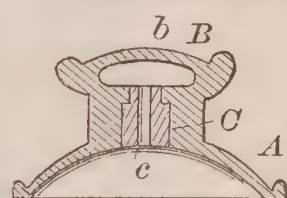
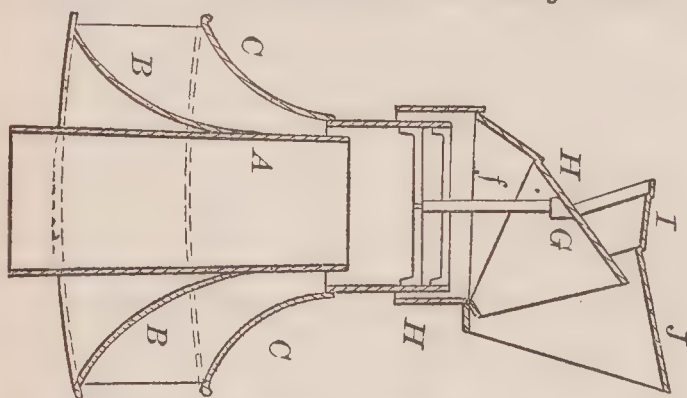
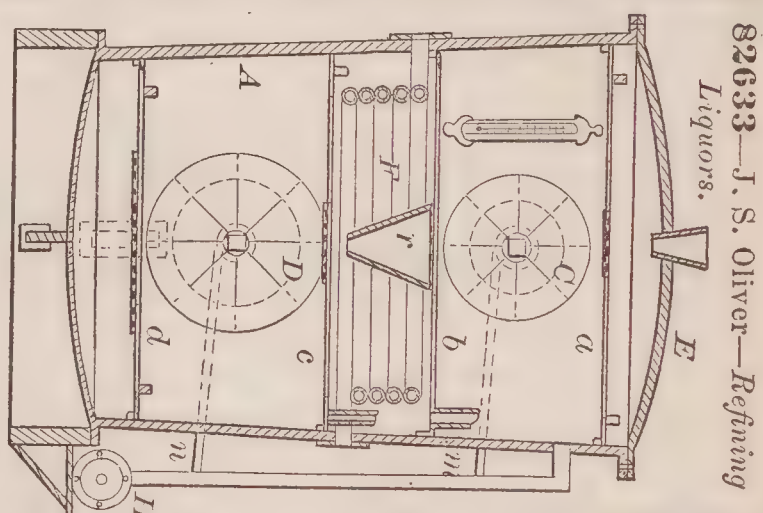
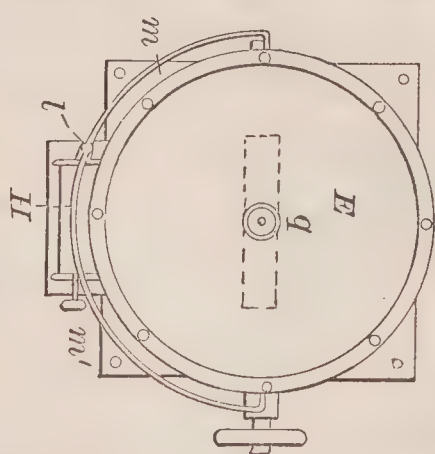
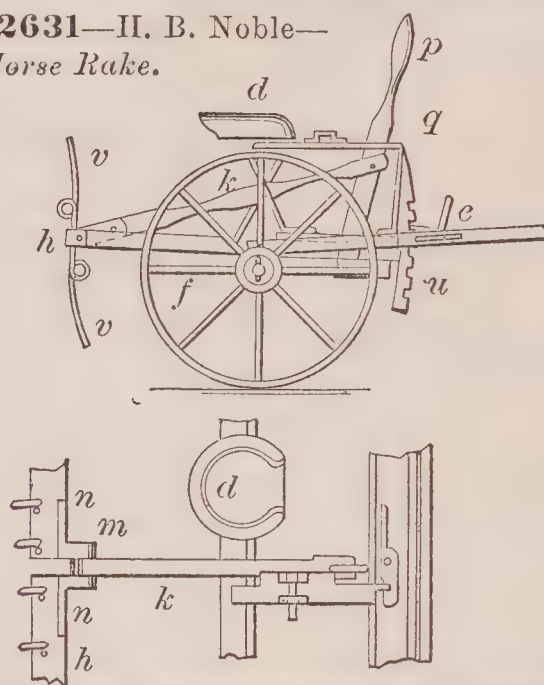
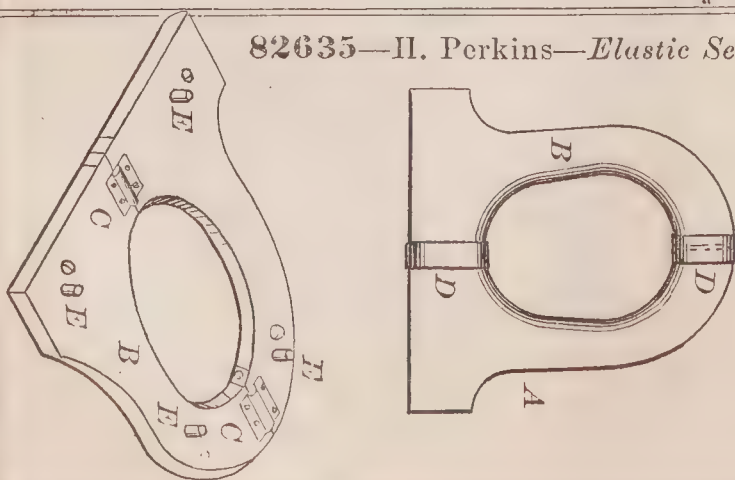
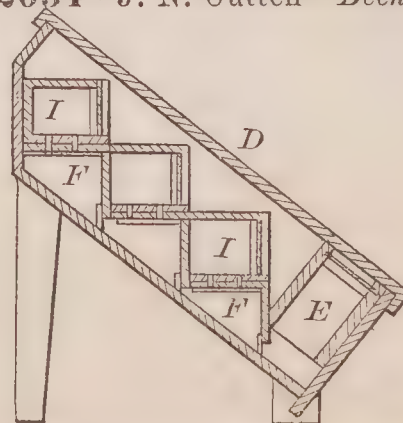
82625—P. McGee—*Let-off Mechanism for Looms.*



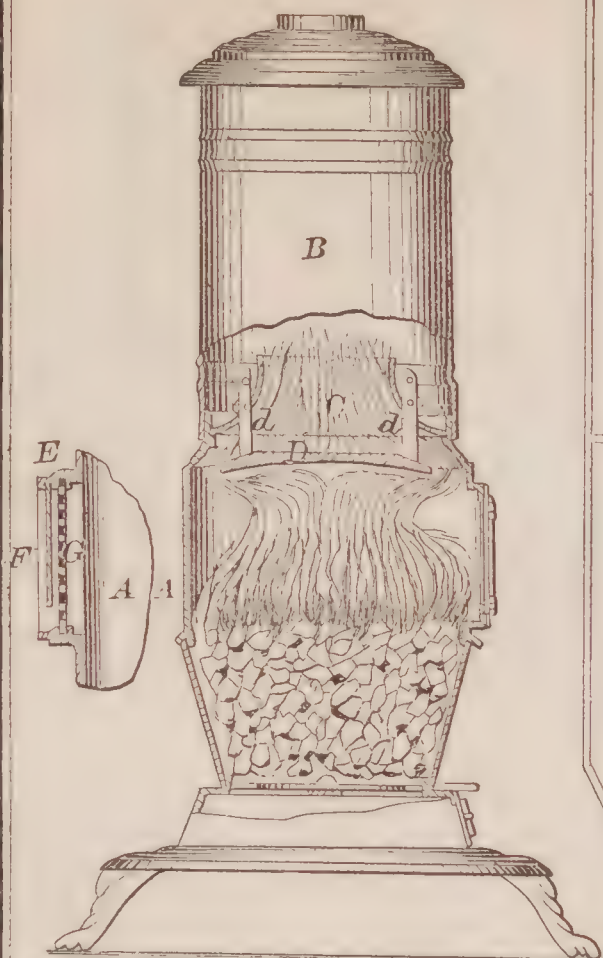
82623—B. Lyon—*Harrow.*



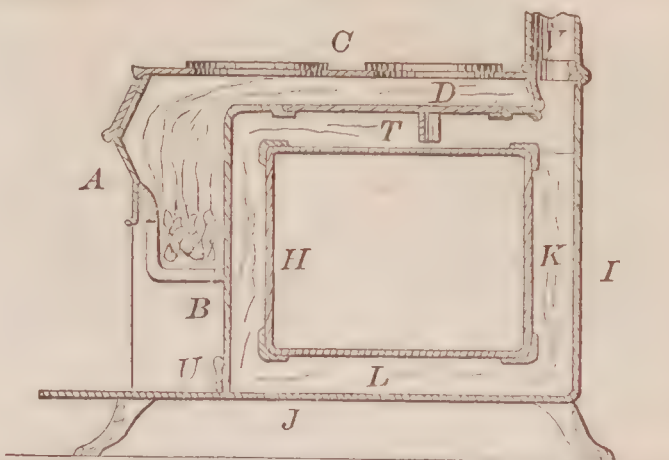


82628—B. F. Nave—  
*Beehive.*82626—J. C. McKenzie—*Pug Mill.*82627—G. N. Munger—  
*Engravers Vise.*82629—  
O. H. Needham—  
*Atmospheric Knob.*82630—F. Nichols—*Hub.*82632—E. T. Noualhier—*Chimney Cowl.*82631—H. B. Noble—  
*Horse Rake.*82633—J. S. Oliver—*Refining  
Liquors.*82635—H. Perkins—*Elastic Seat.*82634—J. N. Outten—*Beehive.*

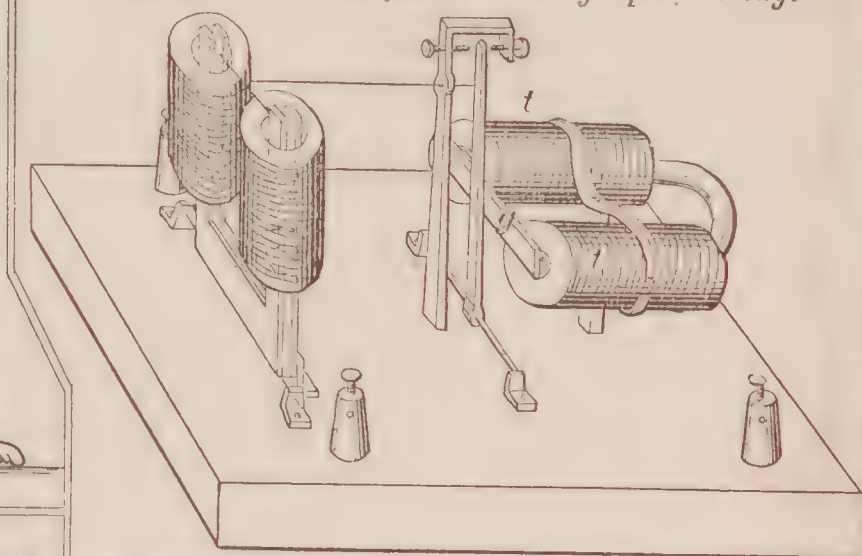
82637—A. J. Redway—*Stove.*



82638—A. J. Redway—*Stove.*



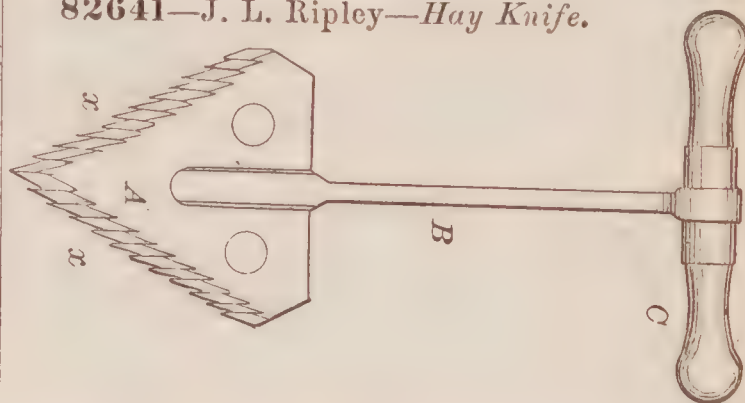
82639—L. H. Reynolds—*Telegraphic Relay.*



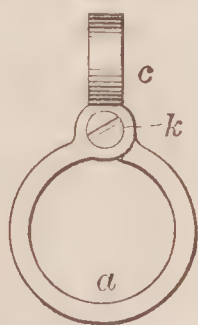
82640—Richards & Traut—*Endless Belt.*



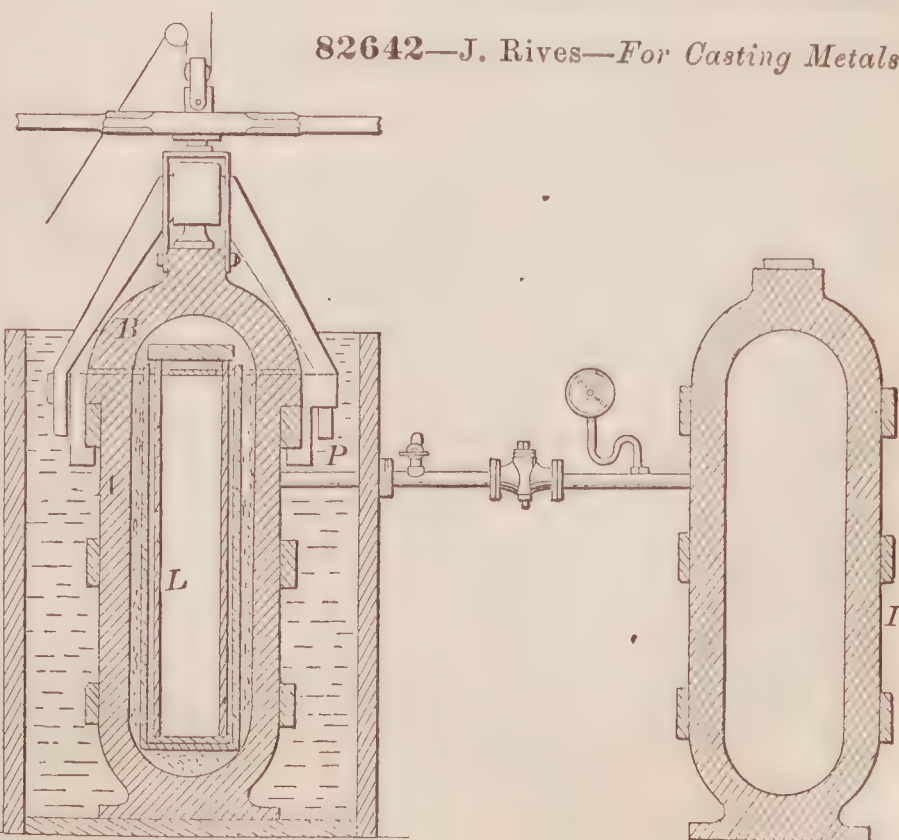
82641—J. L. Ripley—*Hay Knife.*



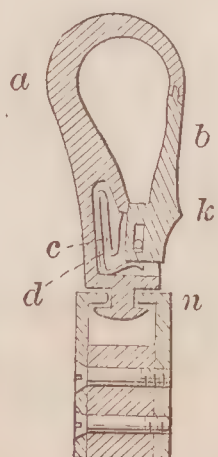
82643—L. A. Sanford—*Clasp Ring.*



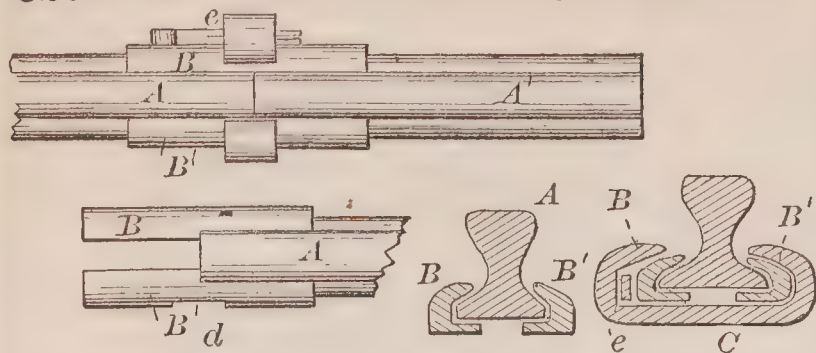
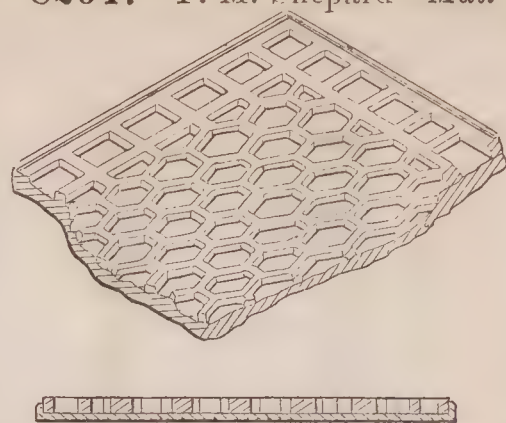
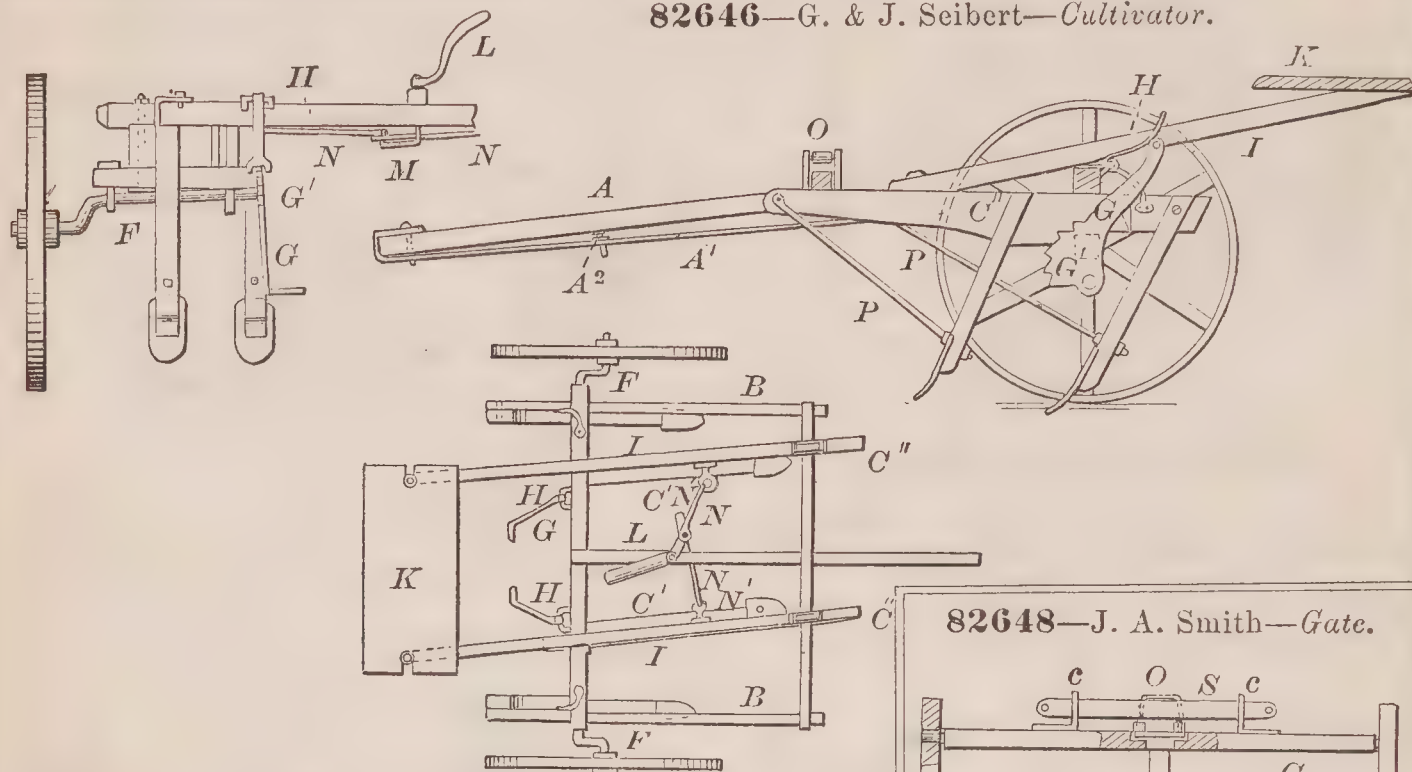
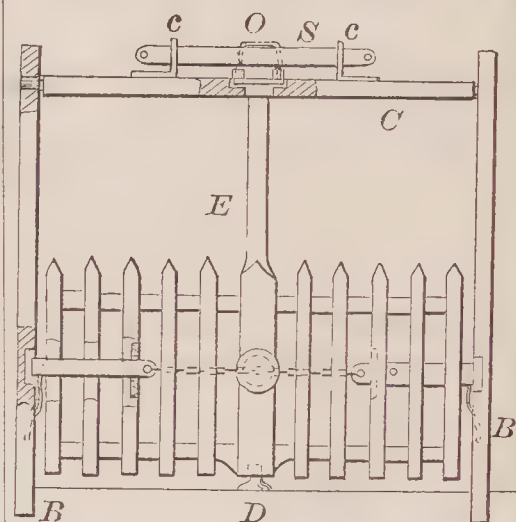
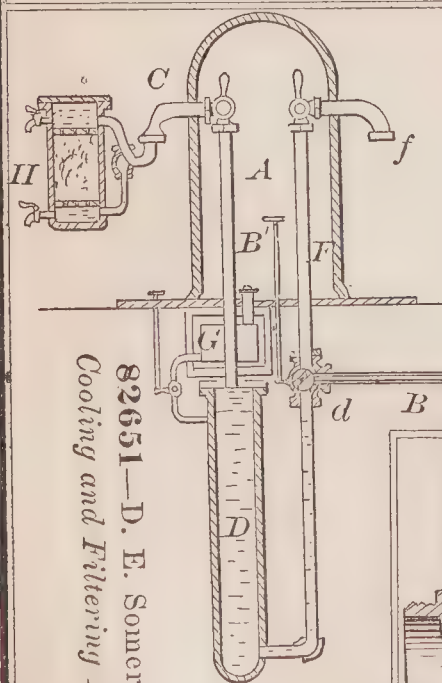
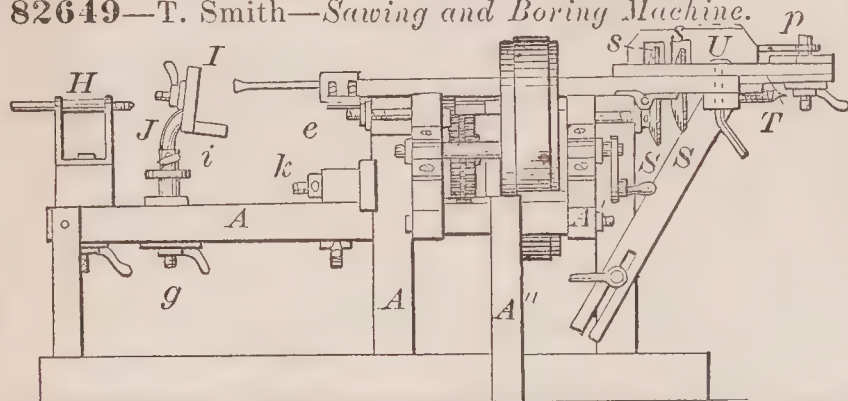
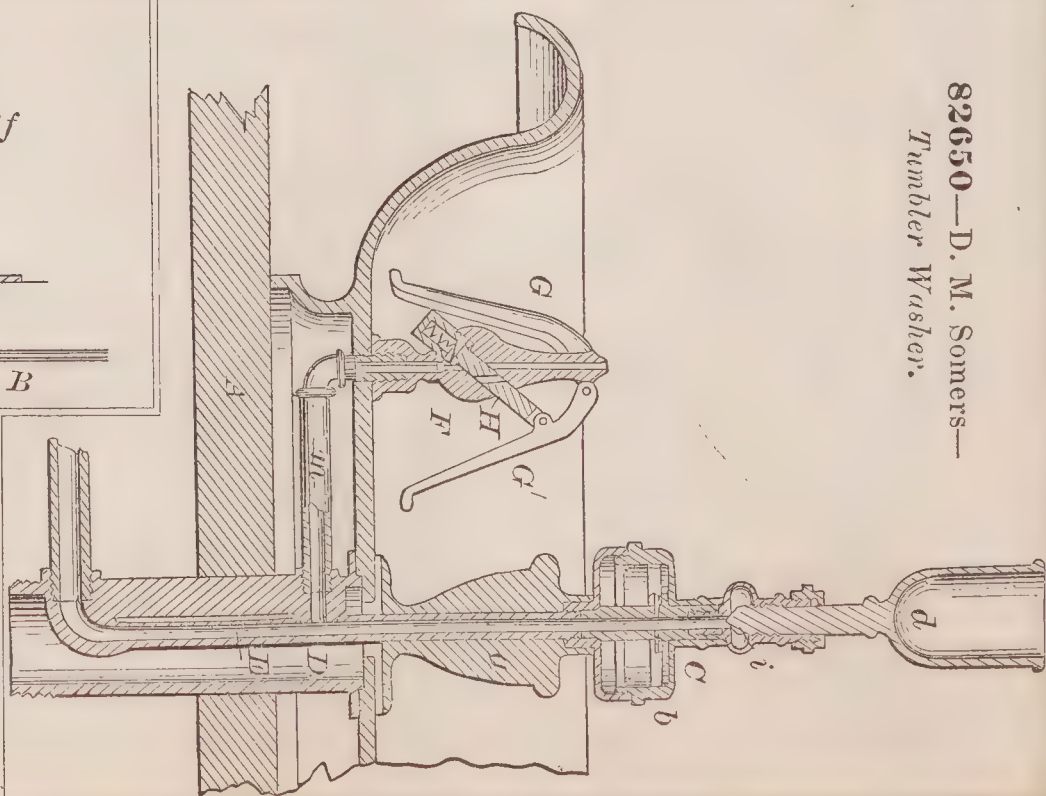
82642—J. Rives—*For Casting Metals.*



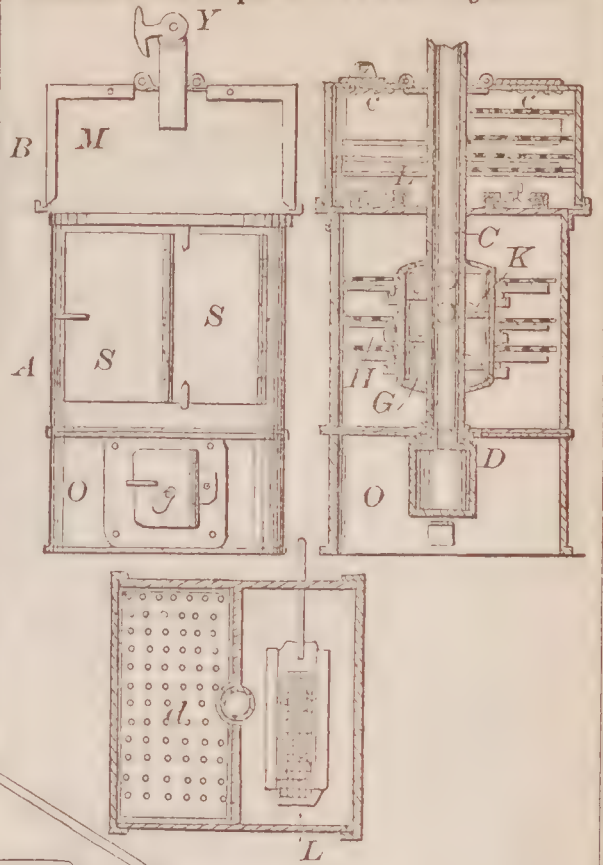
82644—L. A. Sanford—*Snag Hook.*



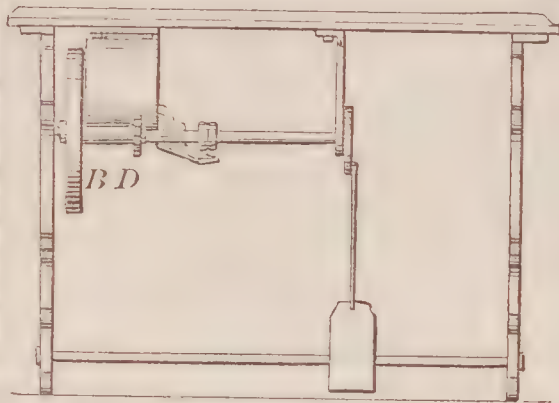
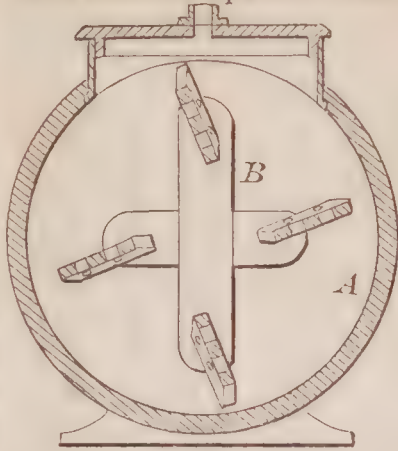


82645—J. S. Schoonover—*Railway Rail Joint.*82647—F. M. Shepard—*Mat.*82646—G. & J. Seibert—*Cultivator.*82648—J. A. Smith—*Gate.*82649—T. Smith—*Sawing and Boring Machine.*82651—D. E. Somers—*For Cooling and Filtering Liquids.*82650—D. M. Somers—*Tumbler Washer.*

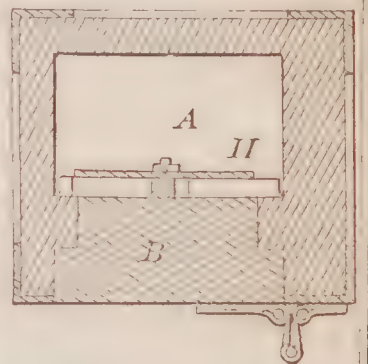
82654—J. Spear—*Fruit Dryer.*



82652—E. Spain—*Churn.*



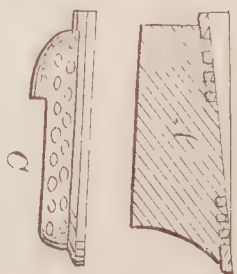
82655—G. Stackpole—*Auxiliary Power for Sewing Machines.*



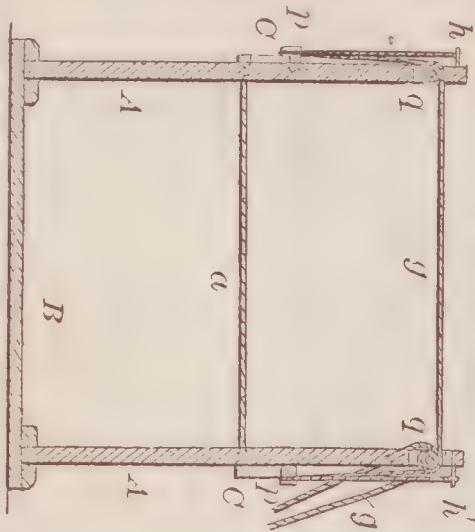
82658—P. J. Stuhltrager—*Safe Door Hinge.*



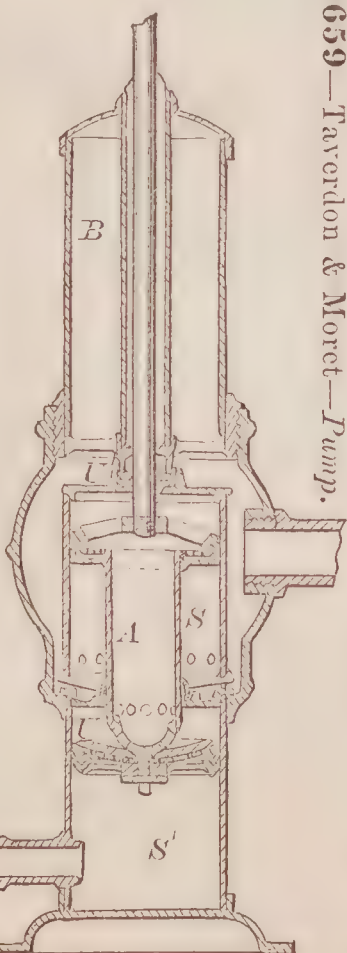
82662—Tull & Stevenson—*Boot and Shoe Heel.*



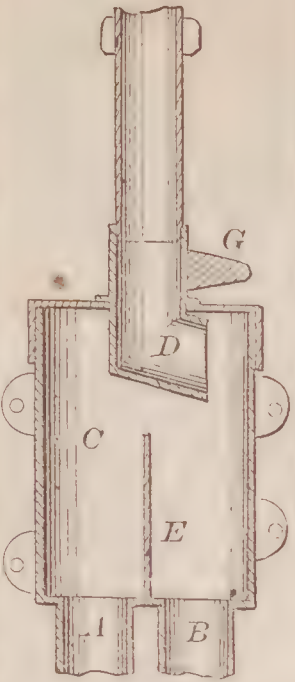
82657—H. D. Struse—*Clothes Dryer.*



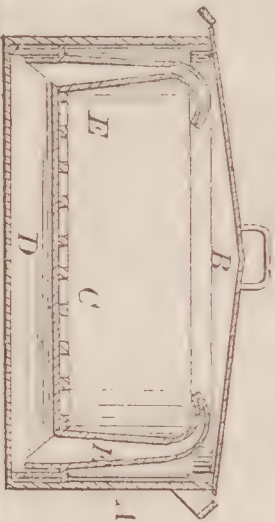
82659—Taverdon & Moret—*Pump.*



82653—J. Spear—*Rain Water Cut-off.*

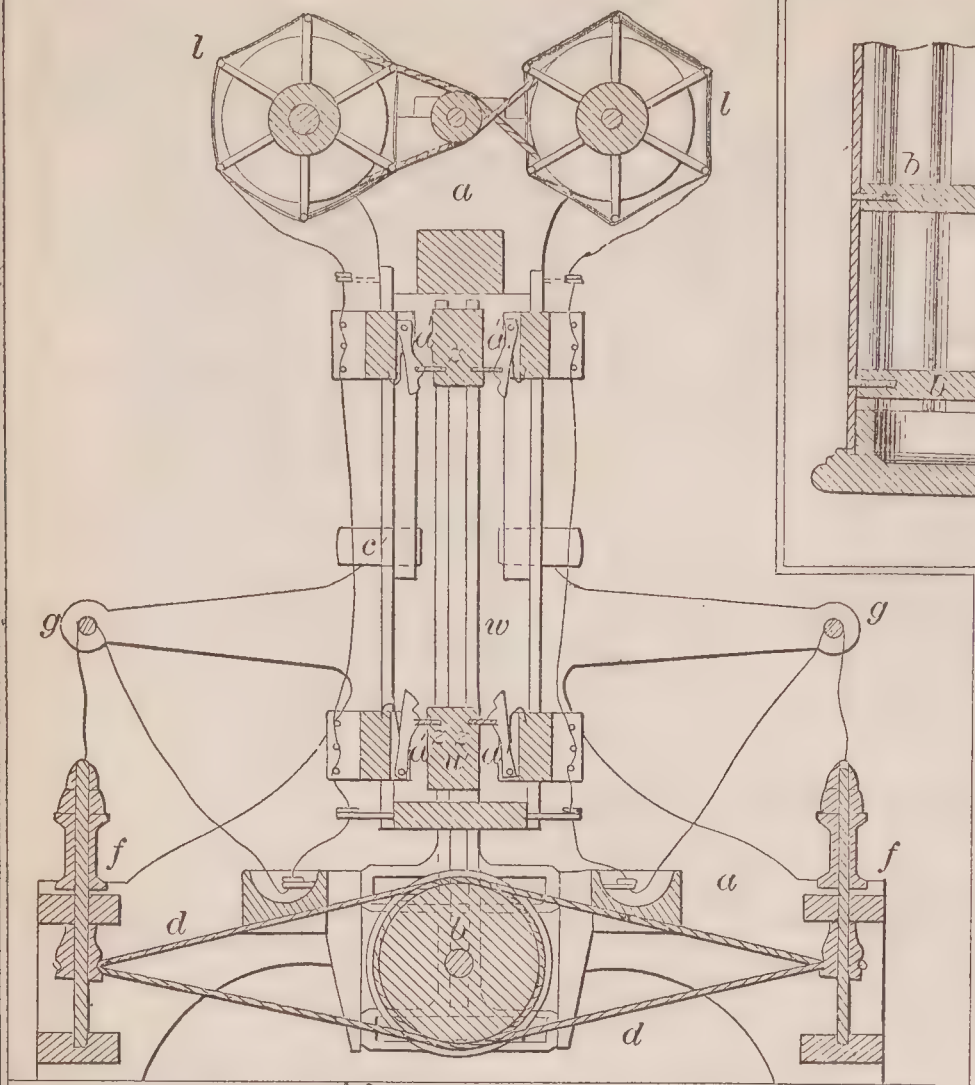


82656—O. F. Steedman—*Wash Boiler.*

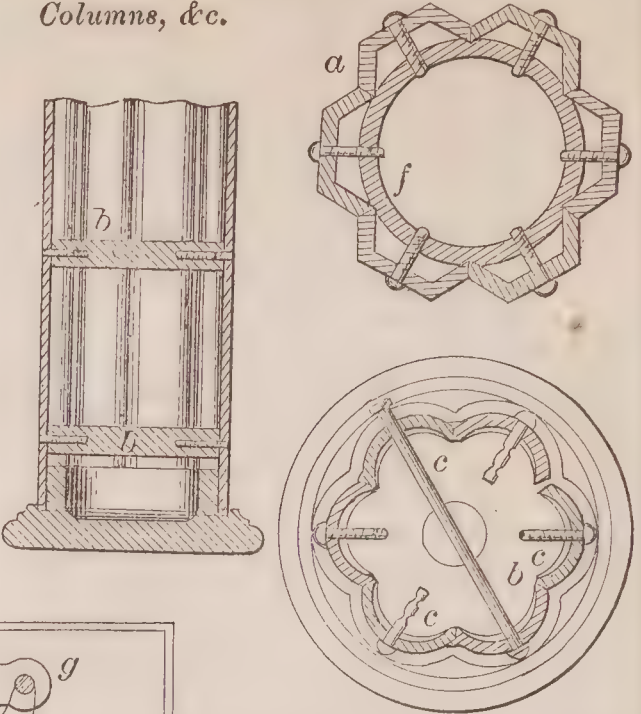




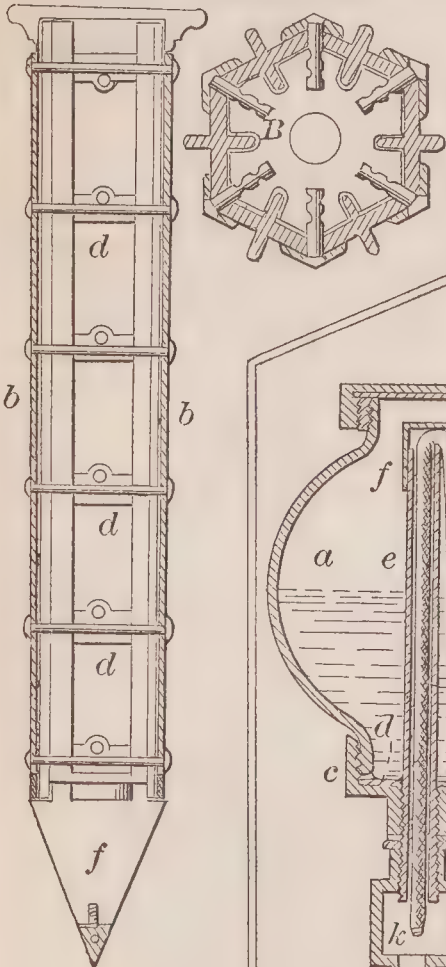
82661—W. W. Trapp—*Polishing Thread.*



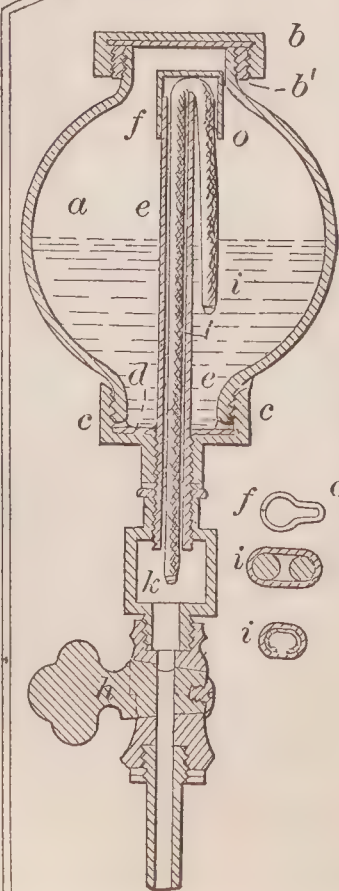
82664—Walters & Shaffer—*Constructing Columns, &c.*



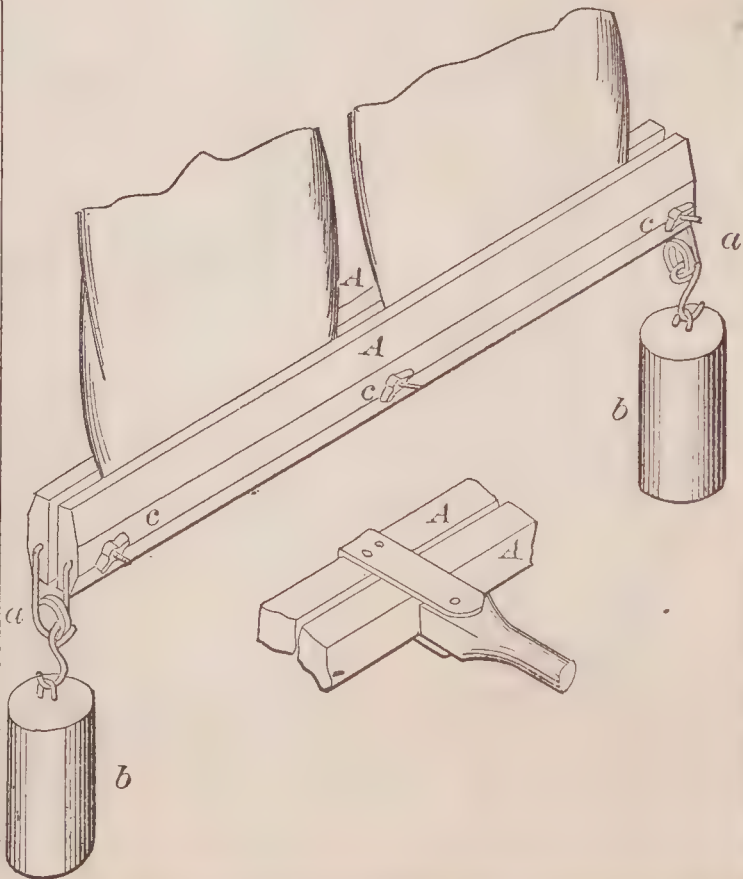
82663—Walters & Shaffer—*Constructing Columns, &c.*



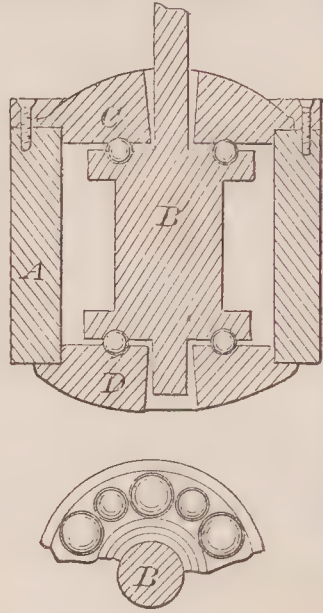
82667—J. B. Vickersham—*Lubricator.*



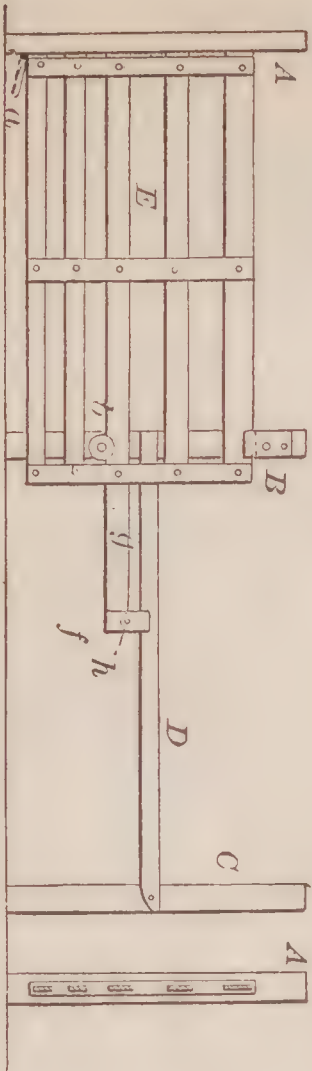
82666—S. C. Wells—*Pantaloons Stretching Device.*



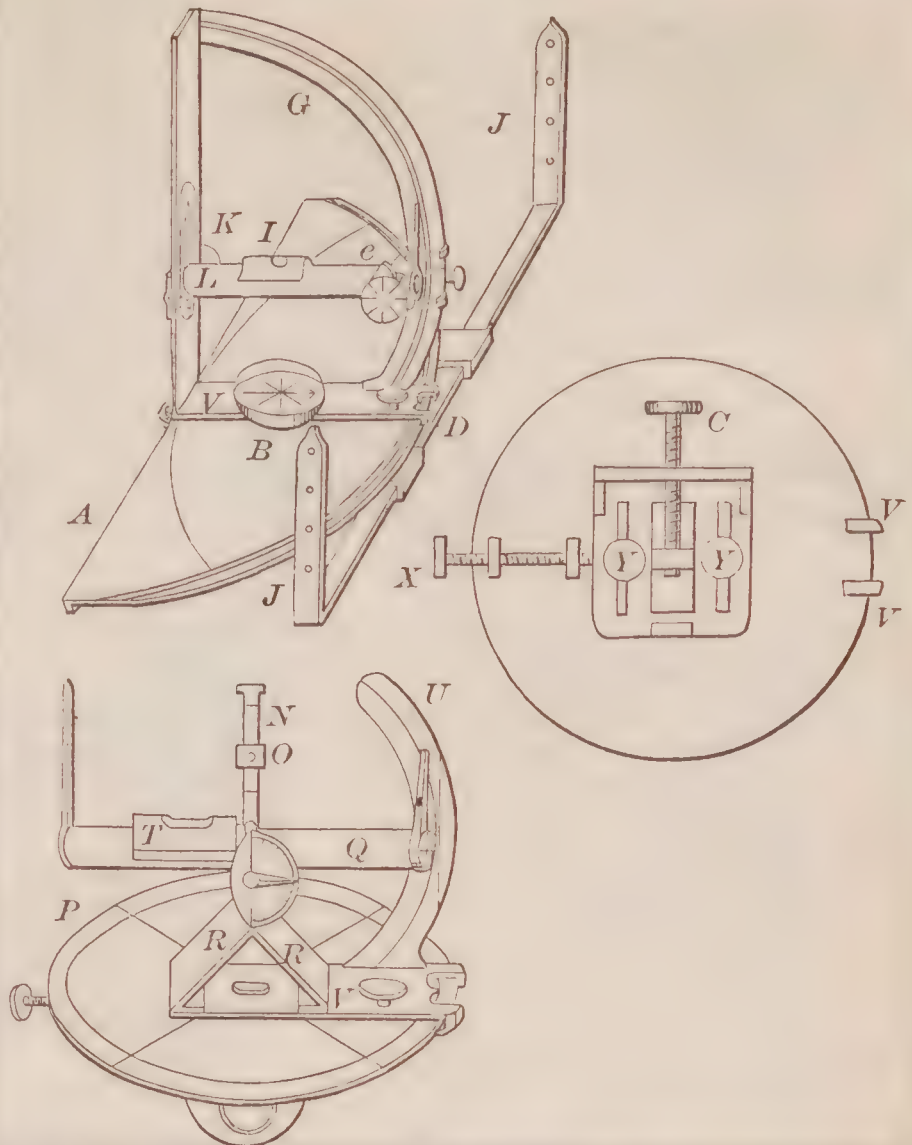
82665—G. L. Weaver—*Journal Box.*



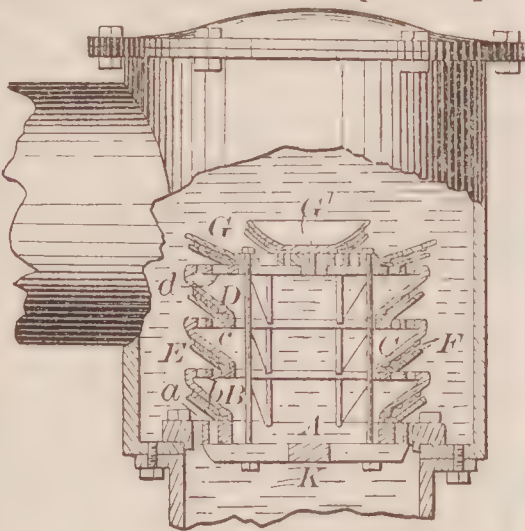
82668—T. B. Wickham—*Farm Gate.*



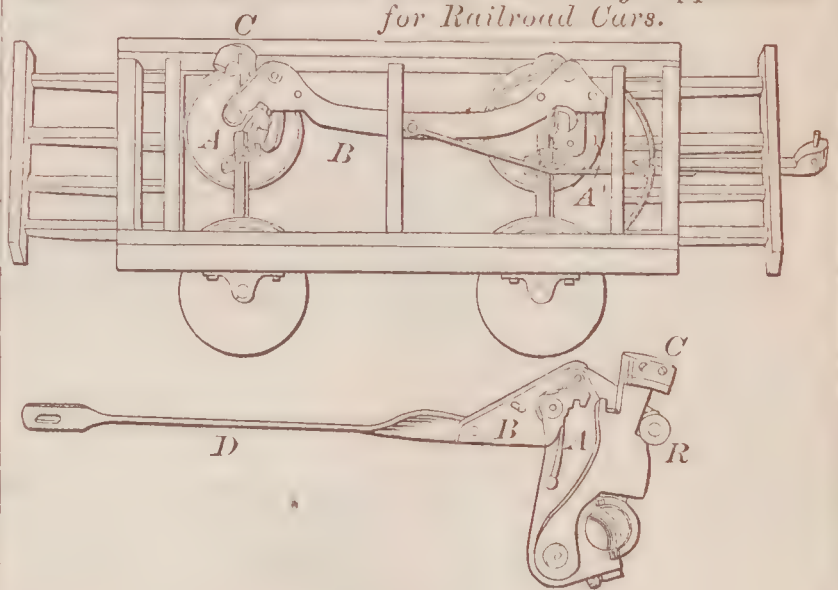
82669—C. Wilson—*Measuring Heights and Distances.*



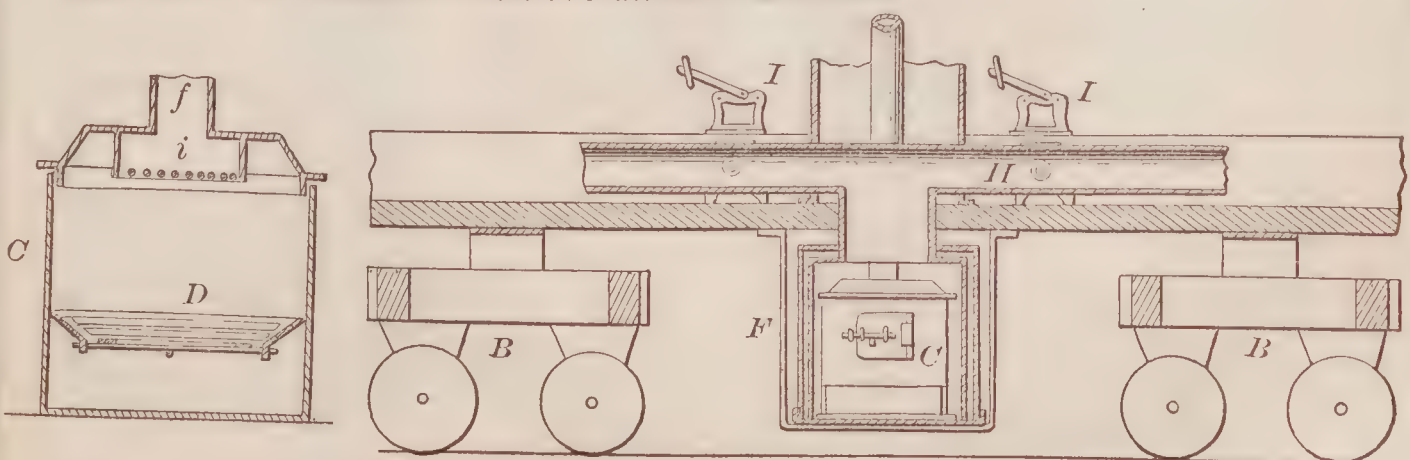
82670—Wilson & Dunlap—*Pump.*



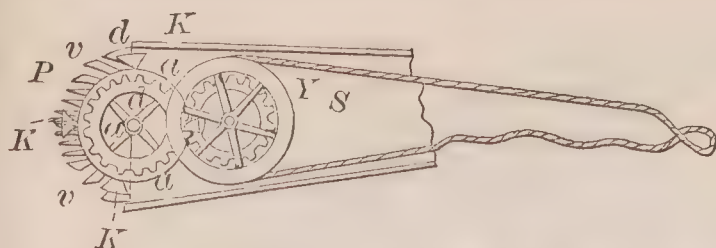
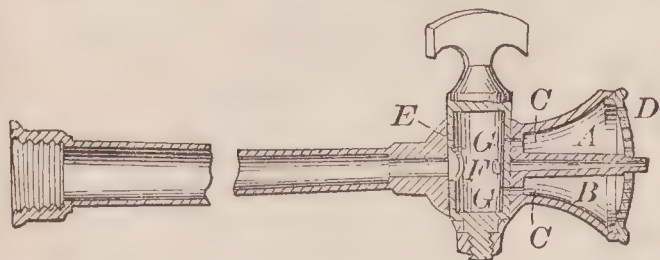
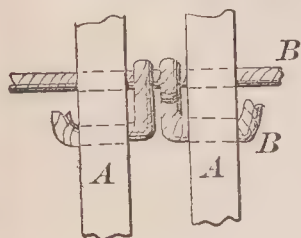
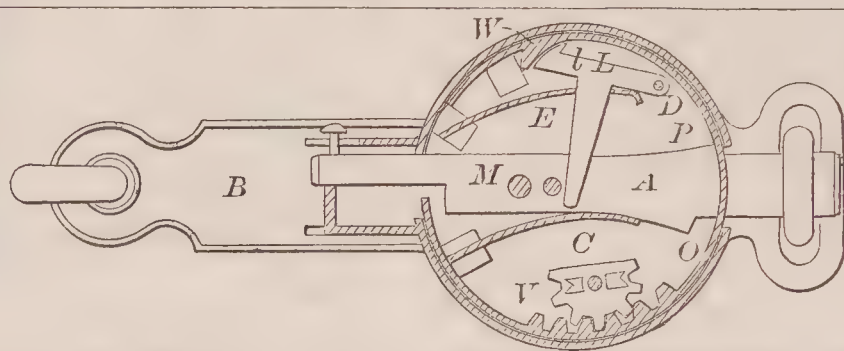
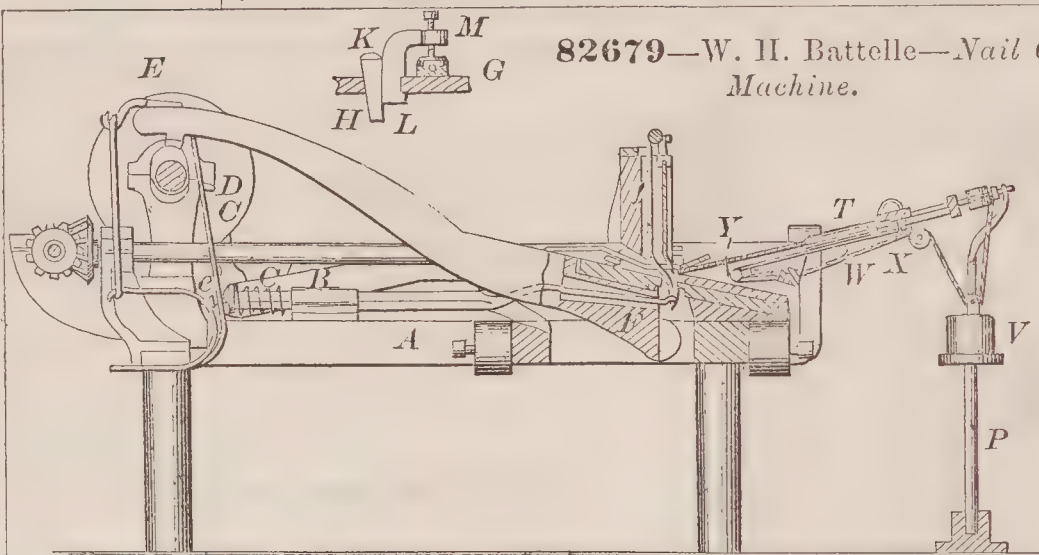
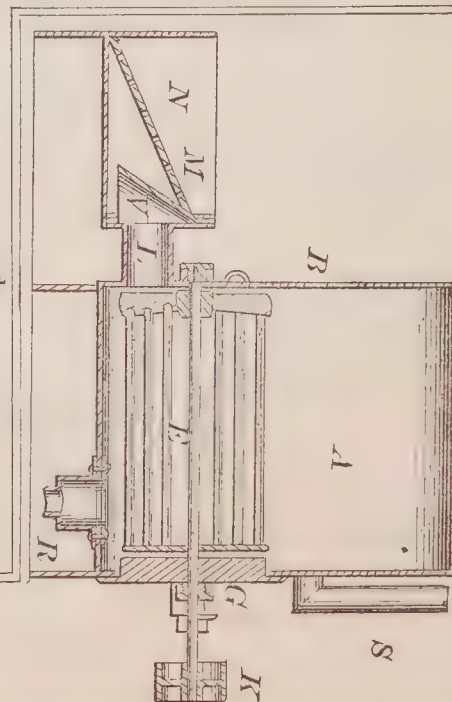
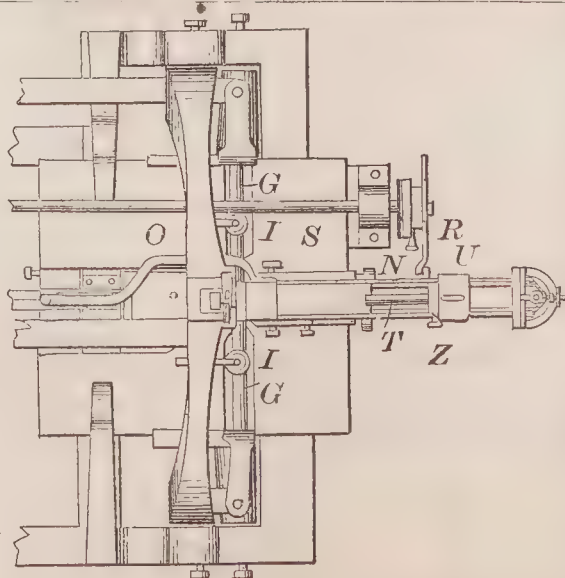
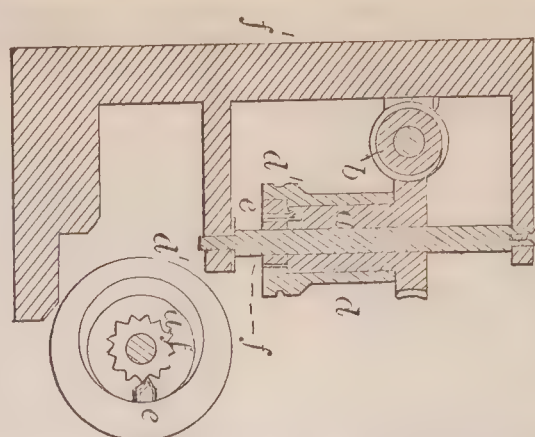
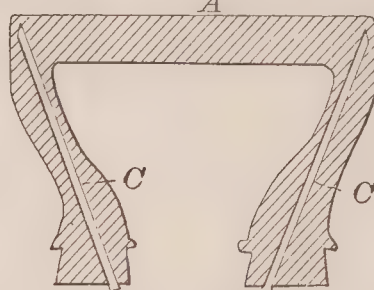
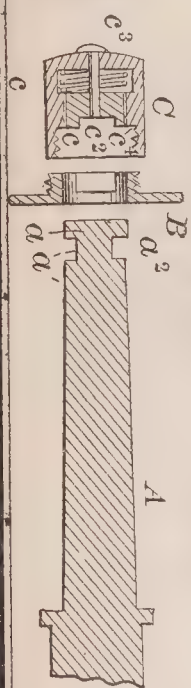
82671—Woodward & Millett—*Starting Apparatus for Railroad Cars.*



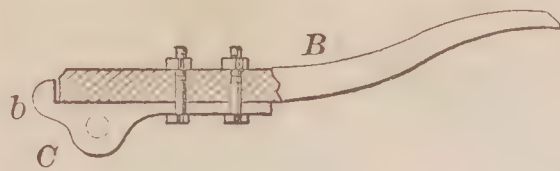
82672—J. E. Wootten—*Valve in Railroad Car Stores.*



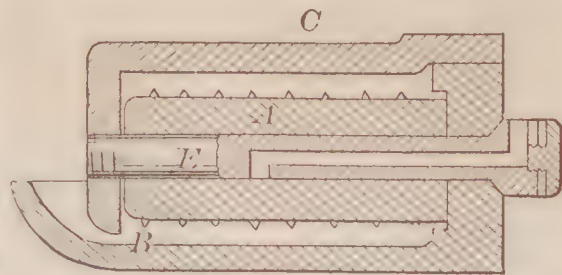


82673—J. K. Alwood—*Sheep Shearing Device.*82676—O. J. Backus—*Hose Pipe Nozzle.*82678—W. Barton—*Slat Matting for Cars, &c.*82681—J. H. Beauregard—*Hasp Lock.*82679—W. H. Battelle—*Nail Cutting Machine.*82682—H. B. Bond—*For Defecating Cane Juice.*82674—M. M. Amidon—*Transmitting Motion.*82677—A. Barrows—*Sad Iron Handle.*82680—R. E. Bean—*Arle Head.*

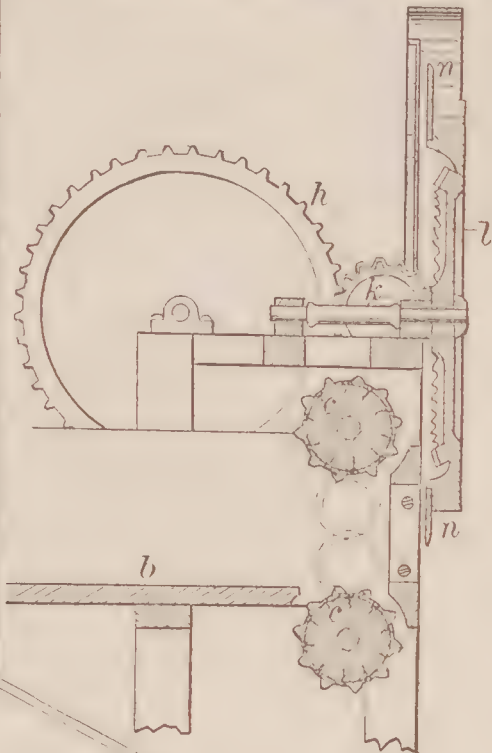
82683—F. Boylston—*Children's Carriage.*



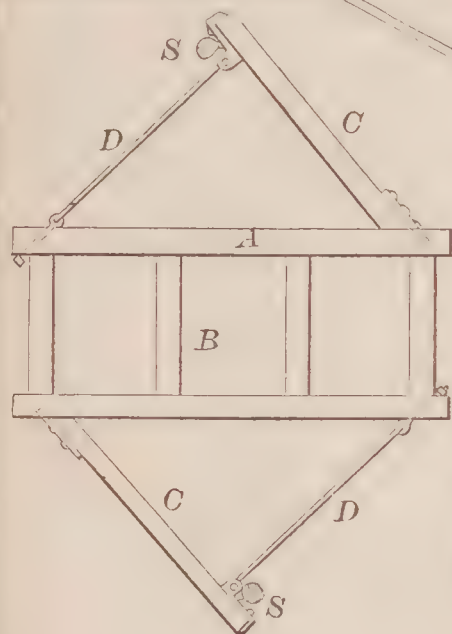
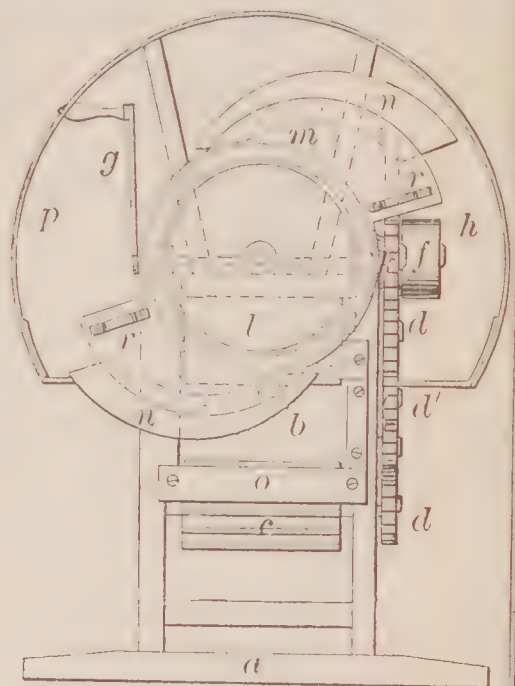
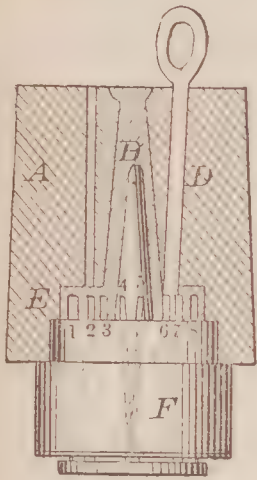
82684—L. Briggs—*Temple for Looms.*



82685—J. W. Brockway—*Straw Cutter.*

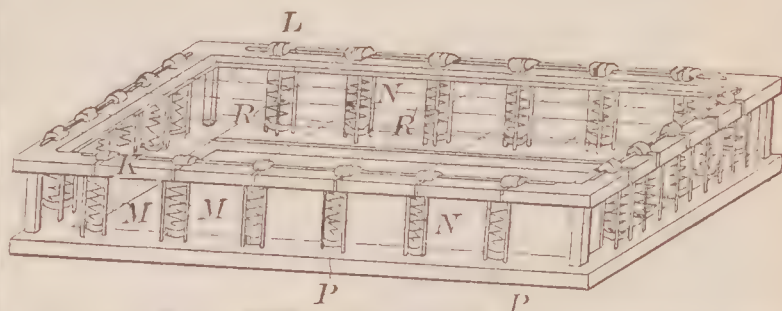


82686—A. R. Brown—*Mould.*

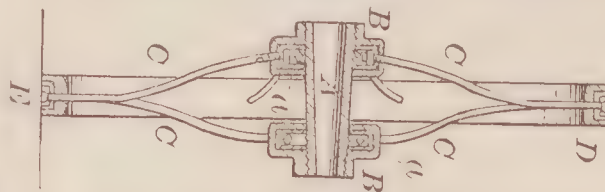


82688—W. H. Buell—*Scurrying Horse Powers to the Ground.*

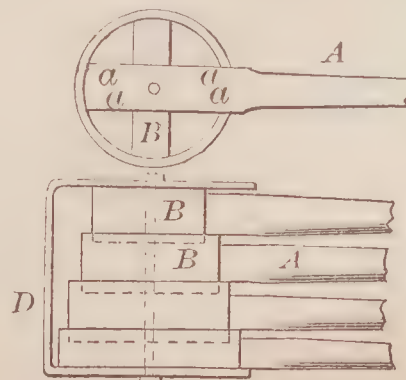
82687—G. A. Brown—*Spring Bed Bottom.*



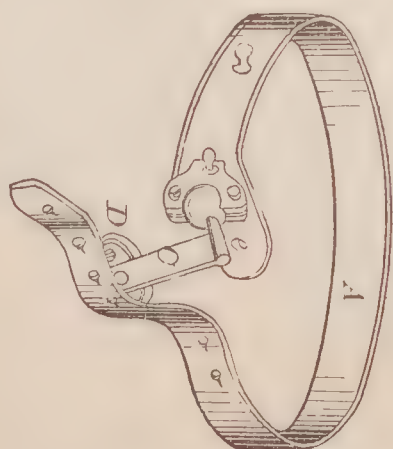
82690—J. G. Buzzell—*Carriage Wheel.*



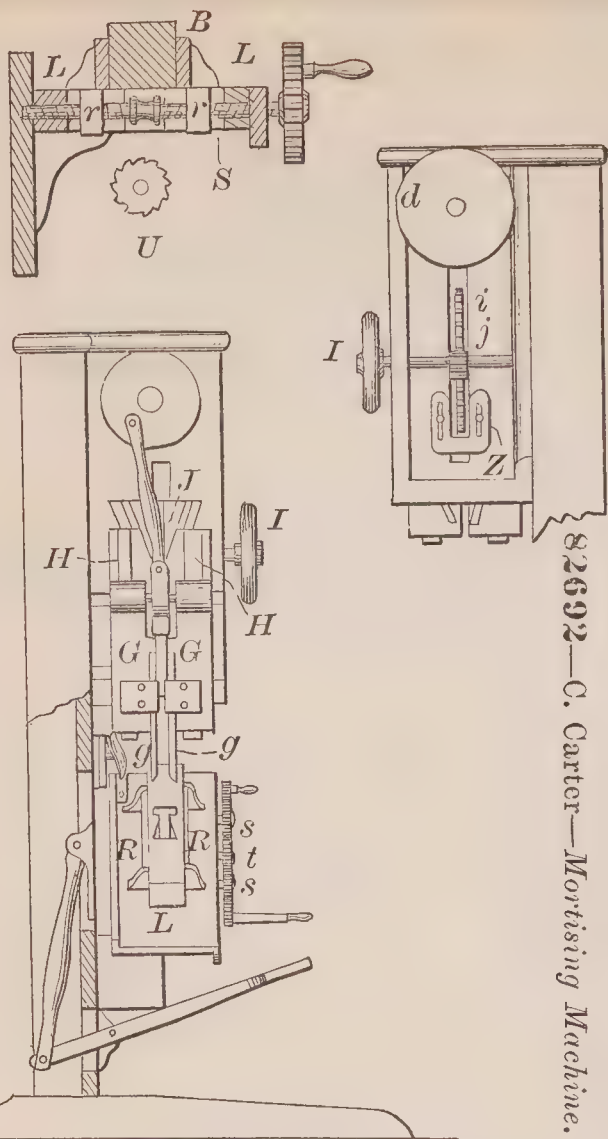
82691—C. Carrier—*Towel and Clothes Rack.*



82689—J. Burnham—*Truss.*

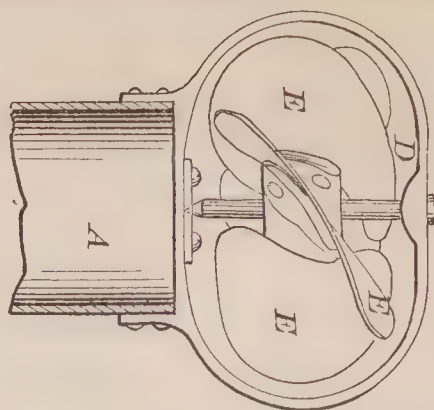




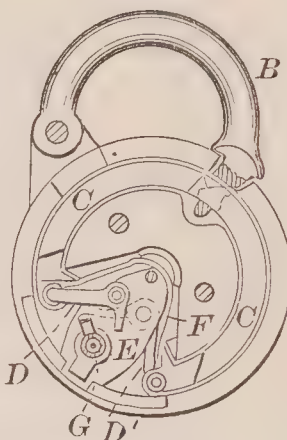


82692—C. Carter—Mortising Machine.

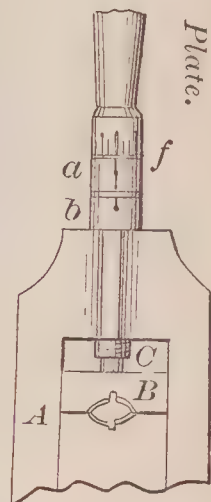
82693—W. Chappell—Chimney Cap.



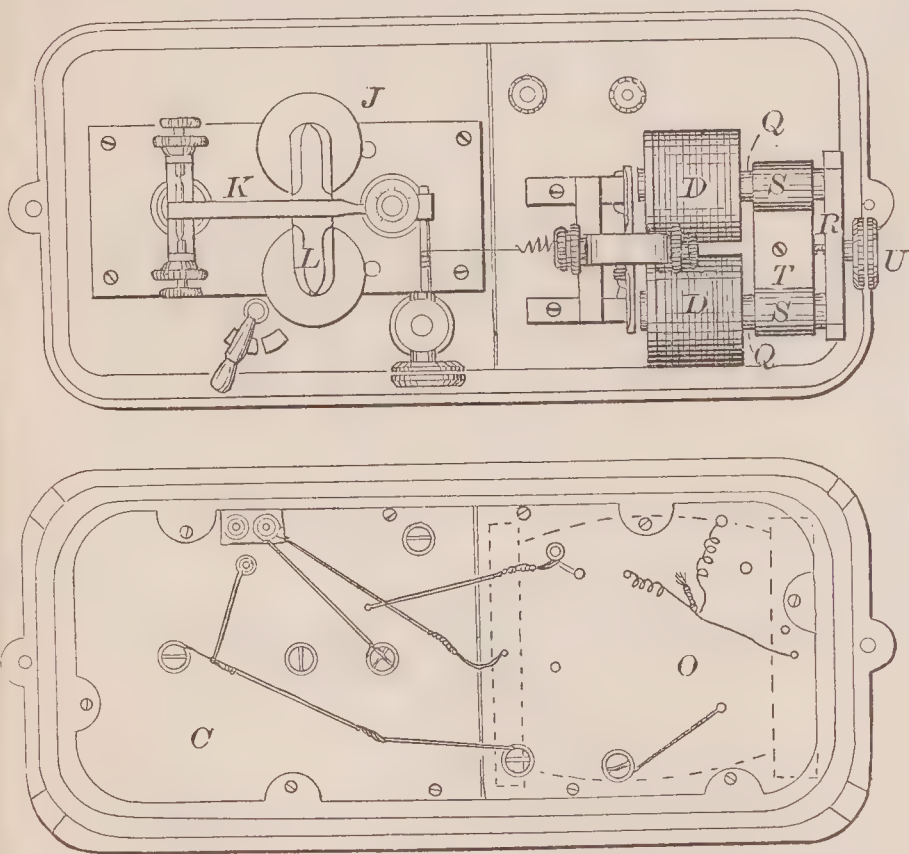
82694—G. W. Dana—Padlock.



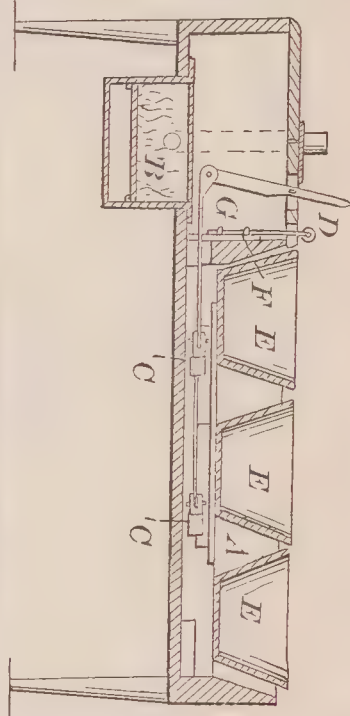
82697—J. S. Dutton—Screw Plate.



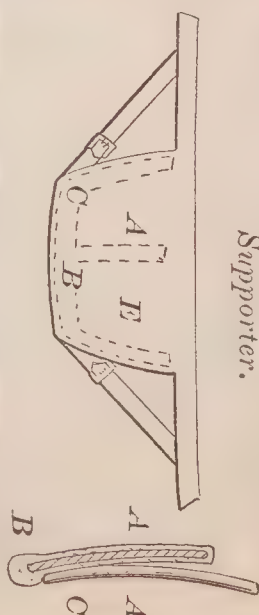
82695—S. F. Day—Telegraphic Instrument.



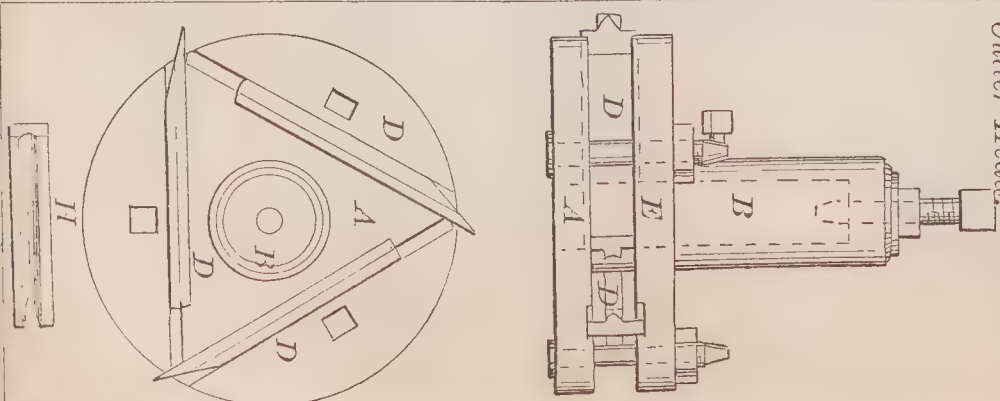
82698—J. A. Edwards—Mille Vat.

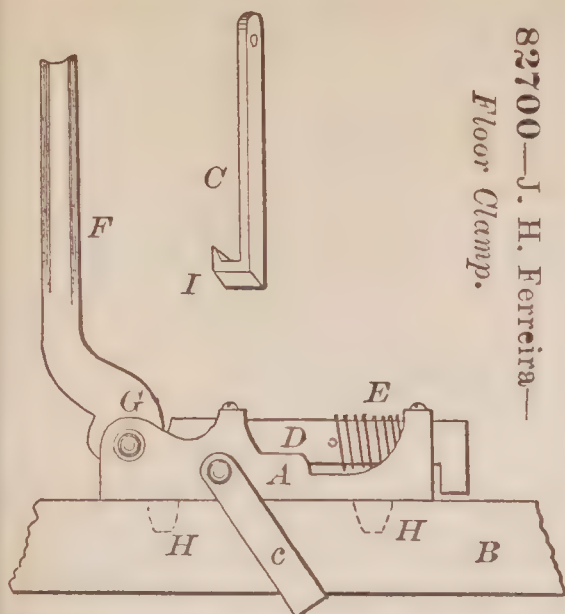


82702—J. Funkhouser—Abdominal Supporter.

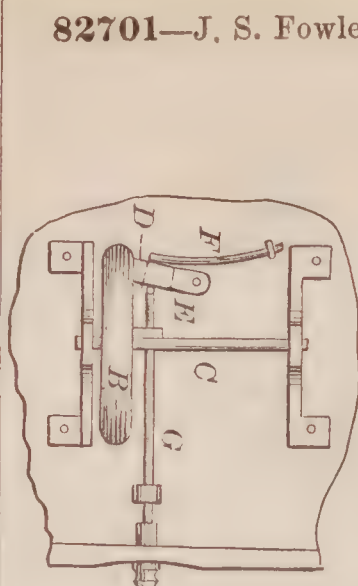


82699—W. G. Farmer—Cutter Head.

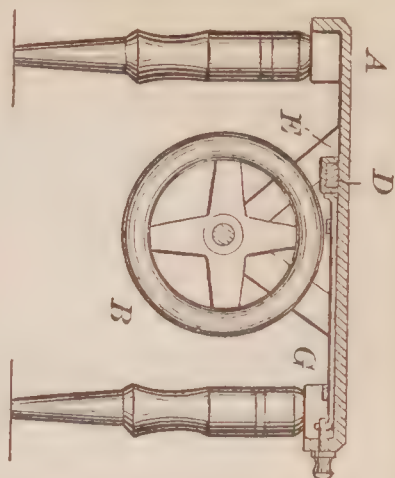




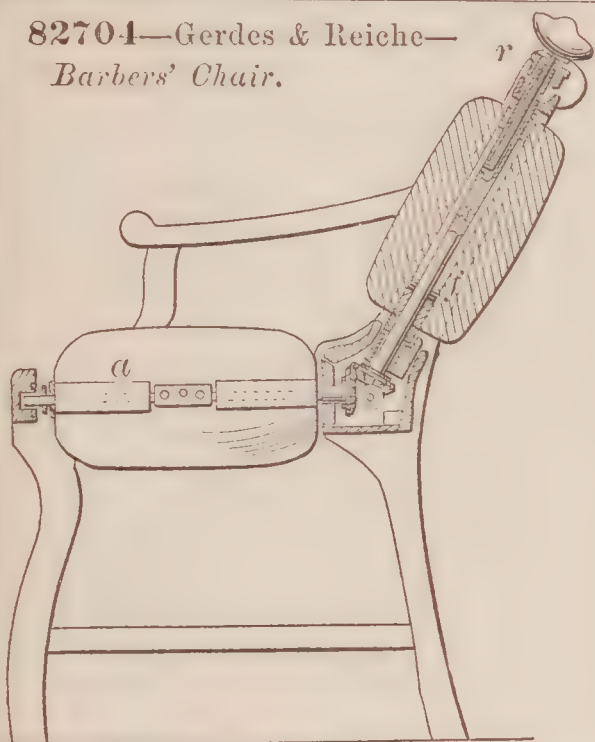
82700—J. H. Ferreira—  
*Floor Clamp.*



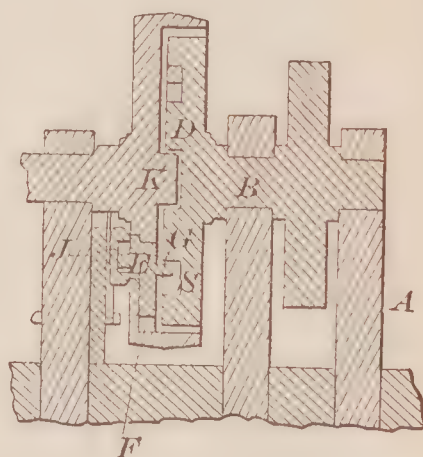
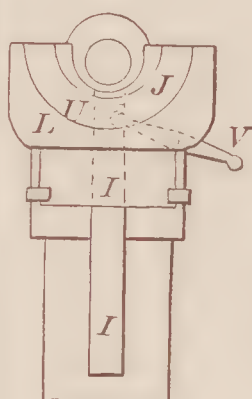
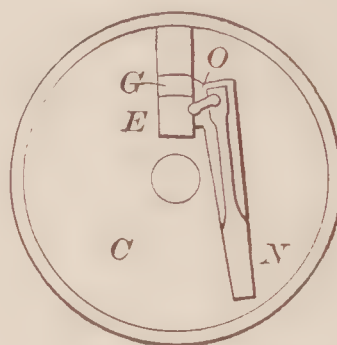
82701—J. S. Fowler—*Sewing Machine Brake.*



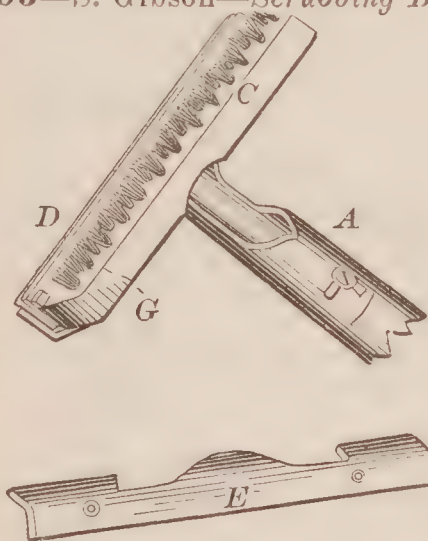
82704—Gerdes & Reiche—  
*Barbers' Chair.*



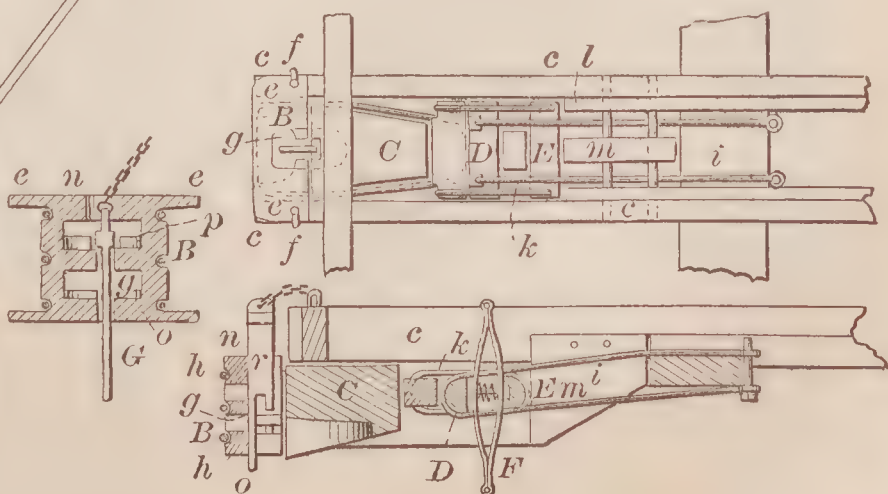
82703—J. P. Gates—*Shaft Coupling.*



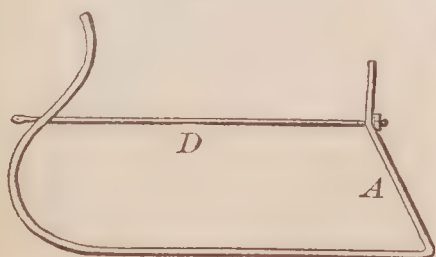
82705—S. Gibson—*Scrubbing Brush.*



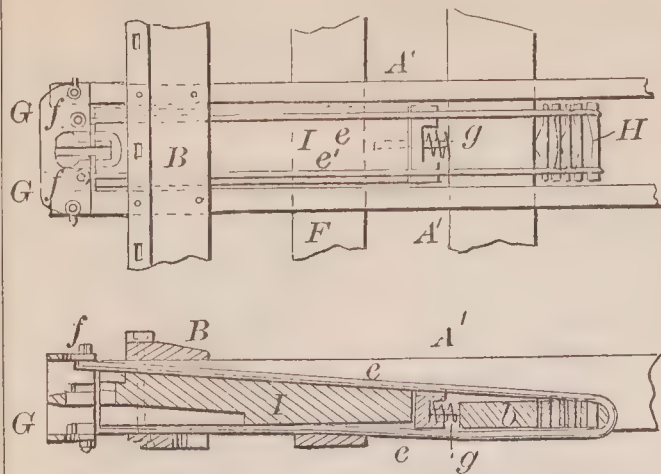
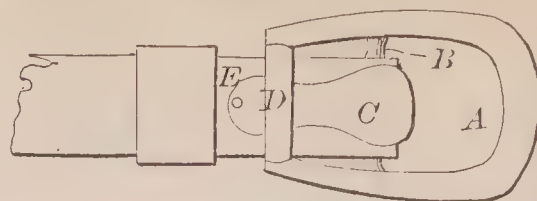
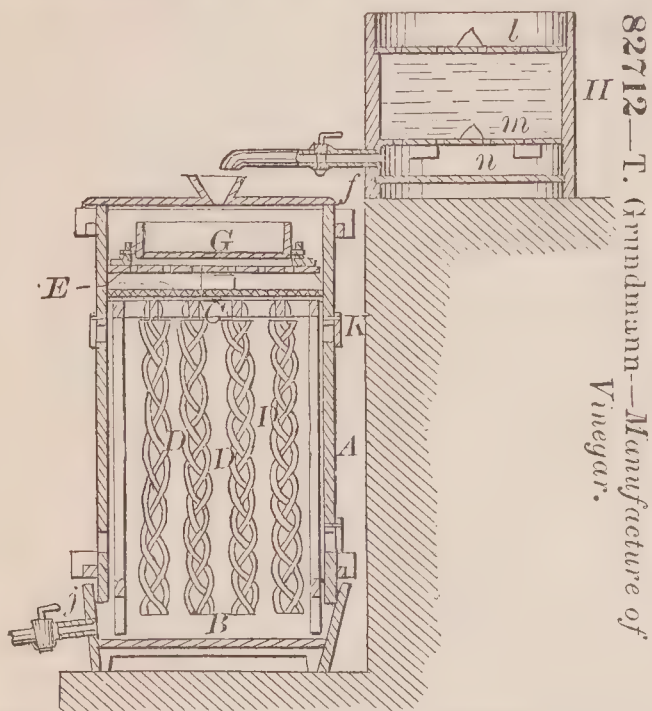
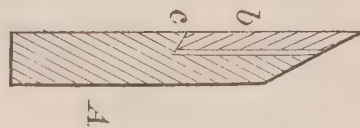
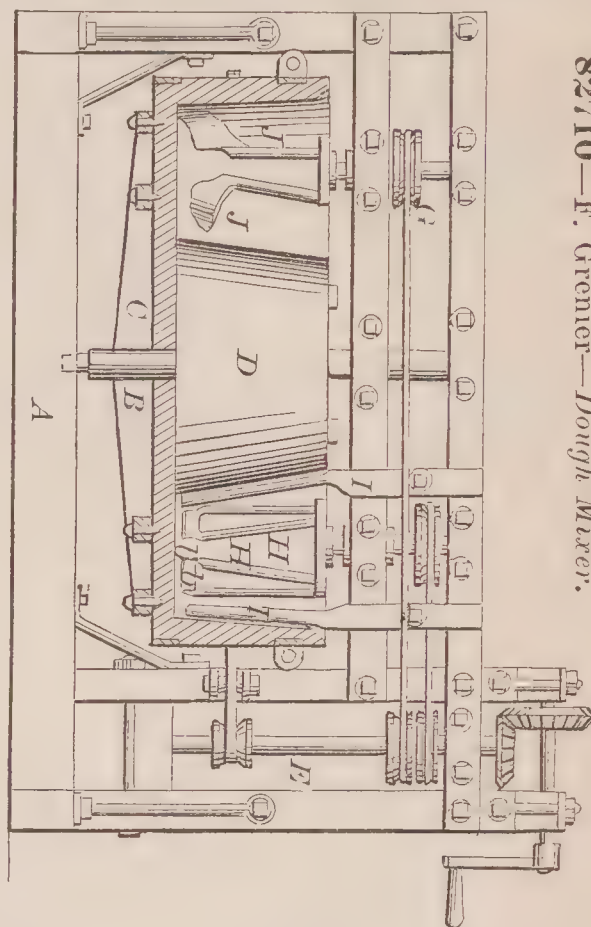
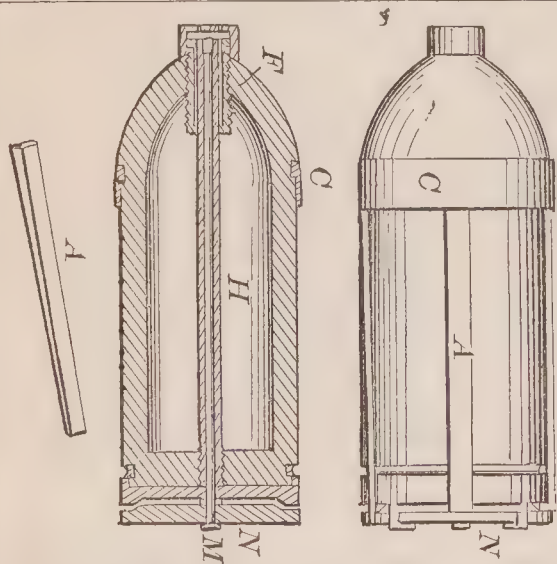
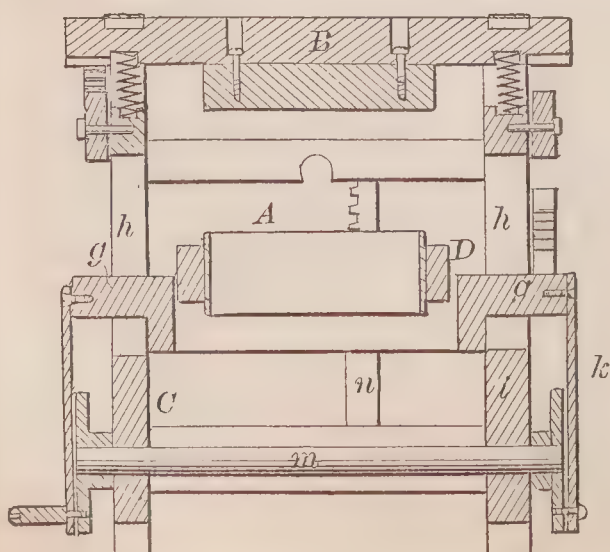
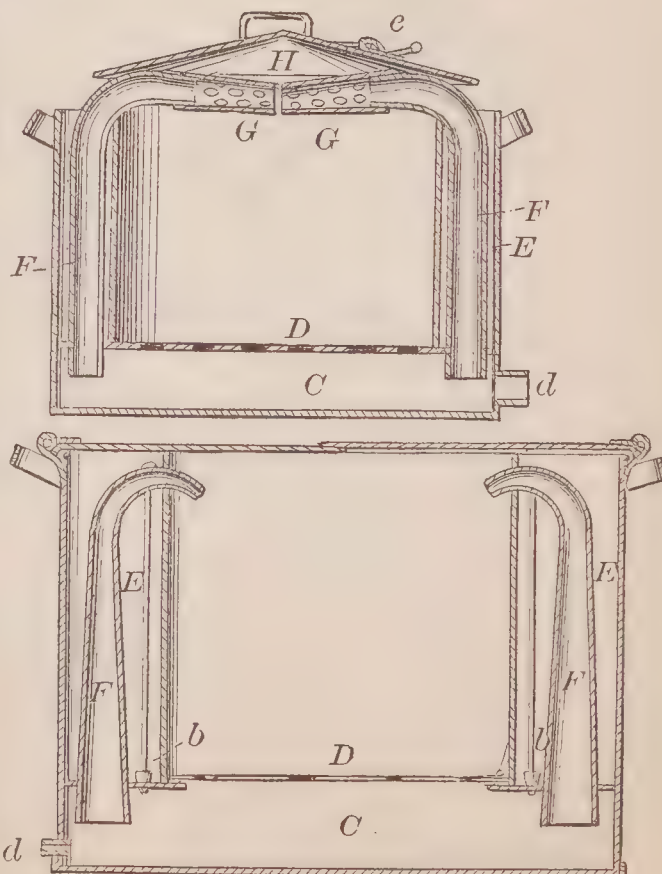
82707—H. C. Glasgow—*Car Coupling.*



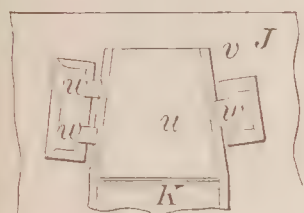
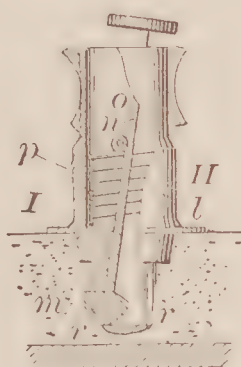
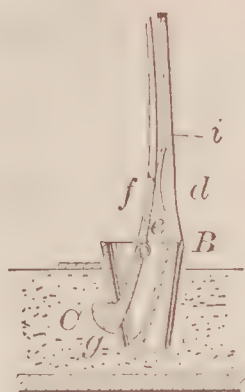
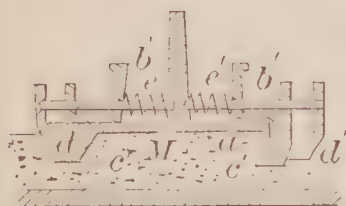
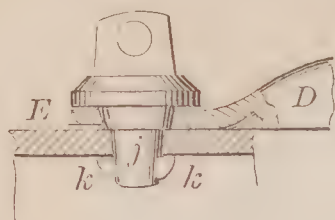
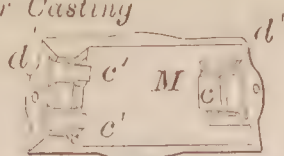
82706—E. H. Gillman—  
*Sleigh.*



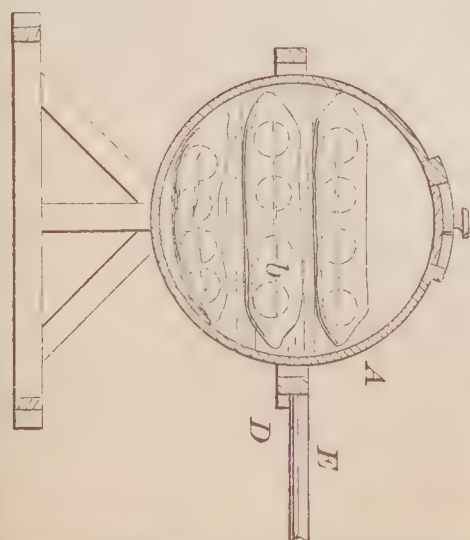
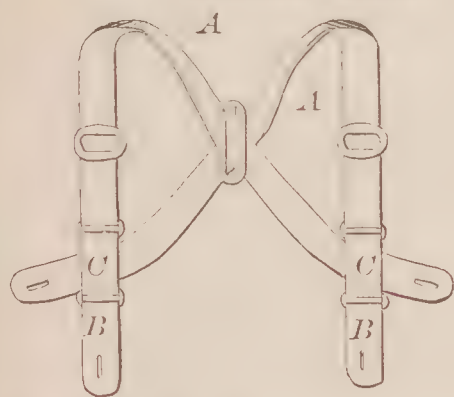


82708—H. C. Glasgow—*Car Coupling.*82709—Gordon & Pettengill—*Buckle.*82711—R. C. Grover—*Edge Tool.*82712—T. Grindmann—*Manufacture of Vinegar.*82710—F. Grenier—*Dough Mixer.*82714—A. O. H. Hardenstein—*Explosive Projectile.*82716—M. Hobbs—*Sole Cutting Machine.*82713—Hammer & Chadwick—*Wash Boiler.*

82715—G. W. Herriek—For Casting Lugs and Doretails.

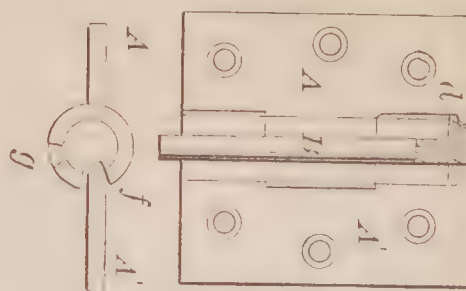


82720—E. Jennings, Jr.—Suspender and Shoulder Brace.

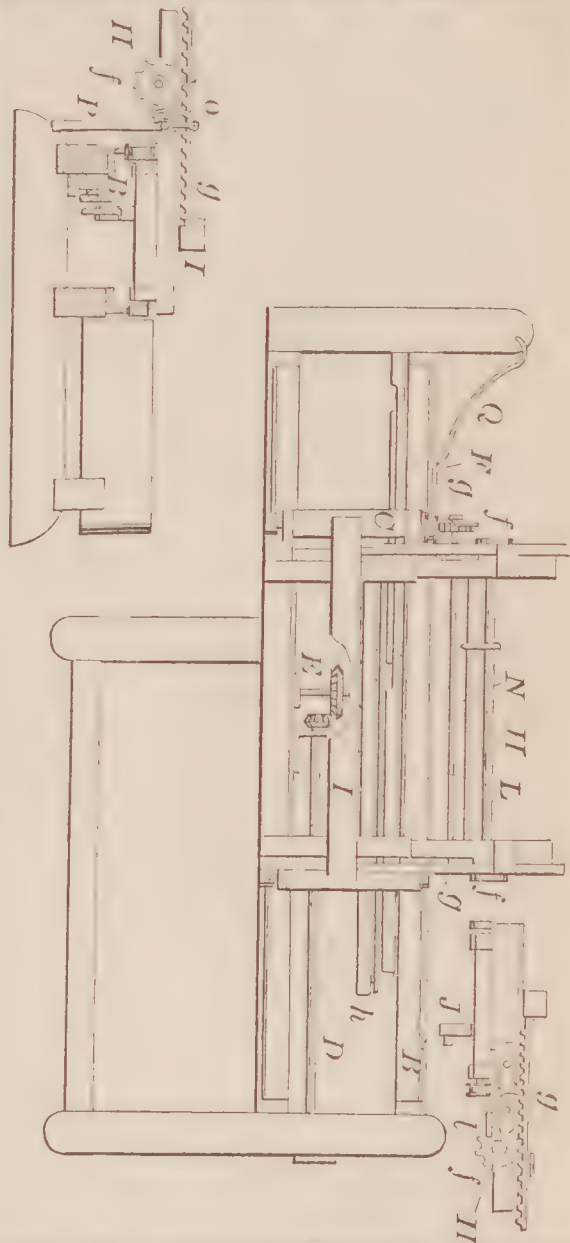


82722—J. S. Kelly—Washing Machine.

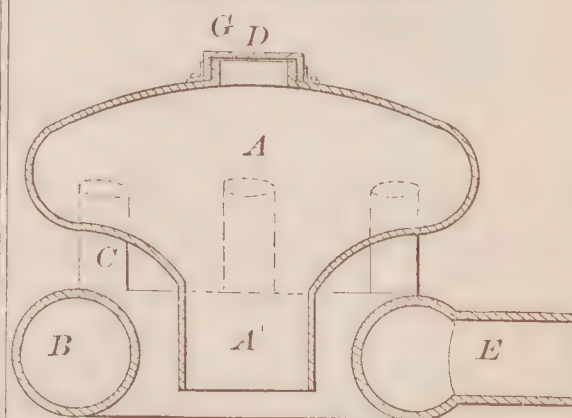
82717—H. Hockemeyer—Butt Hinge.



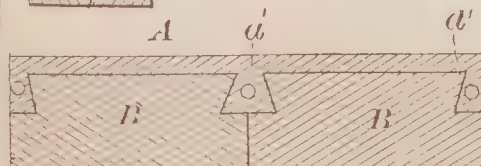
82718—J. Holmes—Stave Machine.



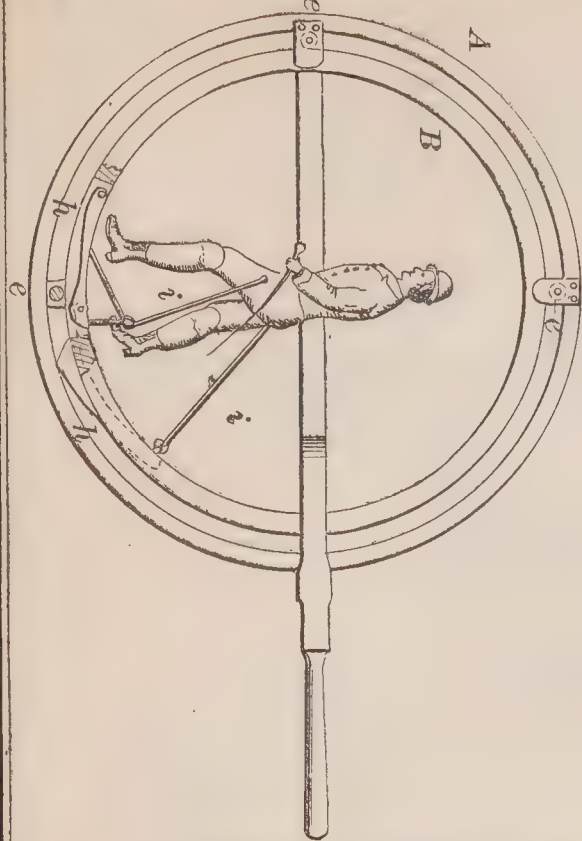
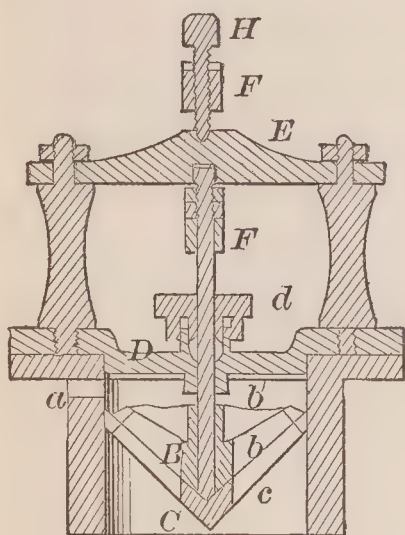
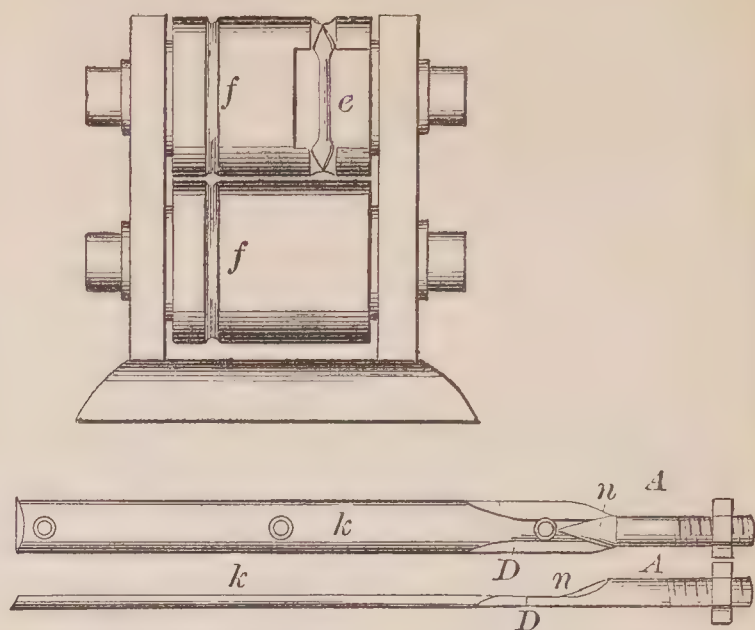
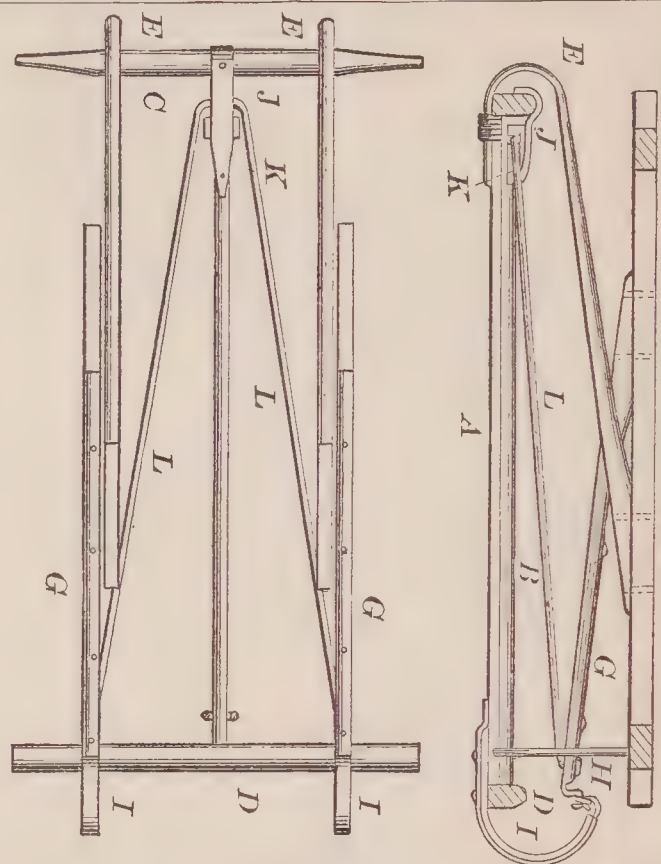
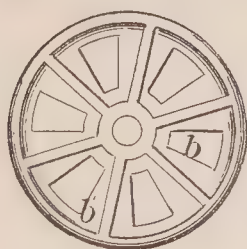
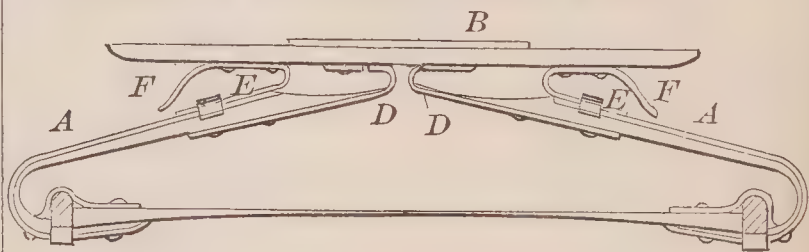
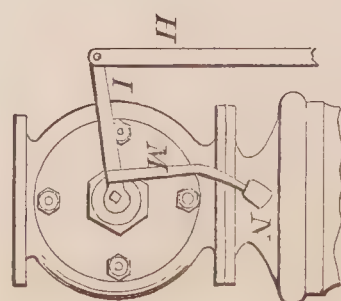
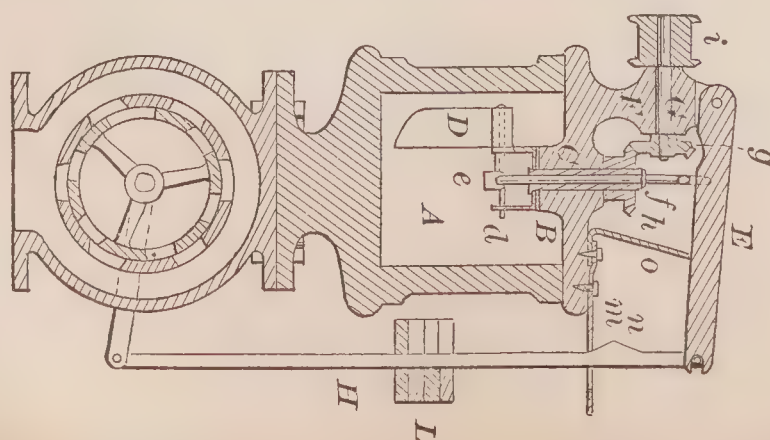
82723—J. H. Keyser—Drum for Hot Air Furnaces.



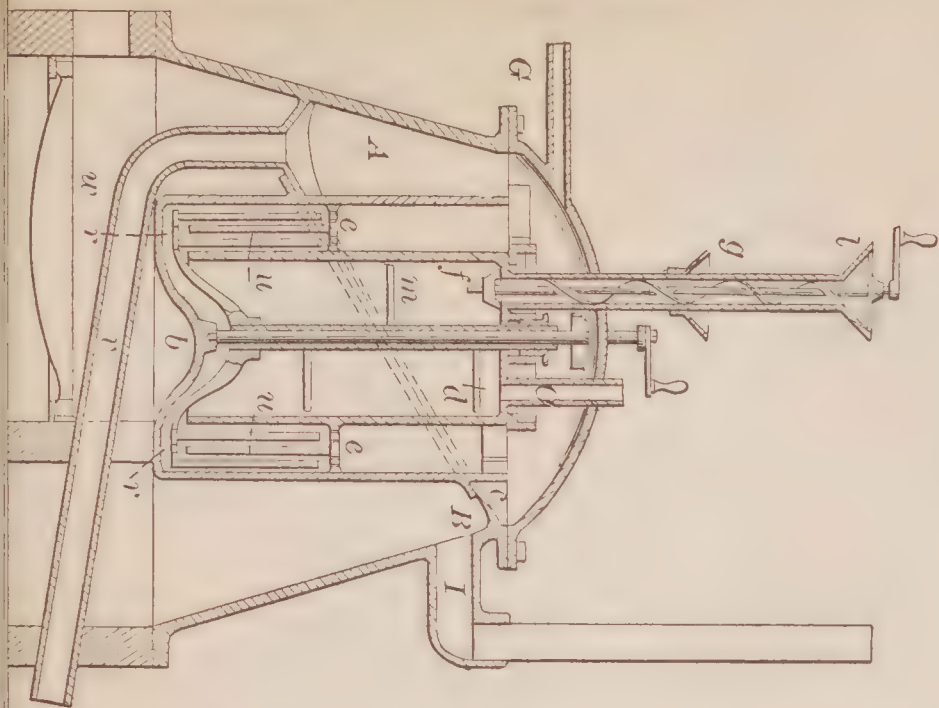
82721—L. F. Johnson—Furnace Door.



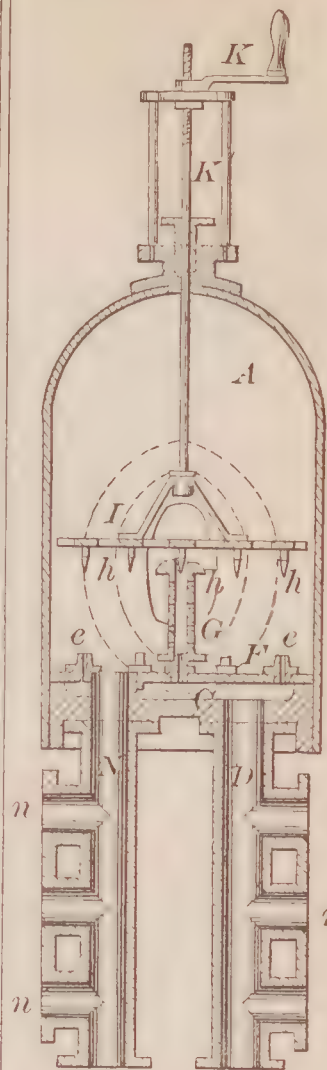


82724—J. L. Lay—*Toy Hoop.*82725—Lewis & Oliver—*Strap Bolt.*82728—K. H. Loomis—*Steam Engine Valve.*82726—J. R. Locke—*Carriage Spring.*82727—J. R. Locke—*Carriage Spring.*82729—J. A. Marden—*Steam Engine Governor.*

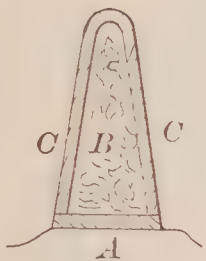
82730—Mariner & Kune—*Amalgamator.*



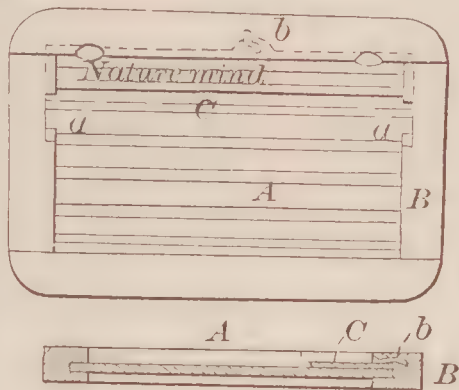
82732—J. G. Marshall—*For Bleaching and Cleansing Yarn.*



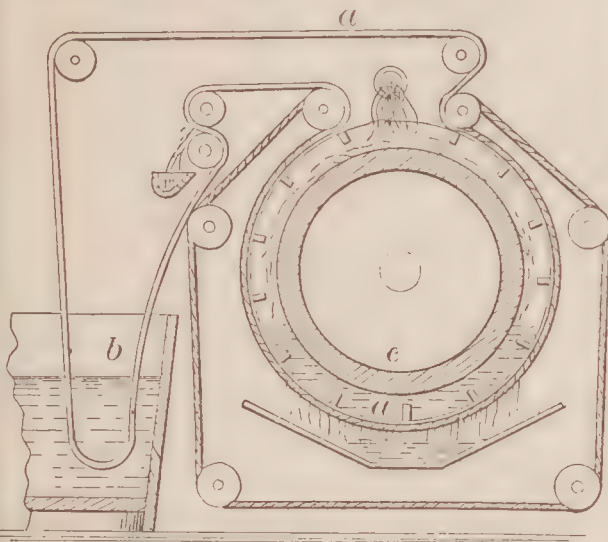
82733—N. Maxon—*Fence.*



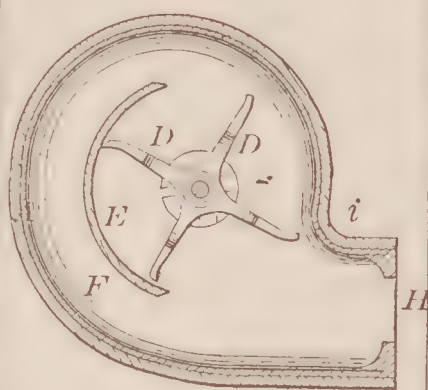
82734—F. Melville—*School Slate.*



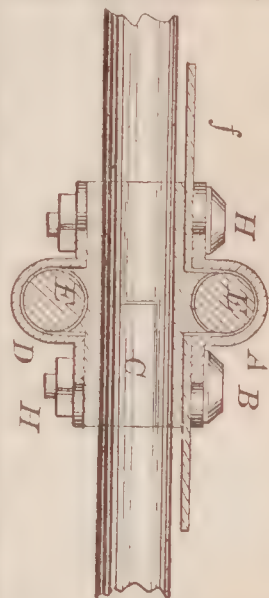
82735—H. Merrill—*Filter.*



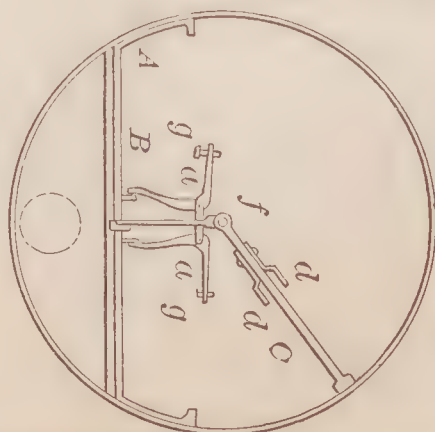
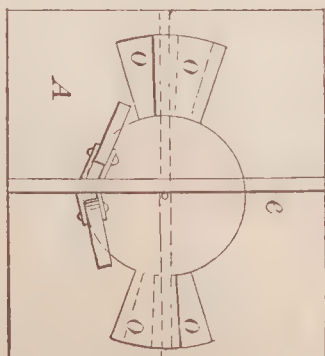
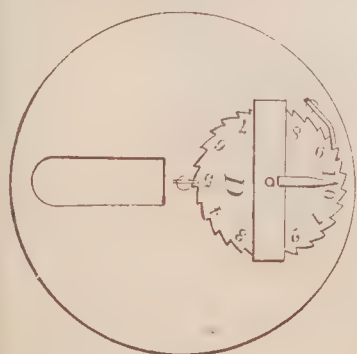
82736—J. Mitchell—*Rotary Blower.*



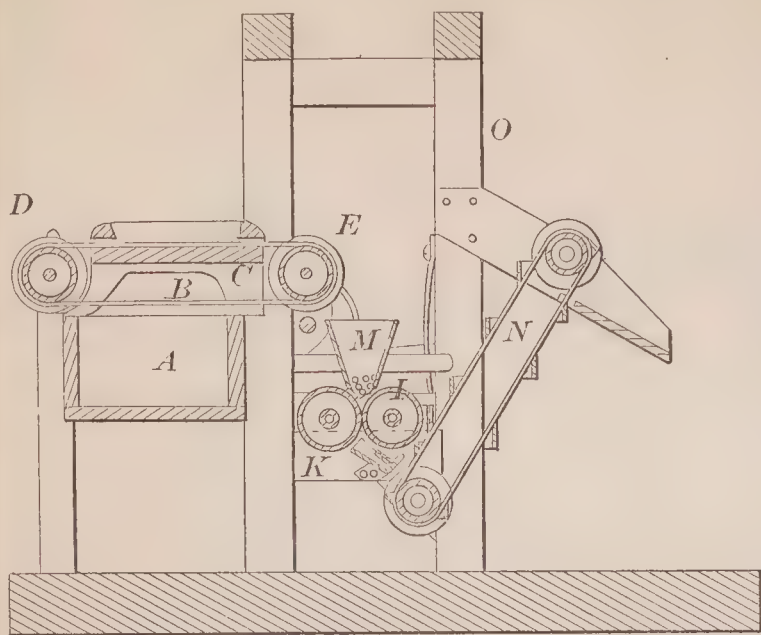
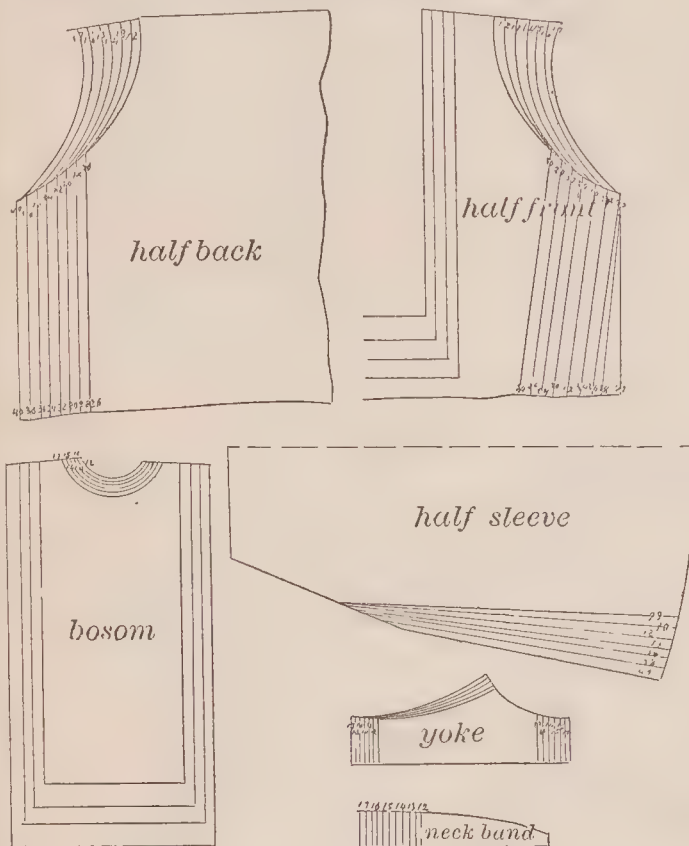
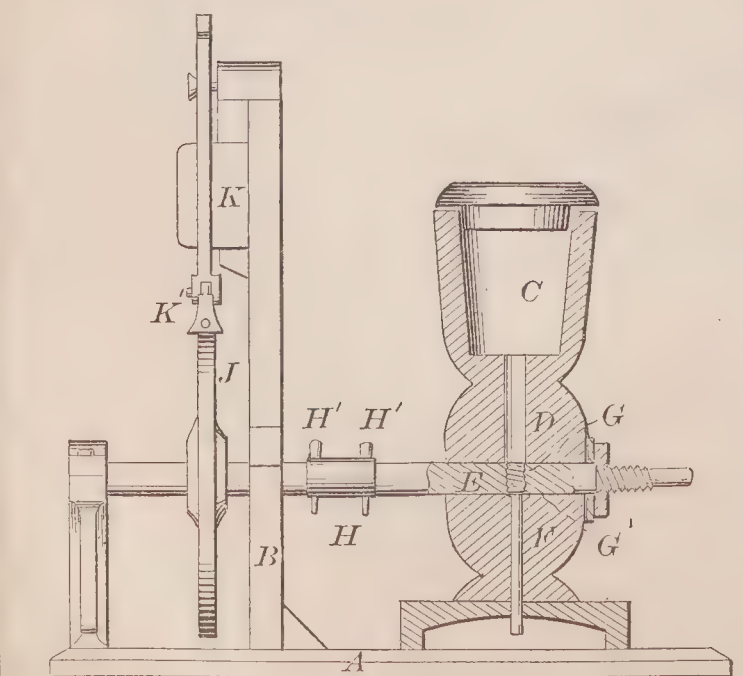
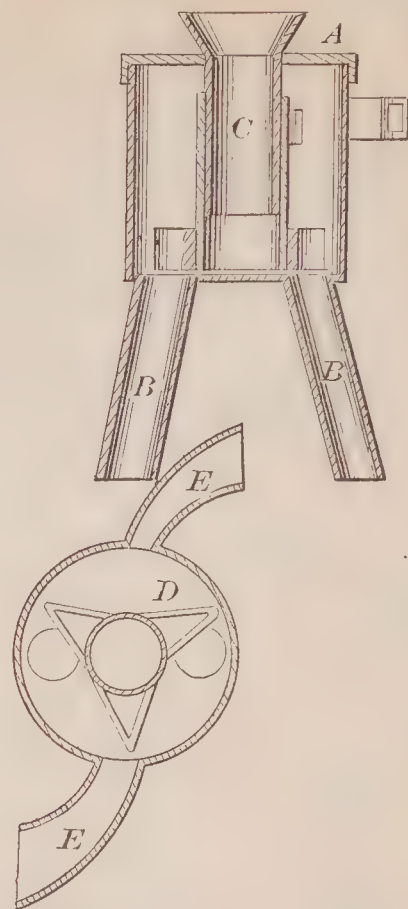
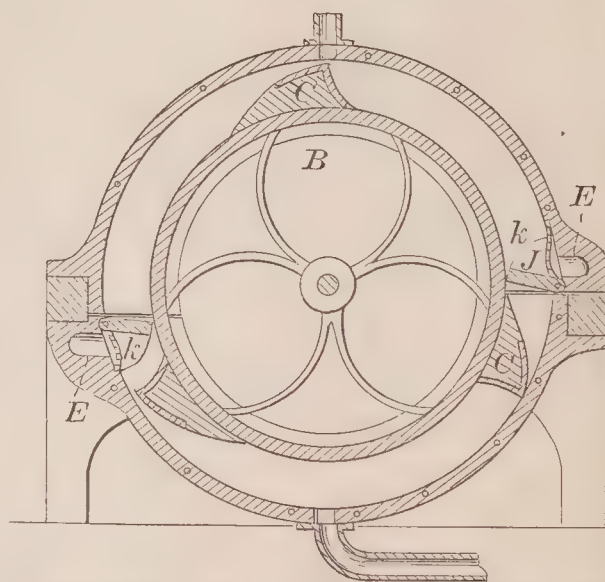
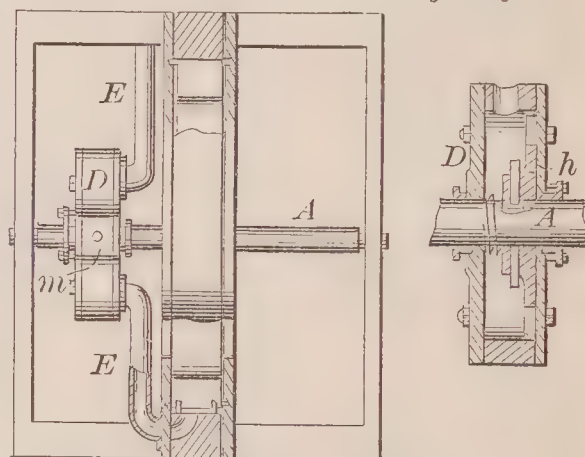
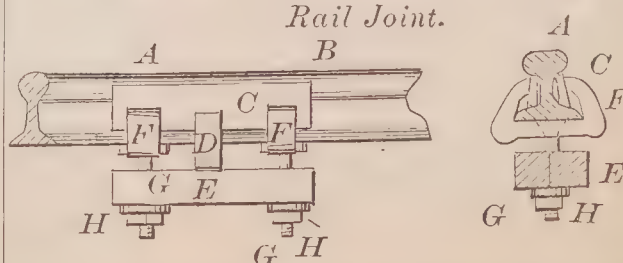
82738—J. M. Moorehead—*Clamp.*

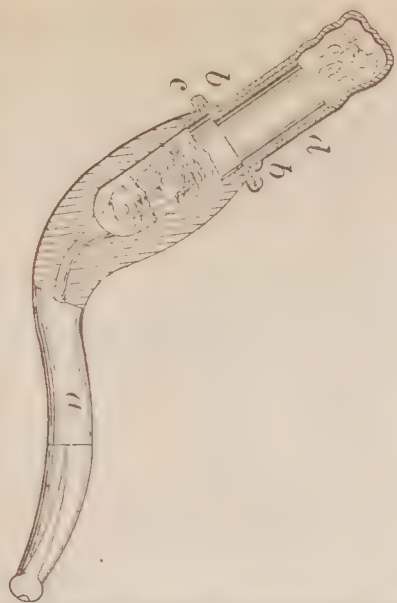


82737—G. R. Moore—*Water Meter.*



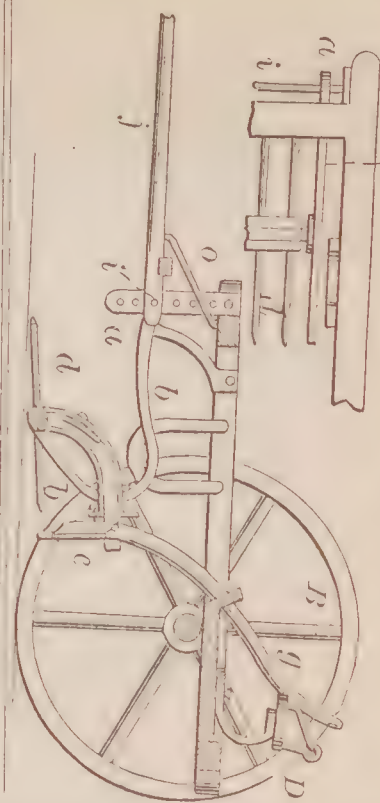
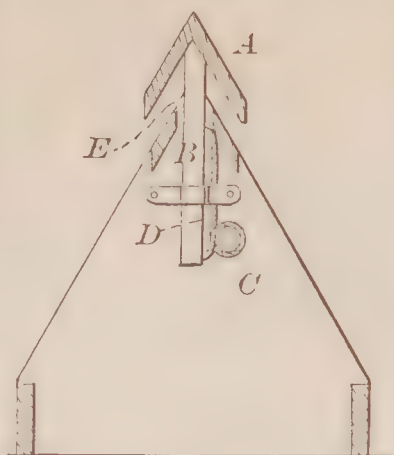


82739—C. H. Moseley—*For Desiccating Leached Tan.*82740—J. H. Myers—*Shirt Pattern.*82745—J. Pattison—*Quicksilver Feeder for Quartz Mills.*82741—J. Nairn—*Feeding and Cooling Device for Grain Mills.*82742—E. Osborn—*Rotary Engine.*82744—E. G. Patterson—*Railway Rail Joint.*



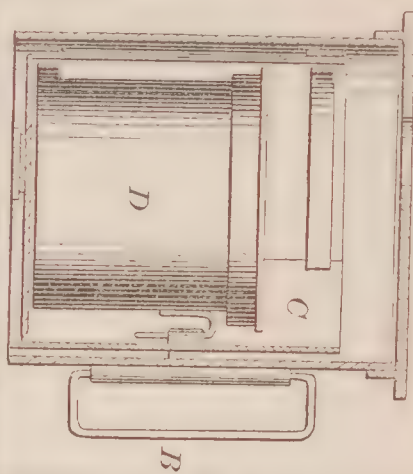
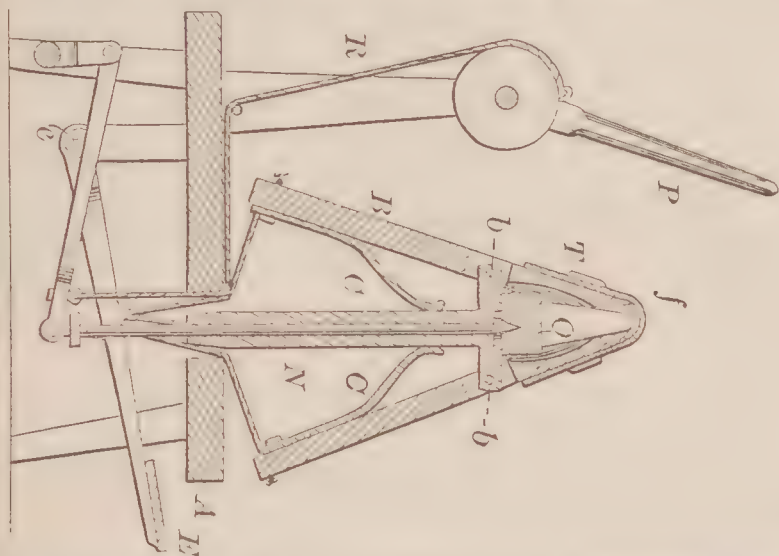
82743—A. A. Patti—Cigar Pipe.

82746—J. & J. Peckham—Ventilator.



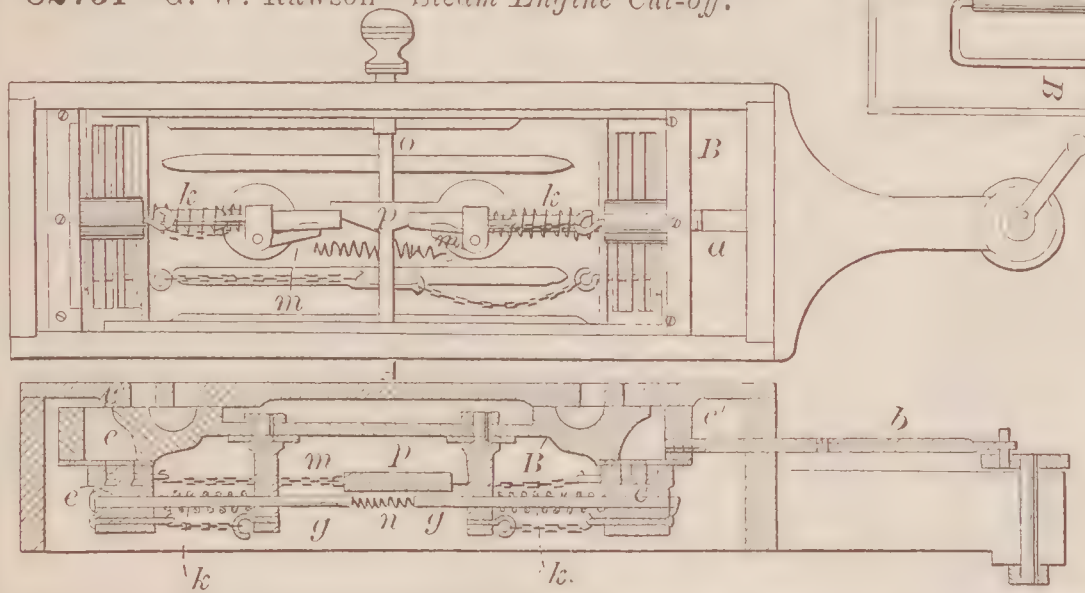
82749—P. Prescott—Horse Hay Rake.

82748—S. Polley—For Blocking Hats.



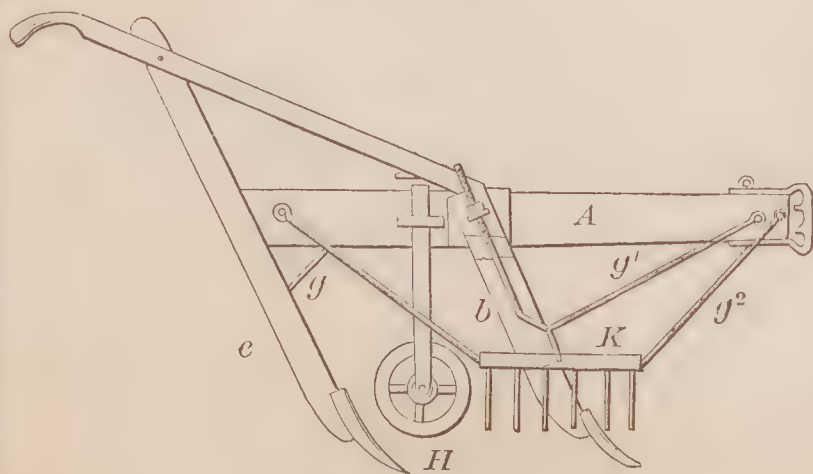
82750—G. W. Putnam—Lantern.

82751—G. W. Rawson—Steam Engine Cut-off.

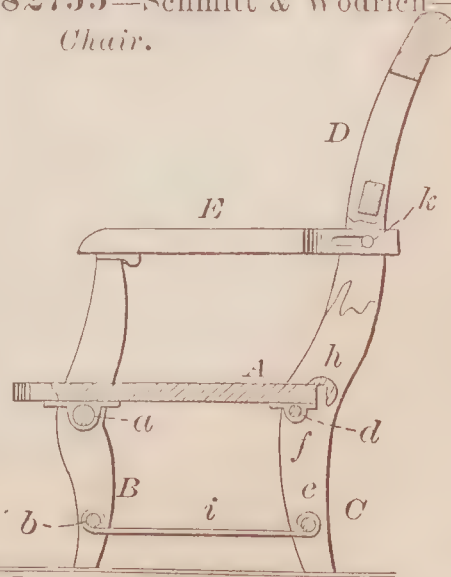


82752—H. Richmond—Match Safe.

82753—W. Rodgers—Cultivator.

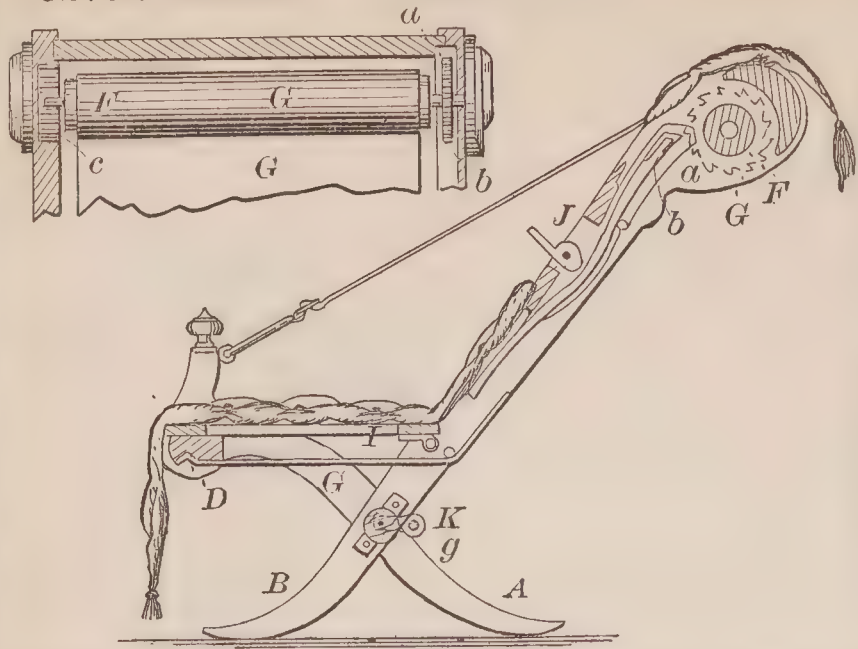


82755—Schmitt & Wodrich—Chair.

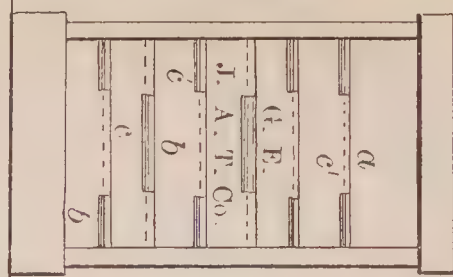




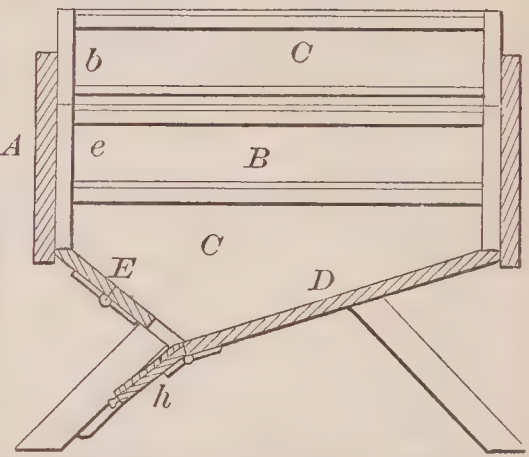
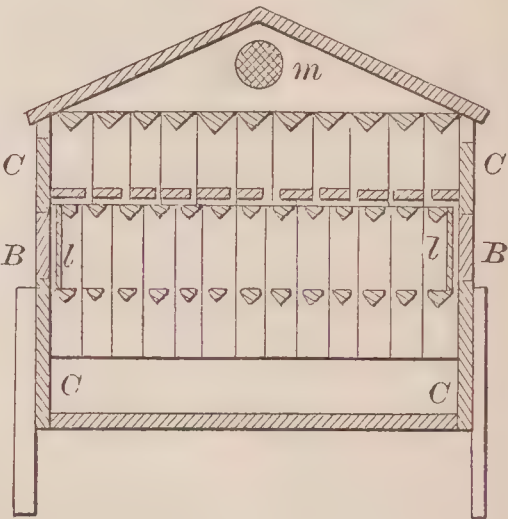
82754—Schmitt & Wodrich—Chair.



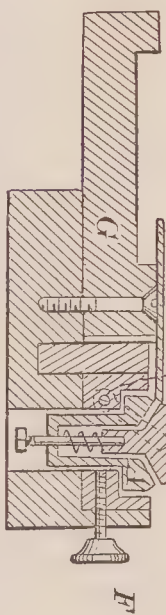
82756—C. H. Seawell—Express Signal.



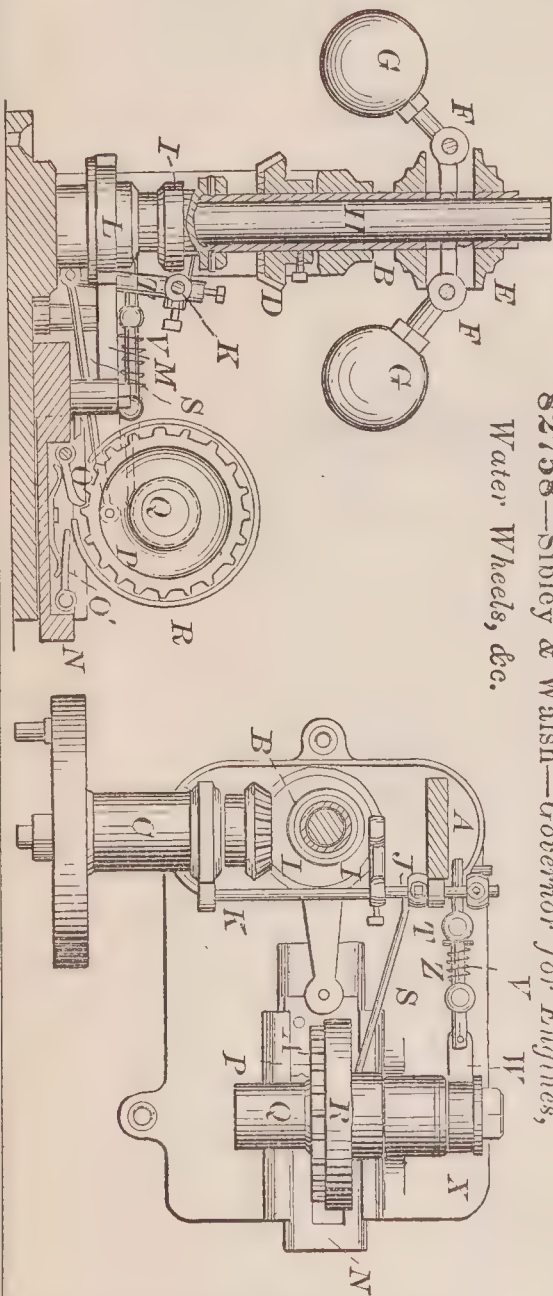
82757—T. Shields—Beehive.



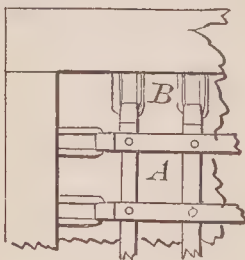
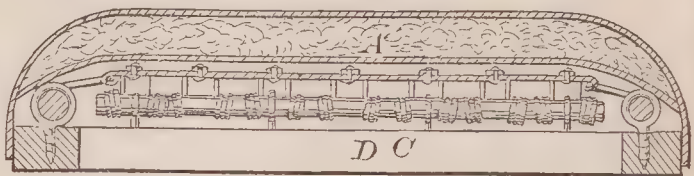
82759—L. T. Smart—Saw Set. D



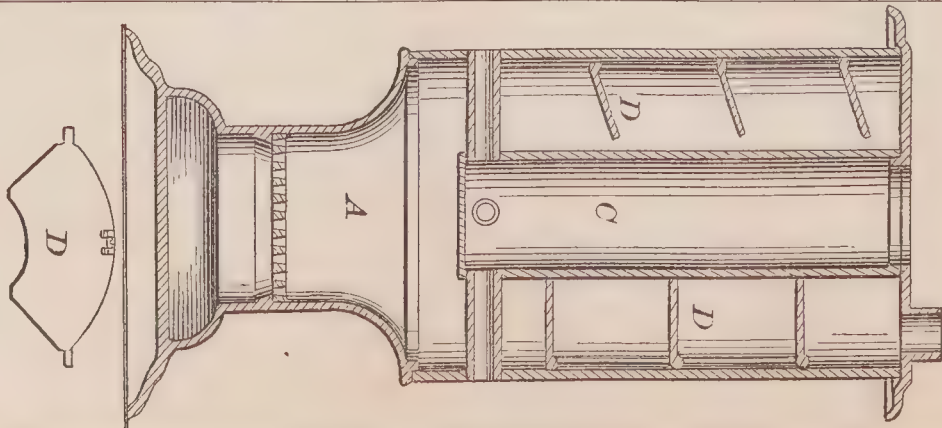
82758—Sibley & Walsh—Governor for Engines, Water Wheels, &c.



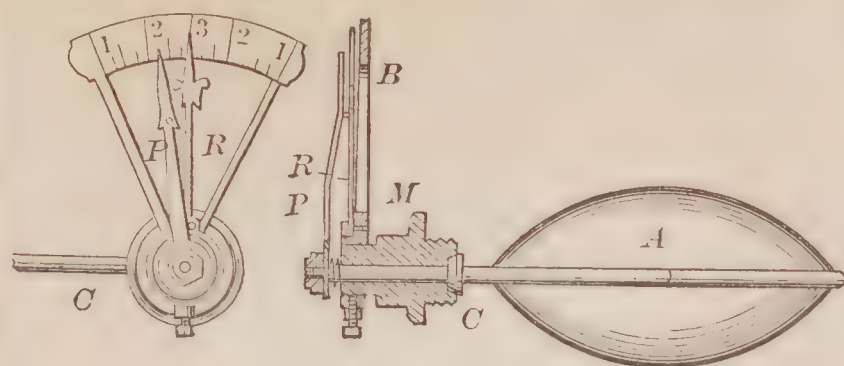
82760—C. B. Smith—Spring Seat.



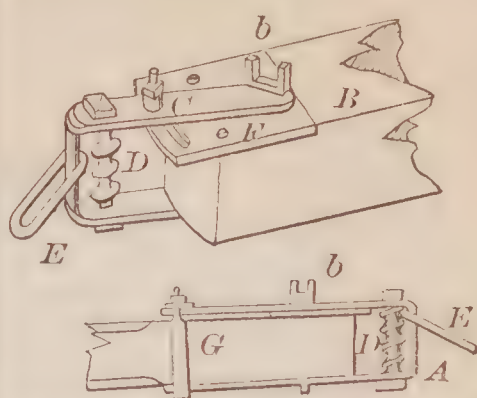
82761—C. D. F. Smith—Stove Drum.



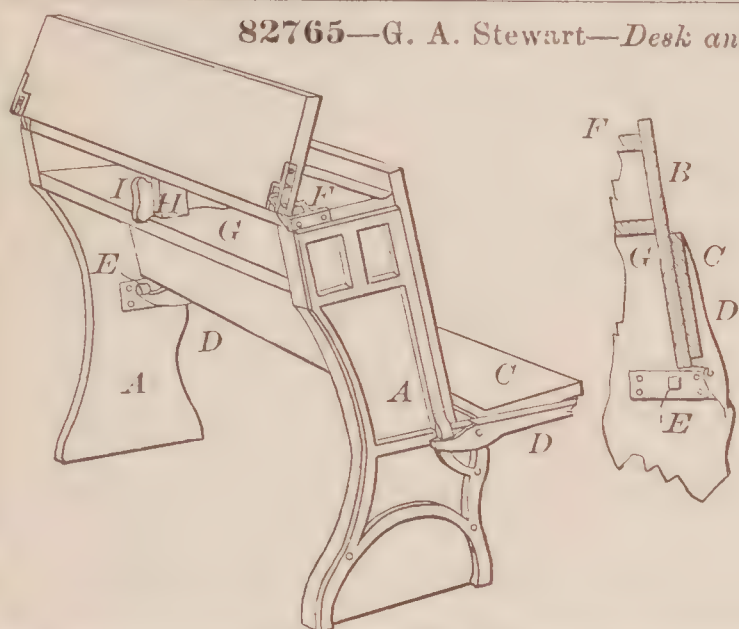
82762—H. P. & H. H. Stafford—*Water Gauge.*



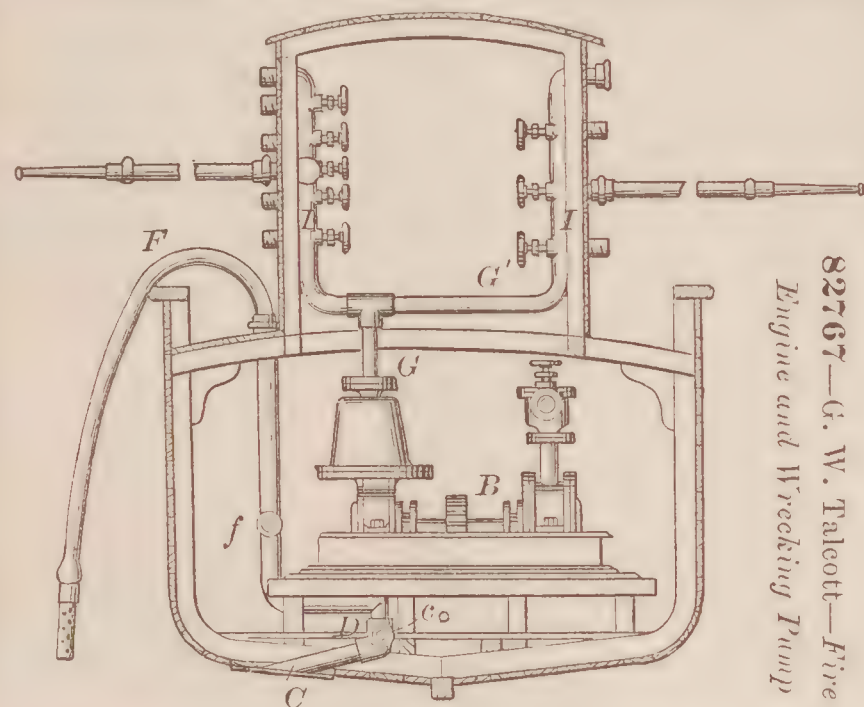
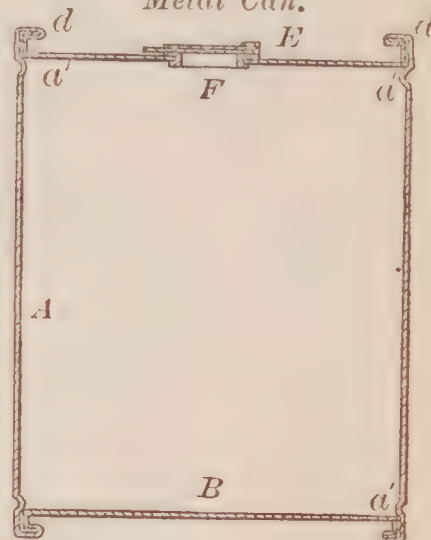
82764—D. Stewart—*Plow Clevis.*



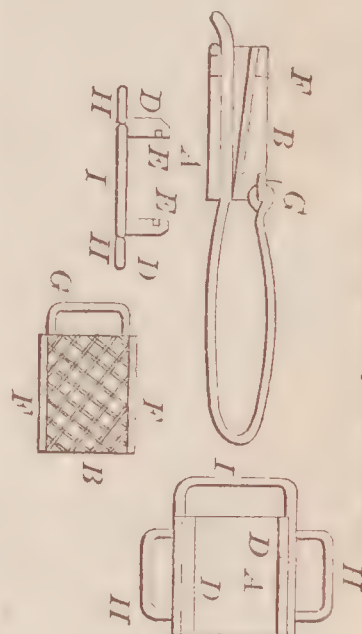
82765—G. A. Stewart—*Desk and Seat.*



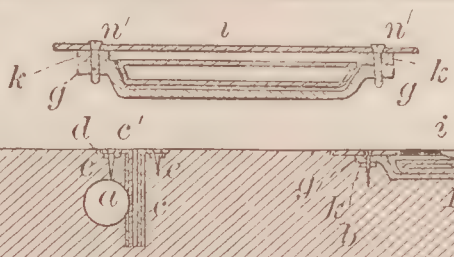
82766—J. H. Stone—*Sheet Metal Can.*



82767—G. W. Talcott—*Fire Engine and Wrecking Pump*

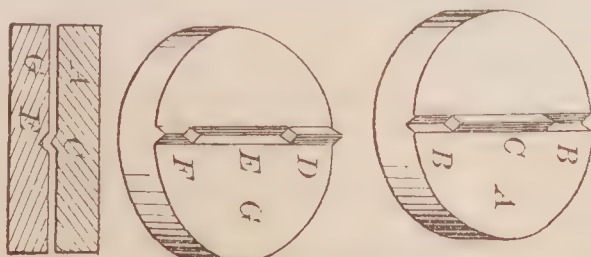


82768—S. A. Tenny—*Buckle.*



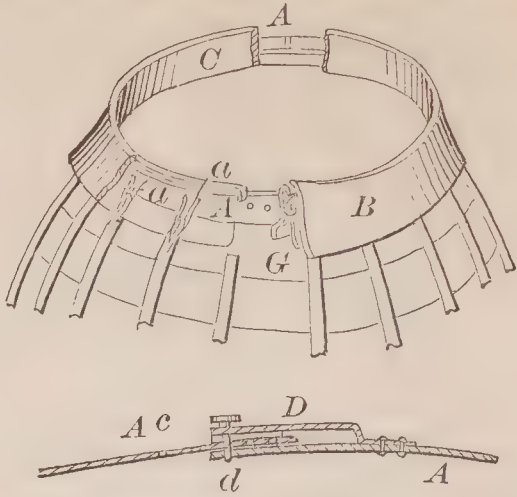
82769—J. A. Traut—*Spirit Level.*

82771—I. Van Hagen—*Die for Stamping Stove Pipe Dampers.*

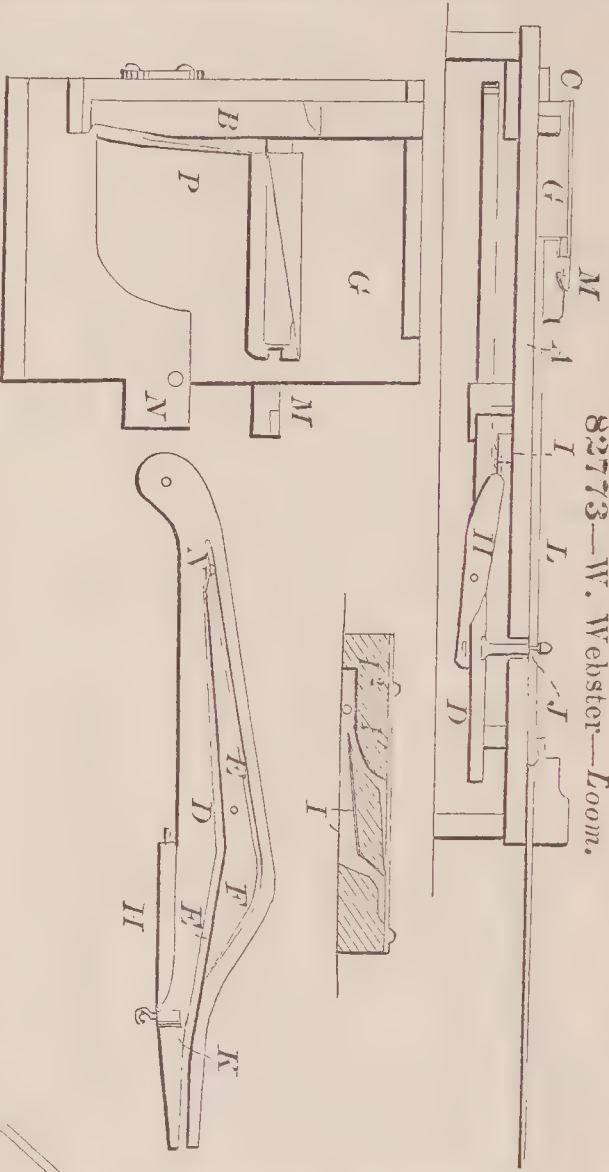
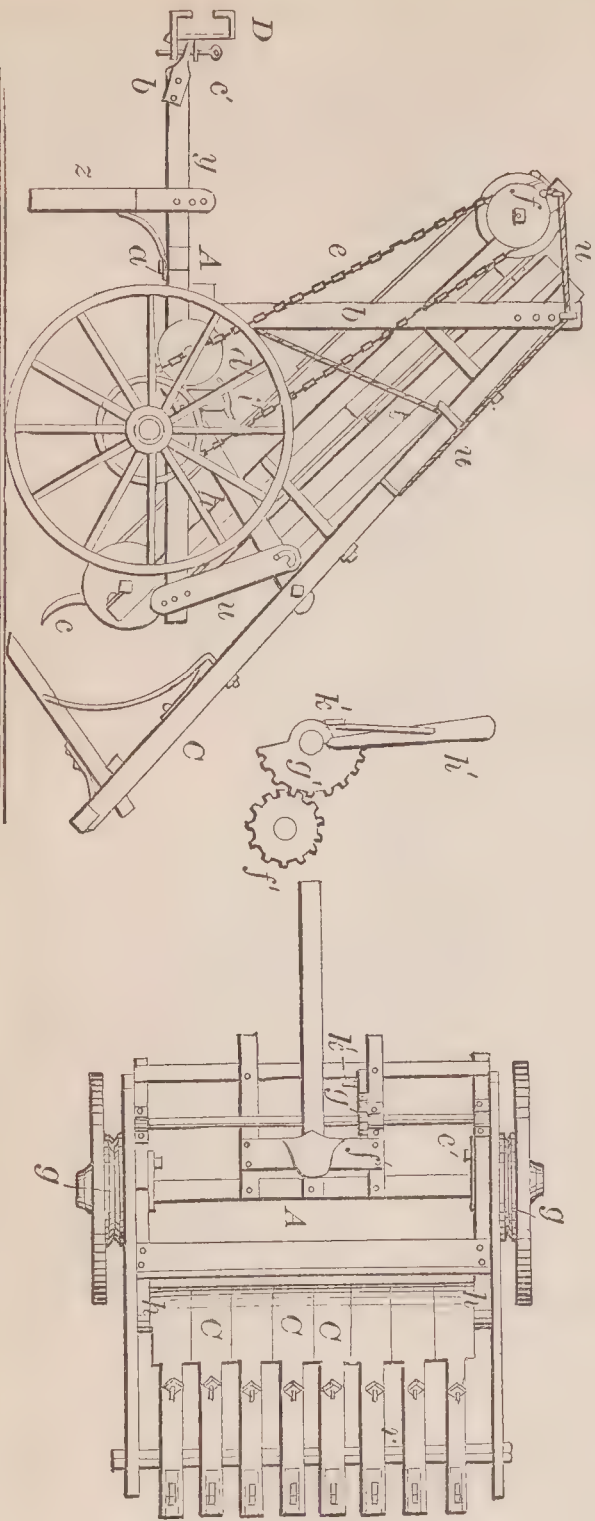




82772—N. A. Vurgason—*Skirt Supporter*.

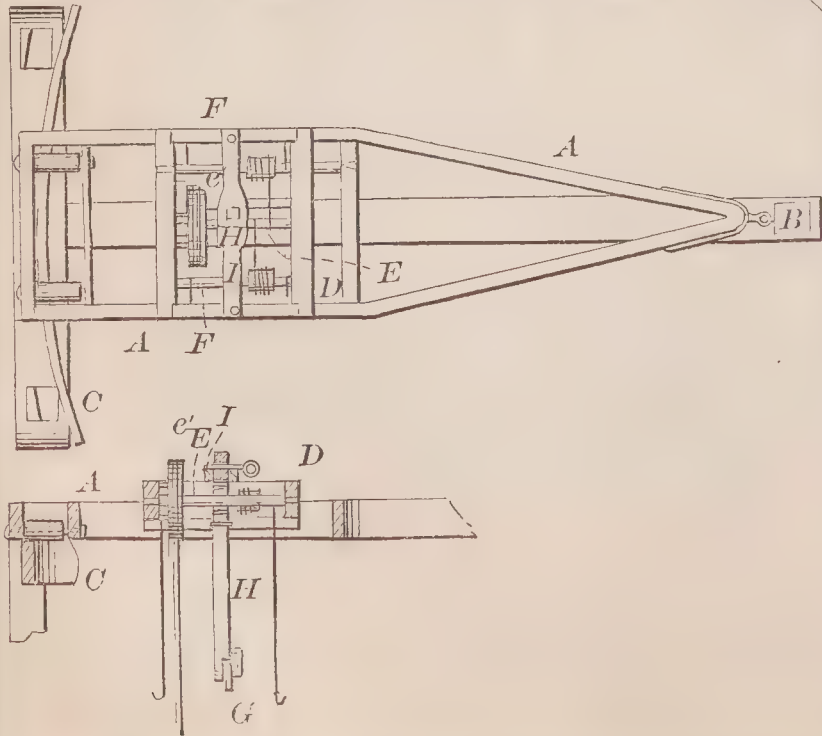


82770—L. Underwood—*Hay Raker and Loader*.

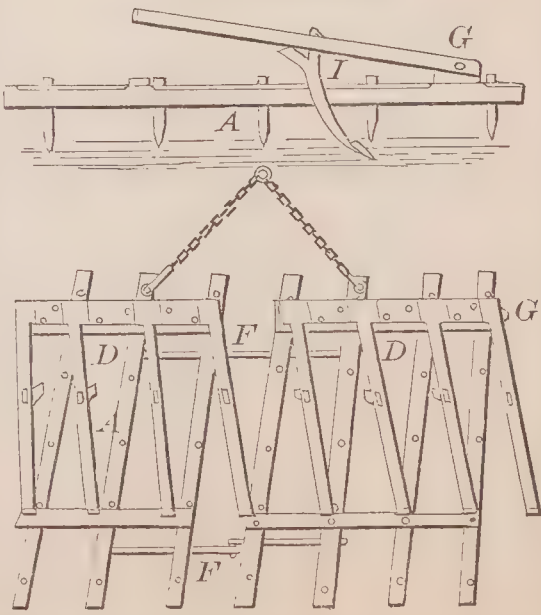


82773—W. Webster—*Loom*.

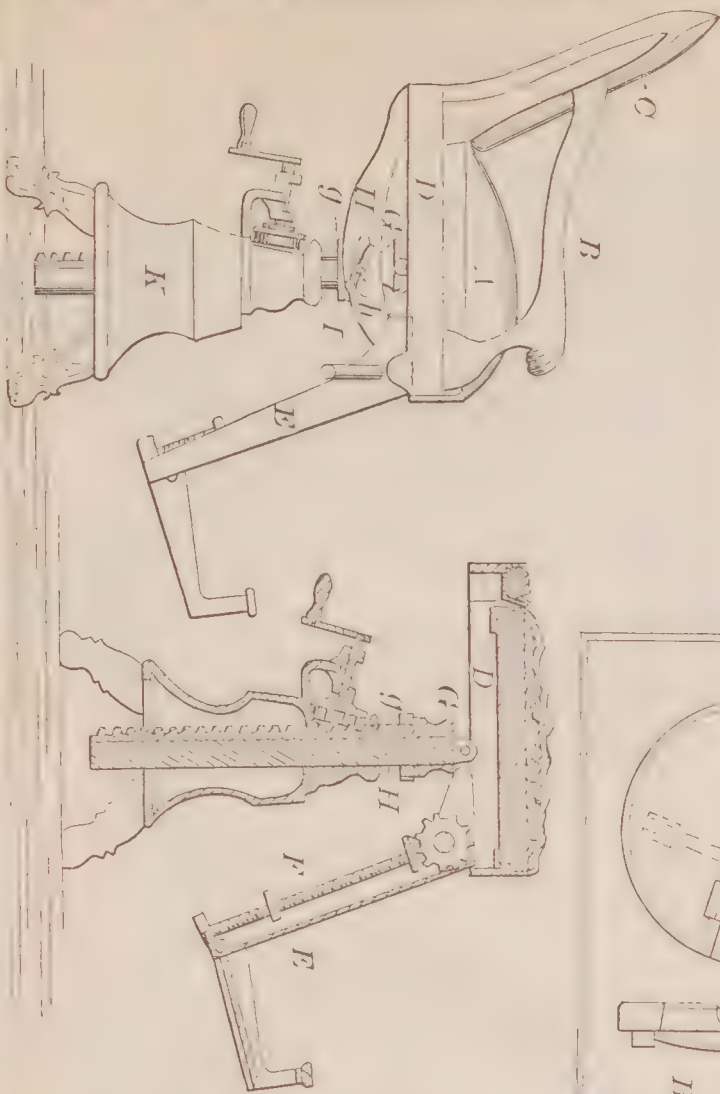
82774—A. J. Weed—*Sugar Pan Derrick*.



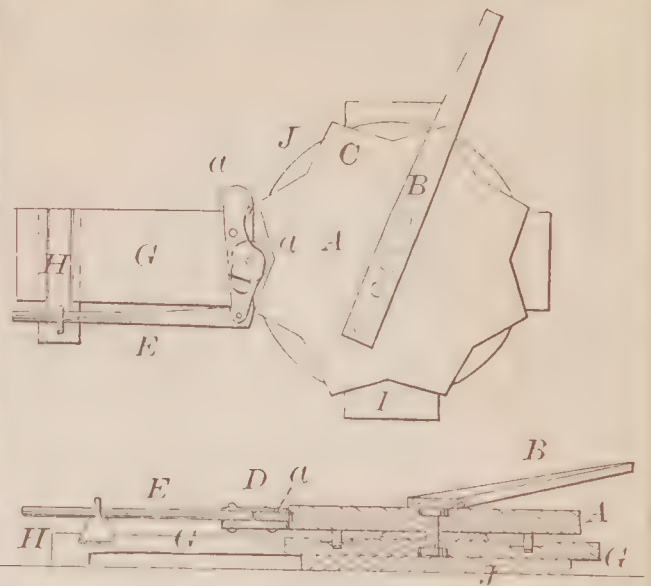
82775—N. W. Wheeler—*Harrow and Cultivator*.



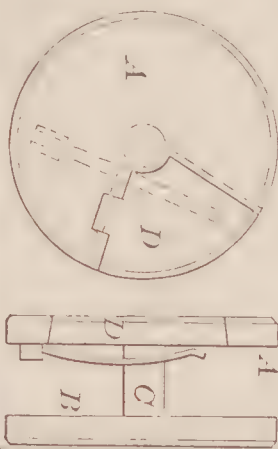
82776—White & Ashmead—*Dentists' Chair.*



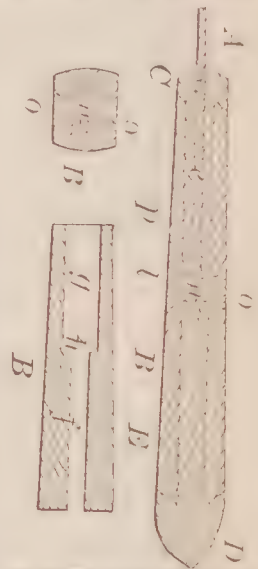
82777—B. H. Wilcox—*Horse Power.*



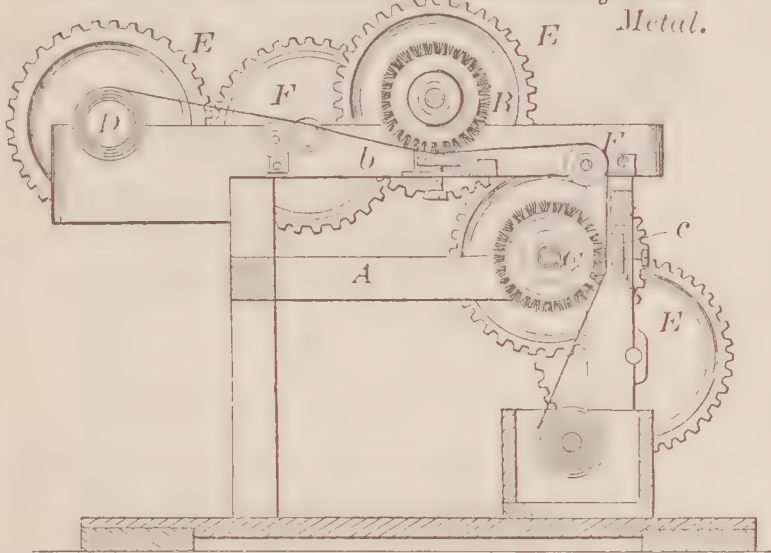
82778—F. Wittram—*Button.*



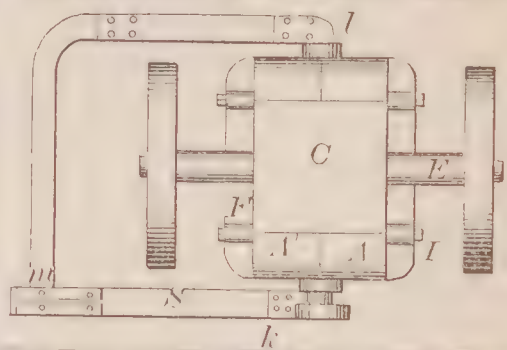
82779—W. J. Woods—*Cutlery.*



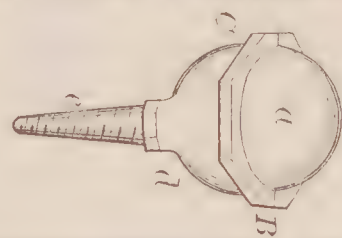
82780—H. B. Wooster—*For Scouring Sheet Metal.*



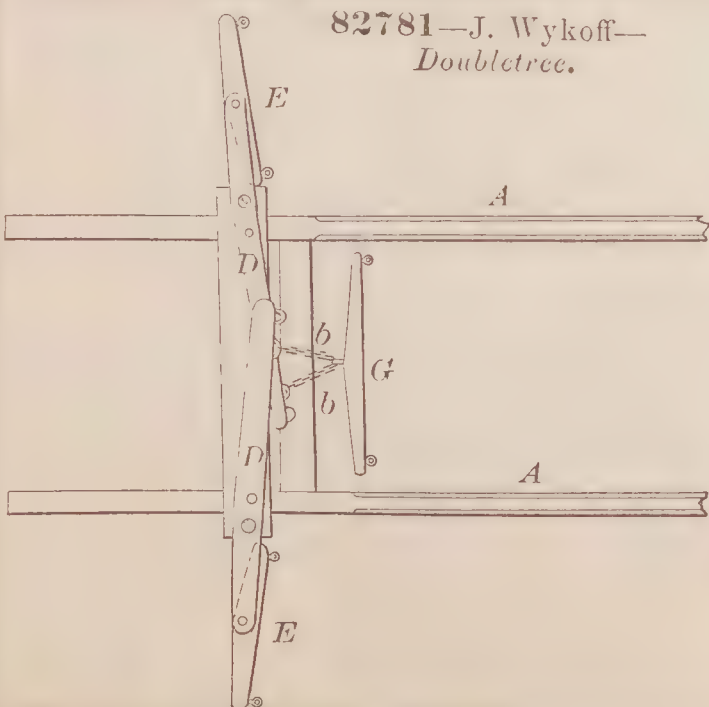
82782—G. W. N. Yost—*Harvester.*



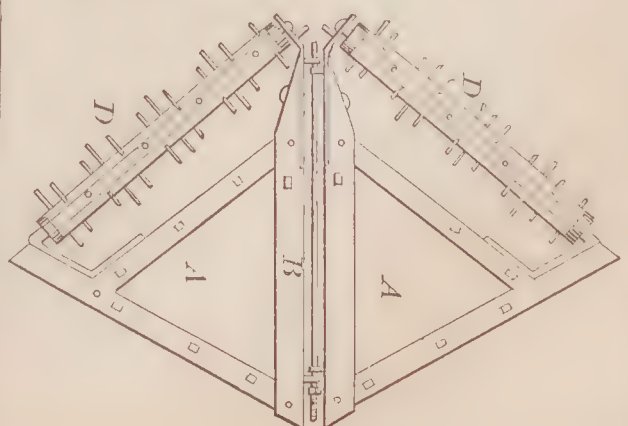
82783—A. T. Adams—*Caster.*



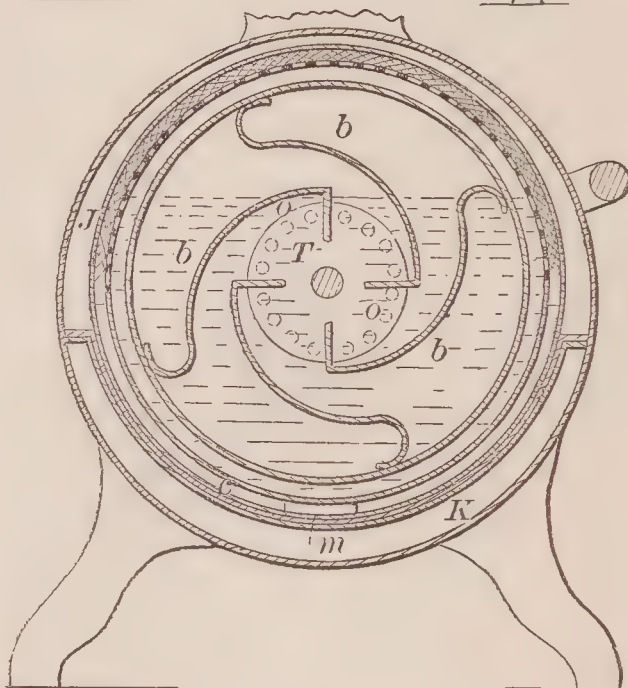
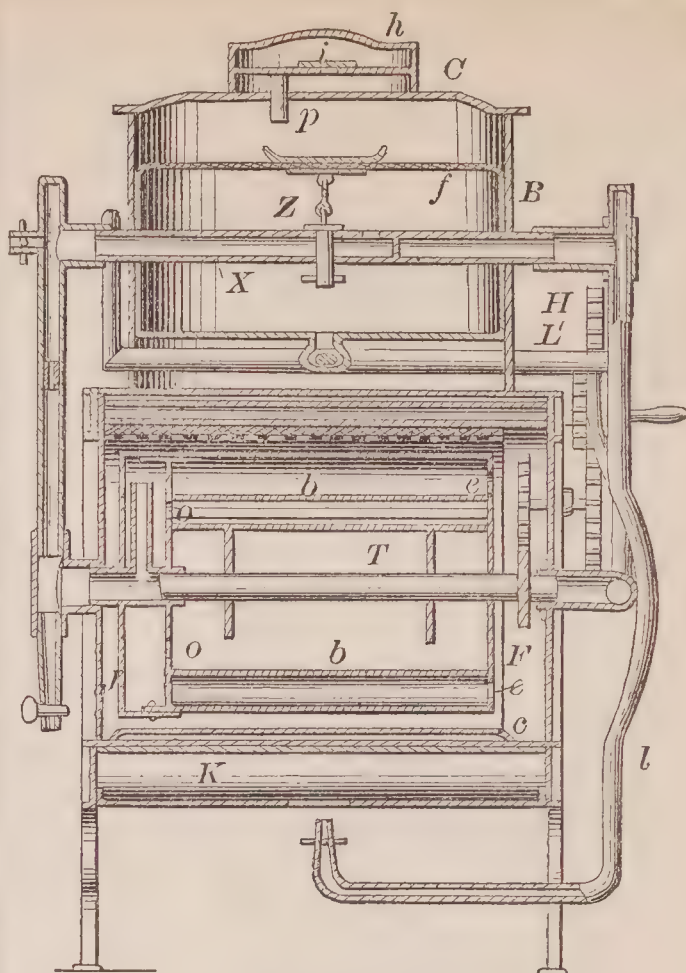
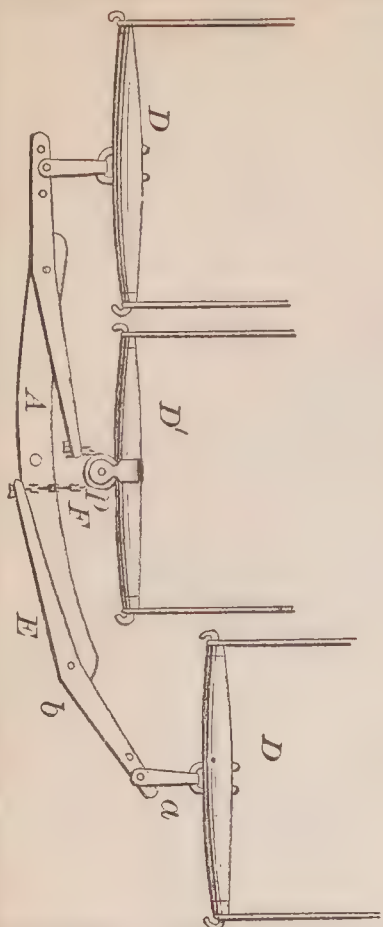
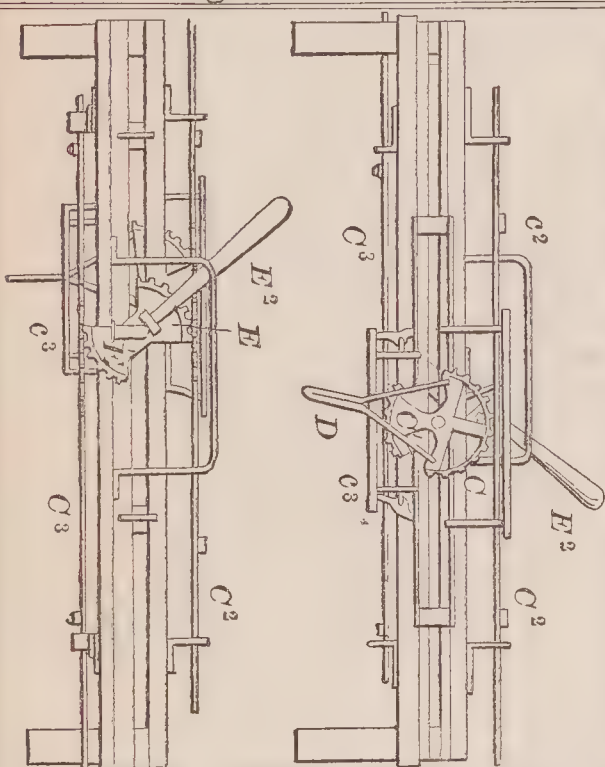
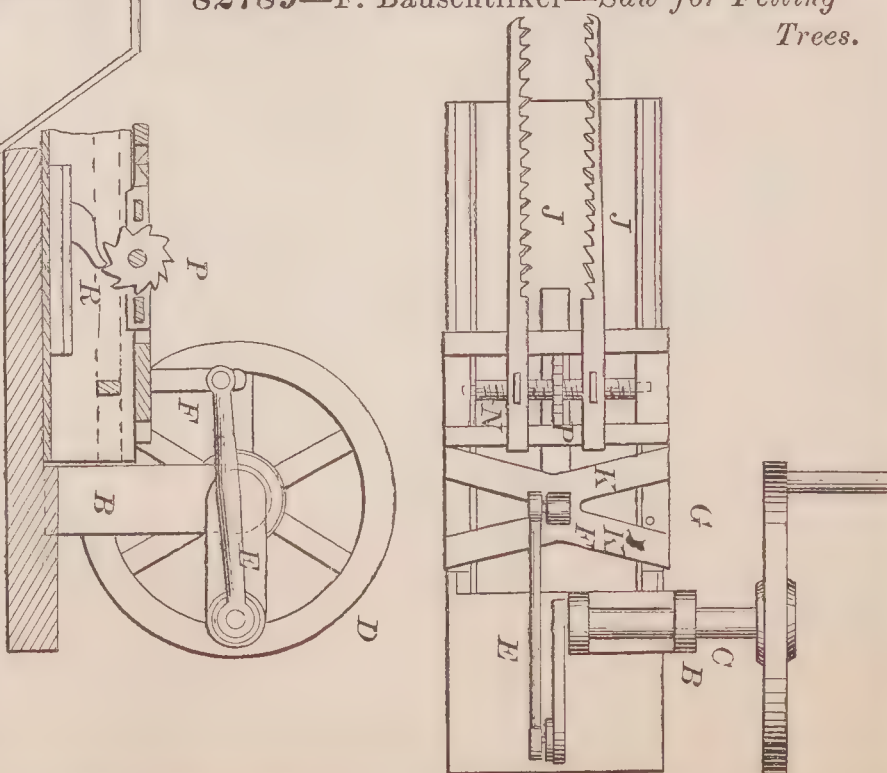
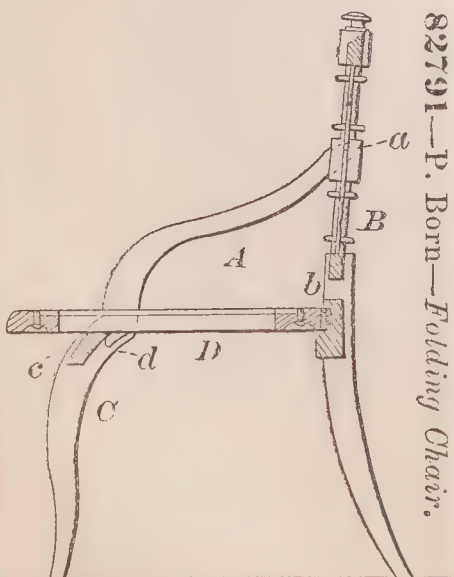
82781—J. Wykoff—*Doubletree.*



82784—T. H. Ashton—*Clod Crusher.*

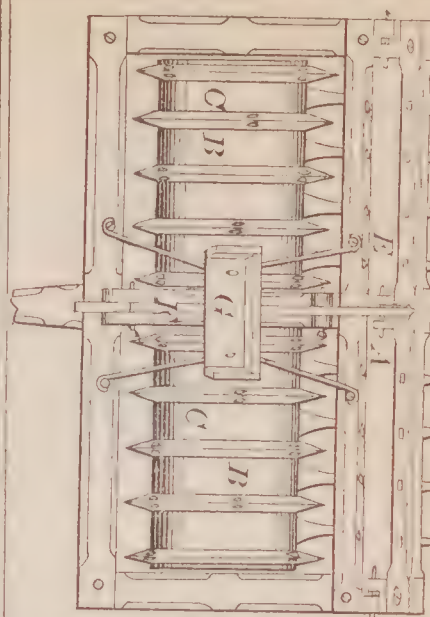
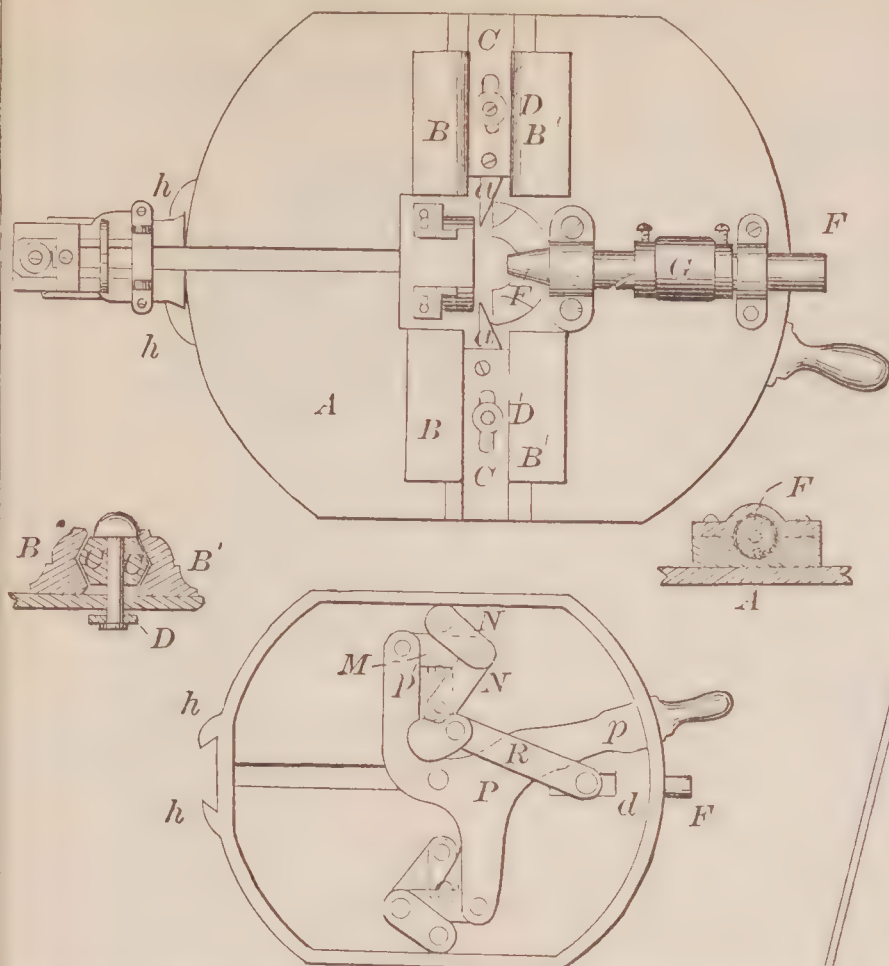




82786—N. W. Bancroft—*Gas Machine.*82785—H. W. Austin—*Equalizing Whiffletree.*82787—E. S. Barnes—*Propelling Apparatus.*82790—T. Blake—*Bushing for Wheels.*82789—F. Bauschtliker—*Saw for Felling Trees.*82791—P. Born—*Folding Chair.*

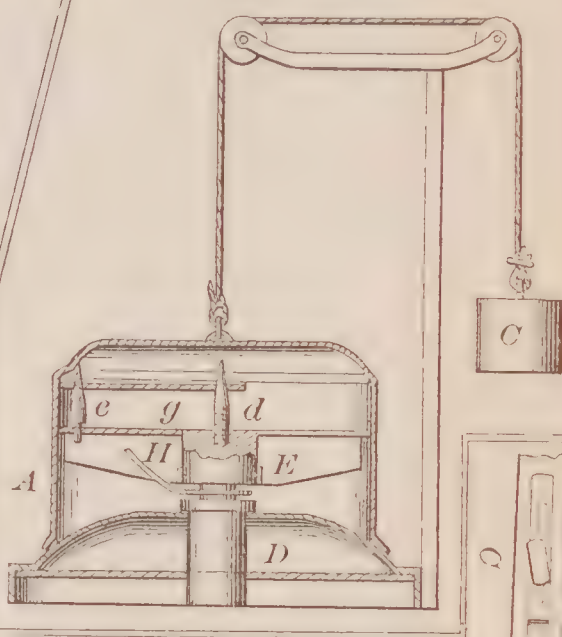


82792—Bowdle, Lawder & Johnston—*For Tenoning Blind Slots.*

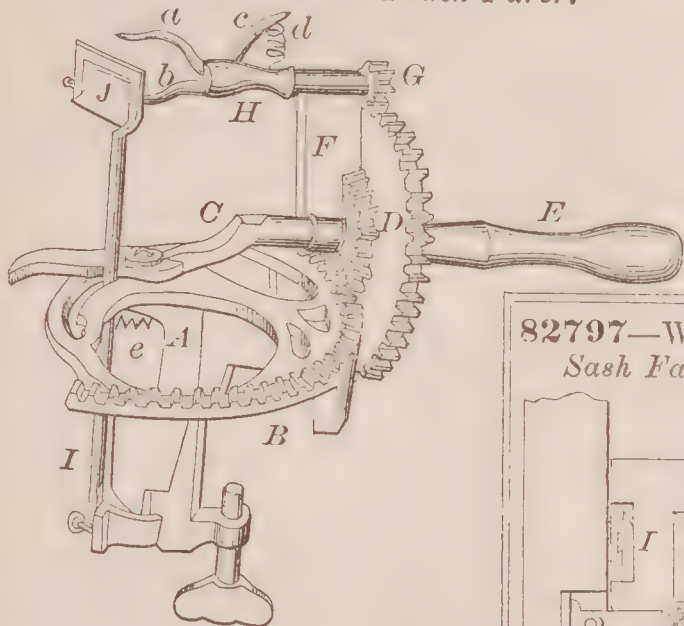


82793—J. Brewer—*Land Roller.*

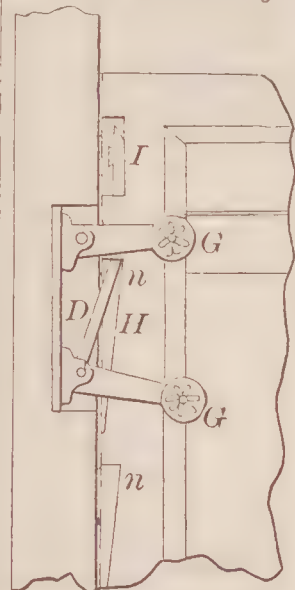
82795—S. S. Brown—*Cheese Cutter and Box.*



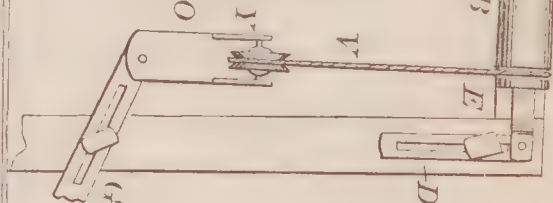
82794—J. H. Brown—*Peach Parer.*



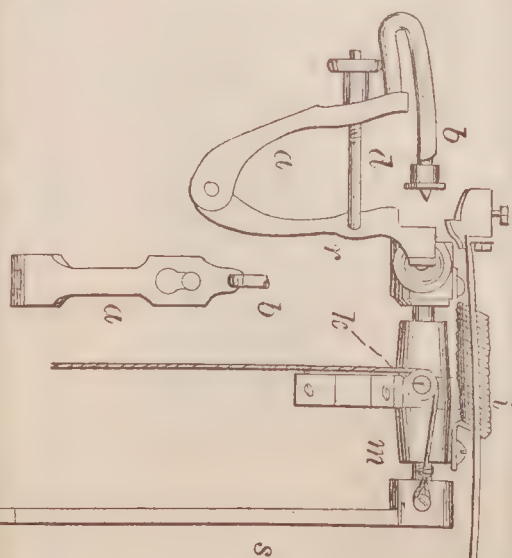
82797—W. Brown—*Sash Fastening.*



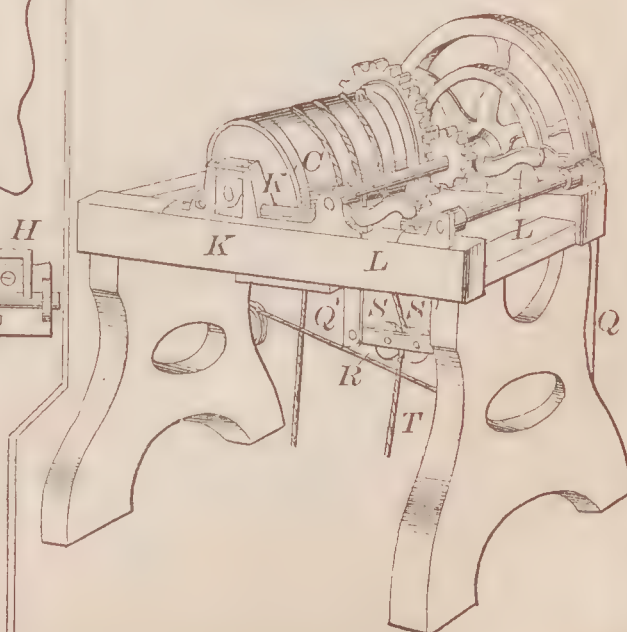
82796—S. S. Brown—*Curtain Fixture.*



82798—B. Q. Budding—*Heel Polishing Machine.*



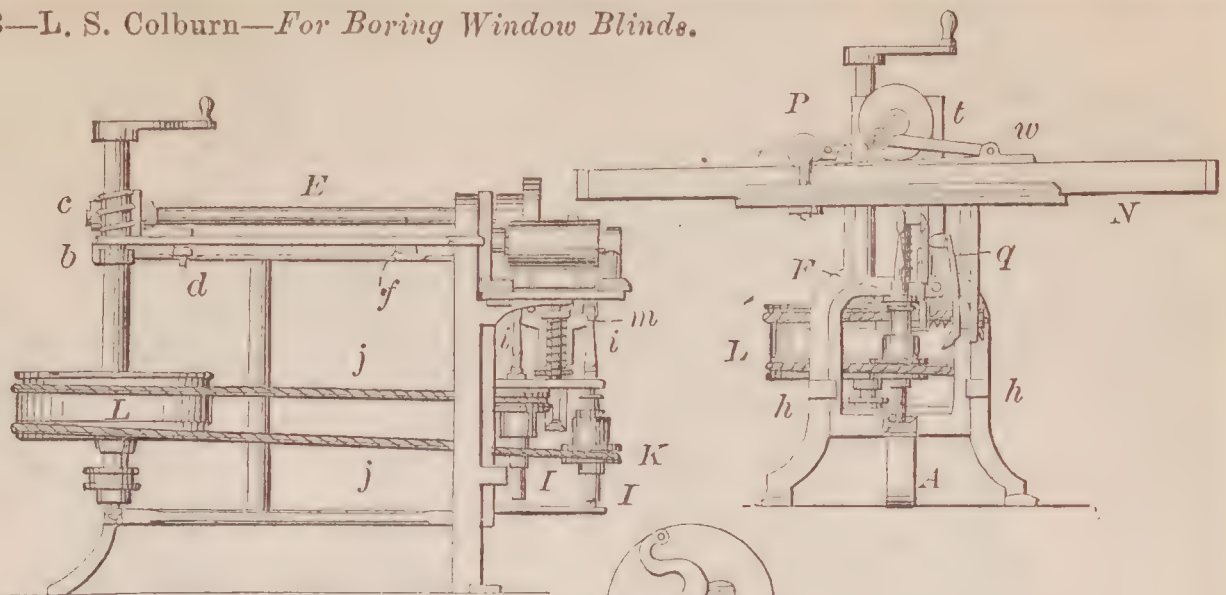
82799—F. P. Canfield—*Hoisting Apparatus.*



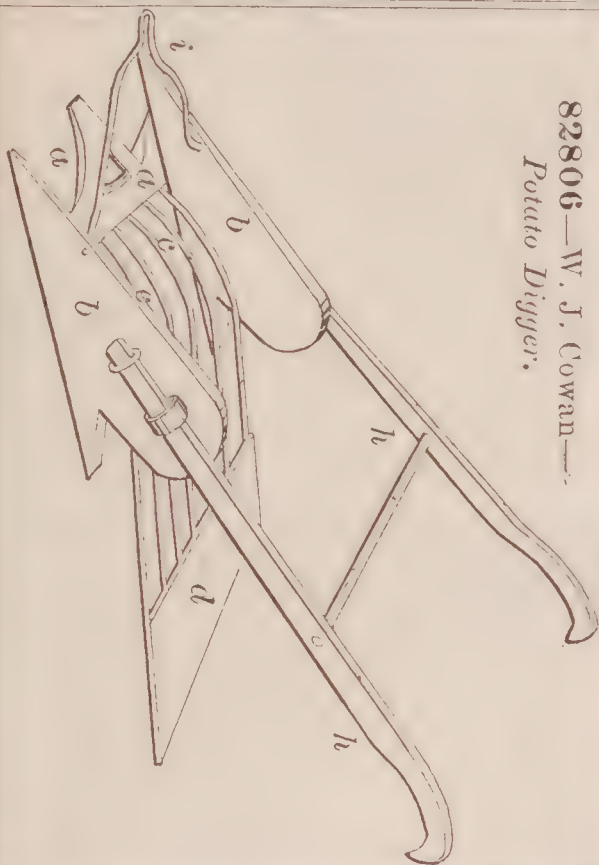




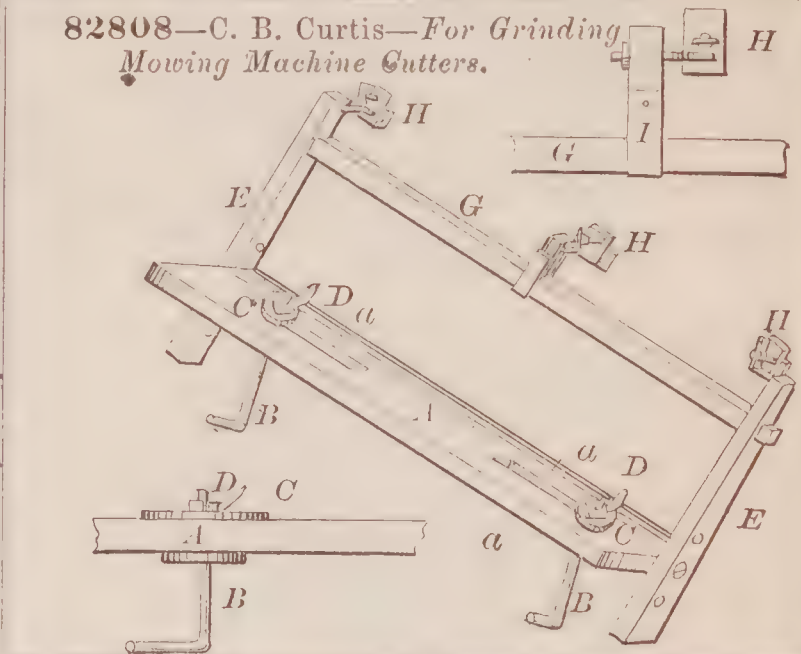
82803—L. S. Colburn—*For Boring Window Blinds.*



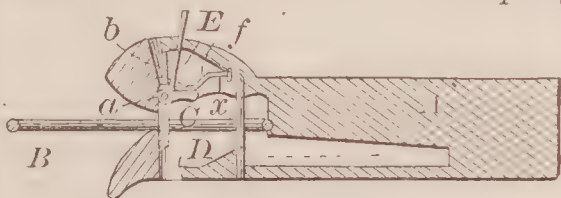
82806—W. J. Cowan—*Potato Digger.*



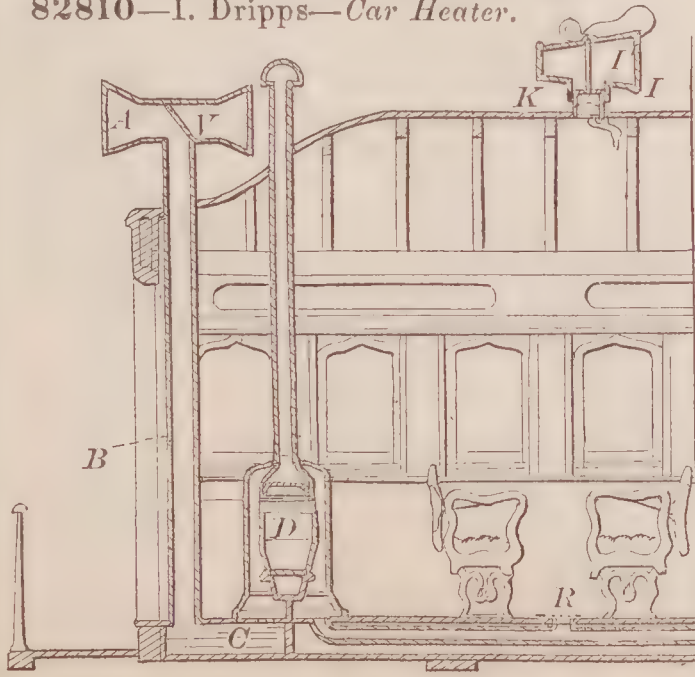
82808—C. B. Curtis—*For Grinding Mowing Machine Cutters.*



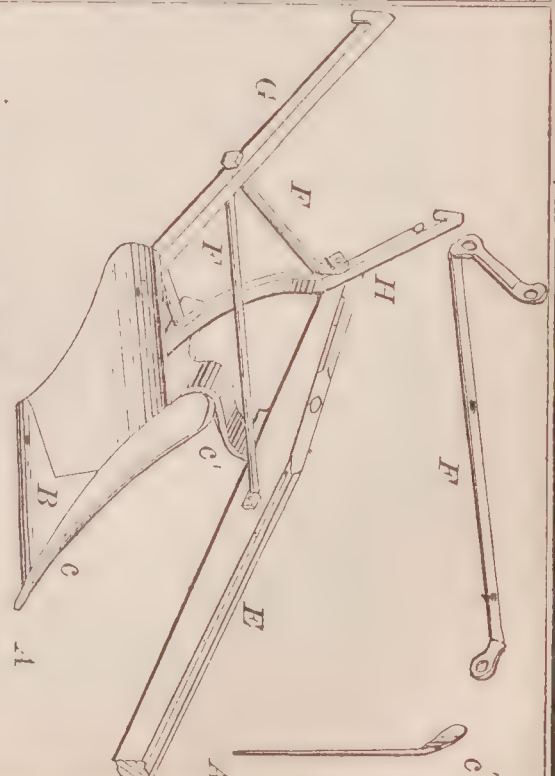
82807—R. A. Cowell—*Car Coupling.*



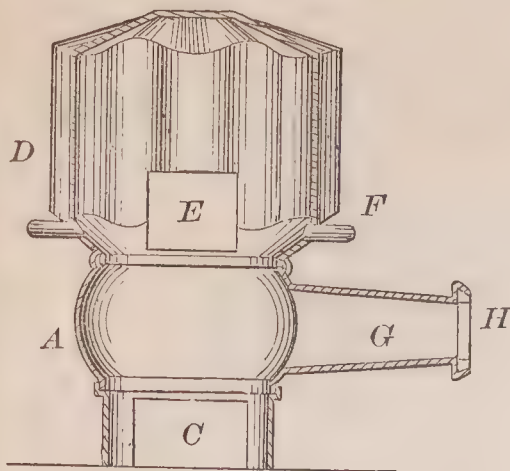
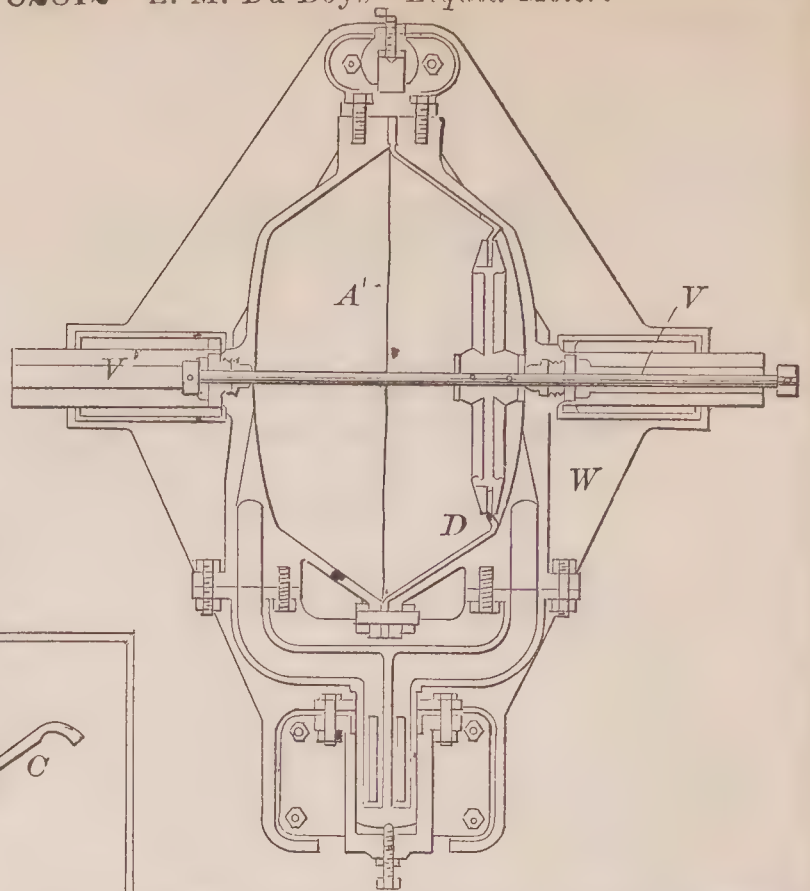
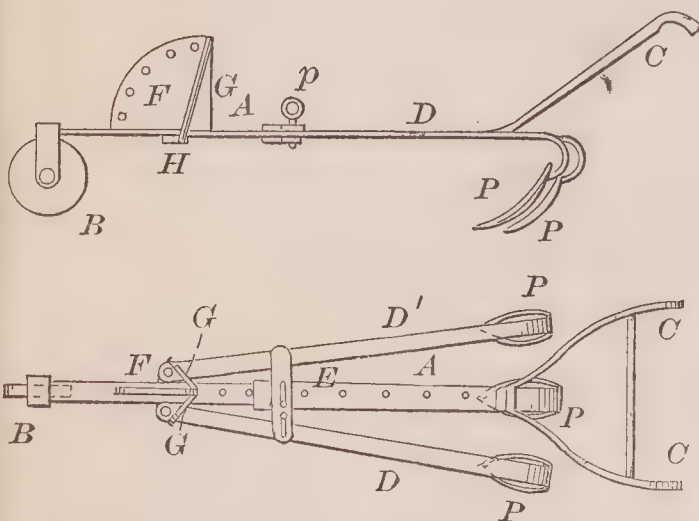
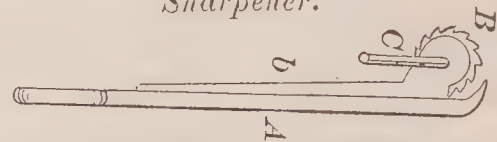
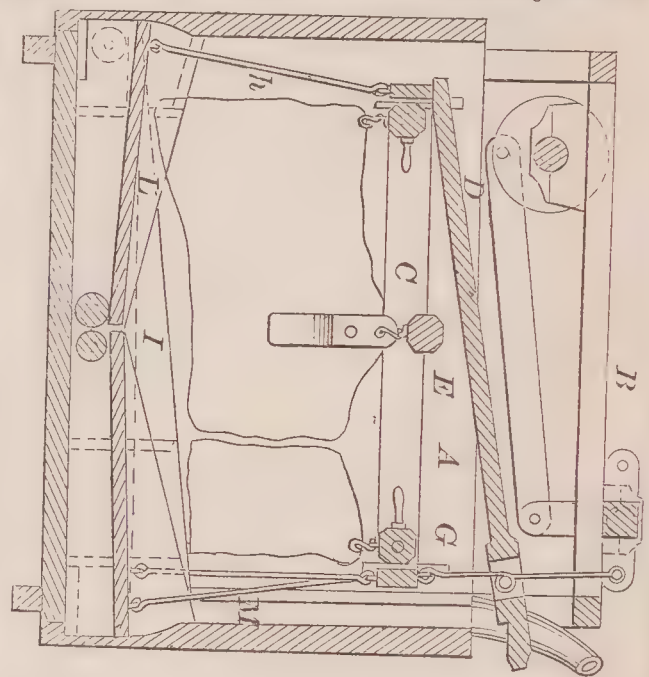
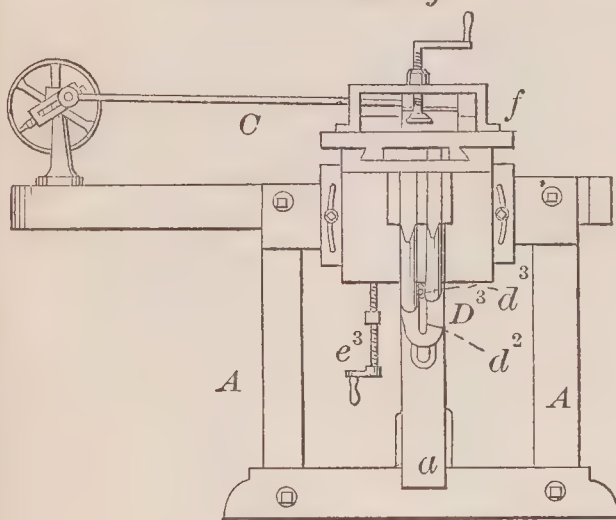
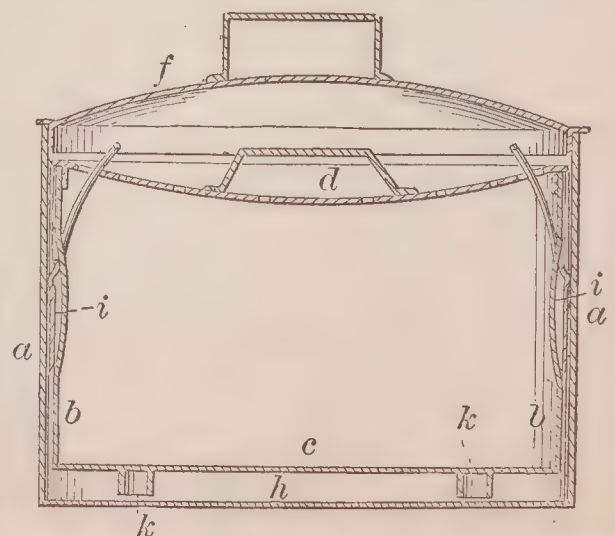
82810—I. Dripps—*Car Heater.*



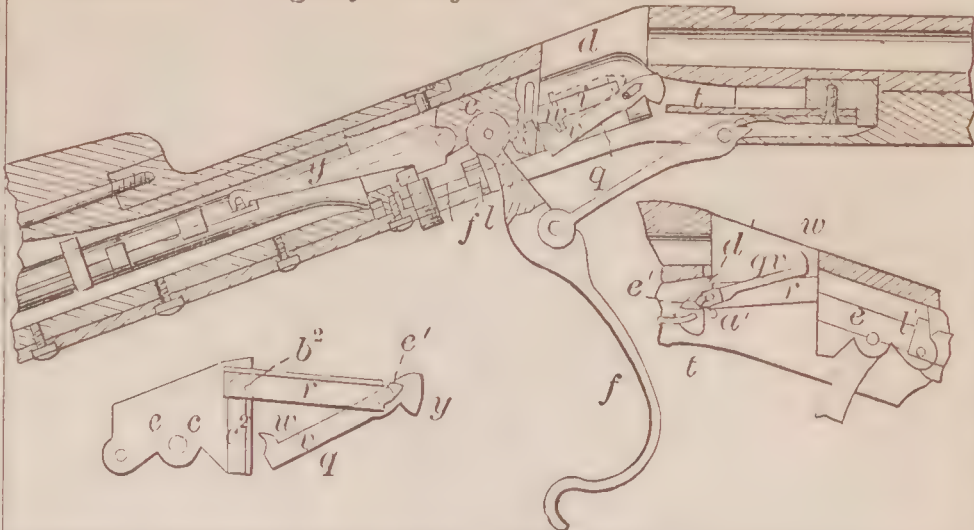
82809—S. T. Denise—*Plow.*



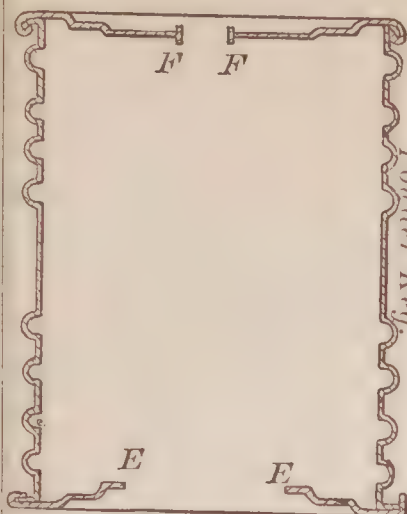


82811—J. B. Driscoll—*Hot Air Furnace.*82812—E. M. Du Boys—*Liquid Meter.*82814—D. S. Early—*Cultivator.*82813—W. Duncan—*Horse Shoe Calk Sharpener.*82815—A. G. Eaton—*For Tanning Hides.*82816—J. Felber—*For Mortising, Slotting and Dovetailing.*82817—G. Fenn—*Wash Boiler.*

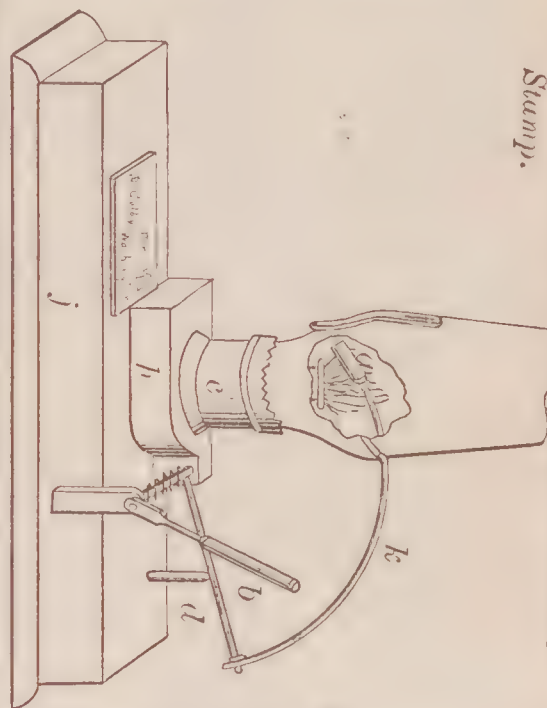
82819—V. Fogerty—*Magazine Fire Arm.*



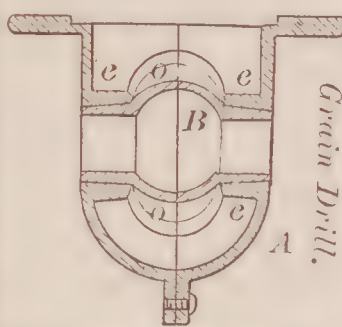
82818—J. B. & D. J. Fleming—*Powder Key.*



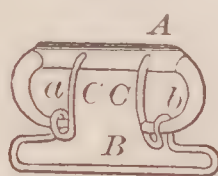
82823—Garrison & Draper—*Branding Stamp.*



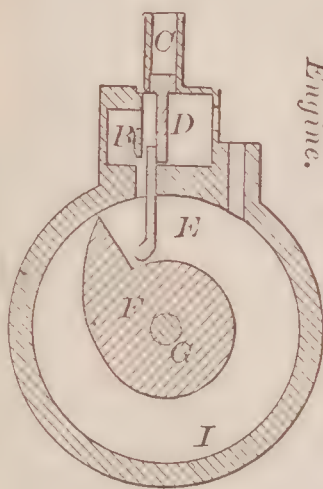
82822—C. O. Gardiner—*Grain Drill.*



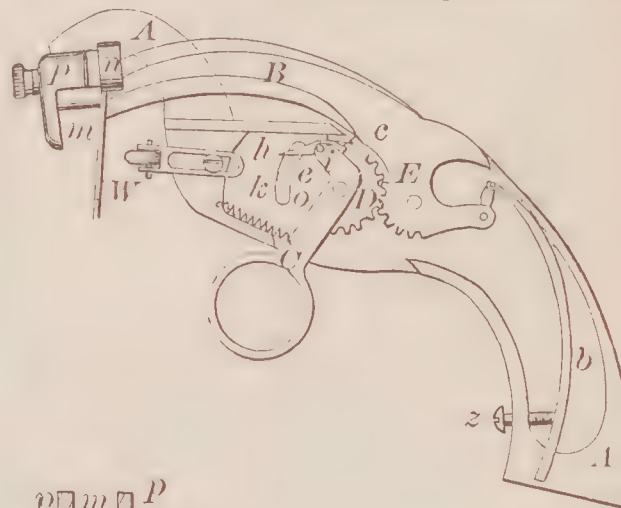
82821—M. Fowler—*Buckle.*



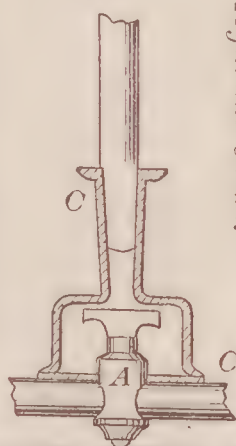
82820—C. G. Foote—*Rotary Engine.*



82825—W. E. Goodenough—*Saw Set.*



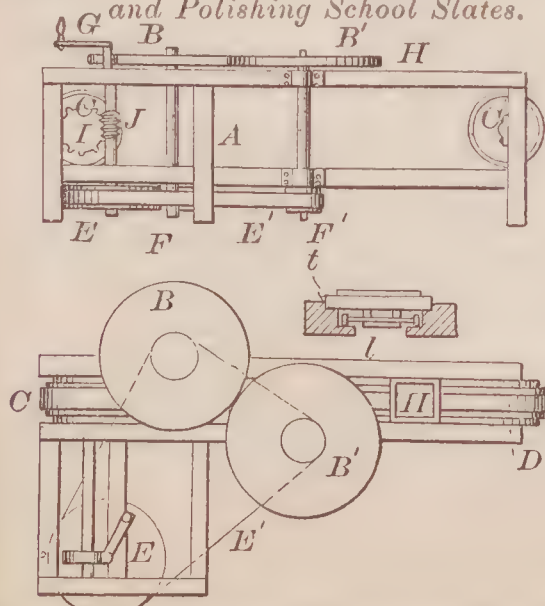
82827—P. H. Griffin—*Key for Hydrant Cocks.*



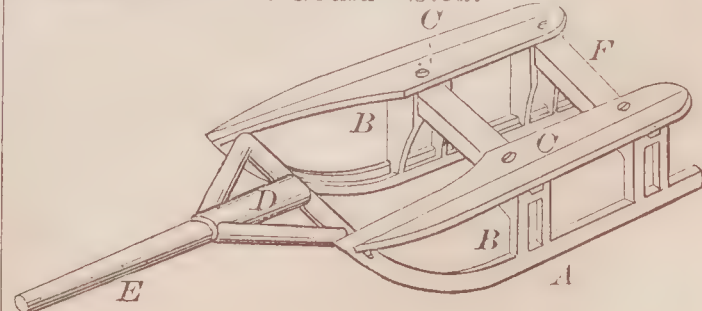
82821—A. F. Gerald—*Curtain Fixture.*



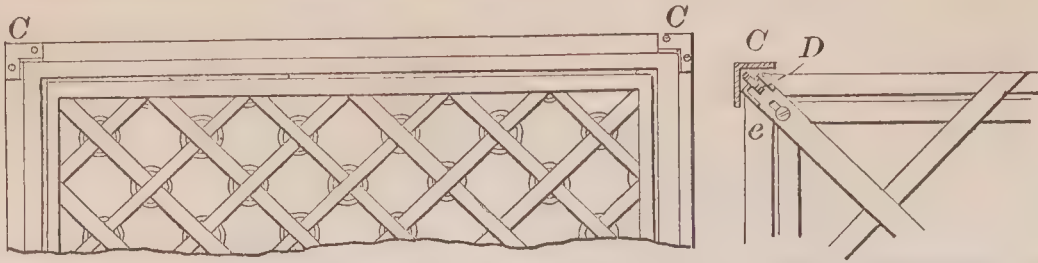
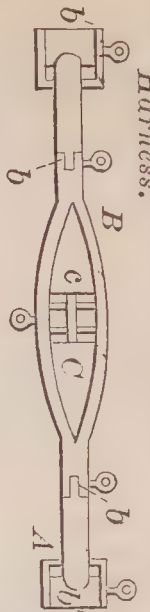
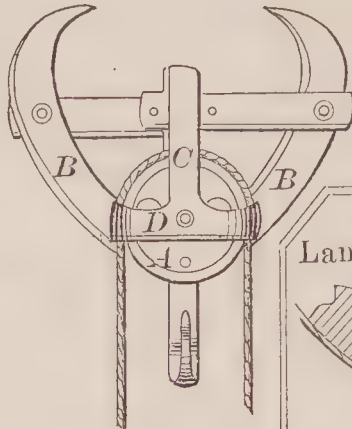
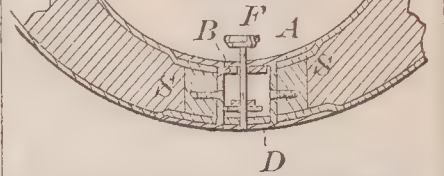
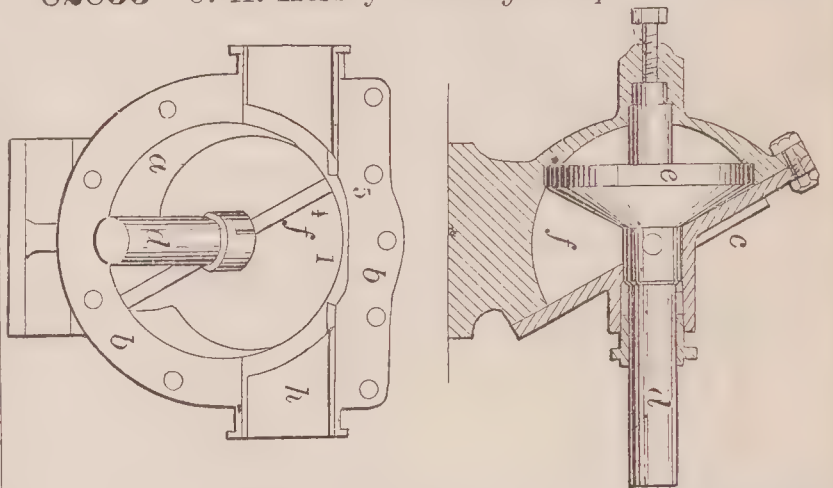
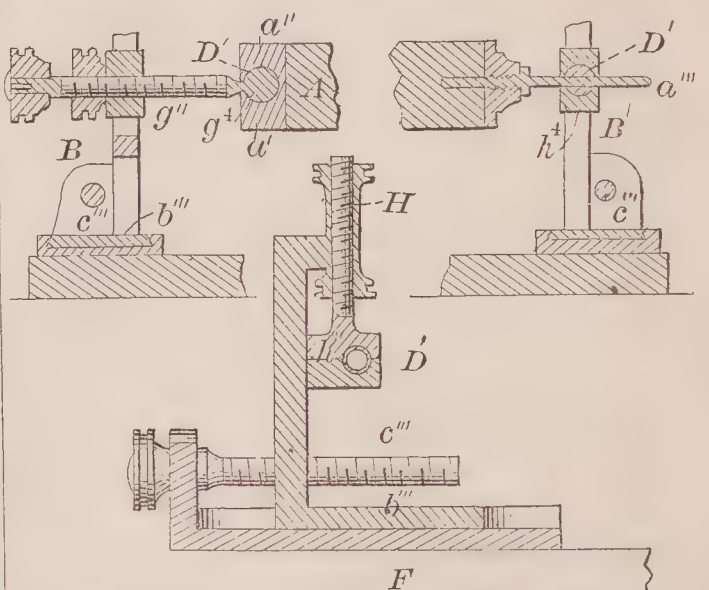
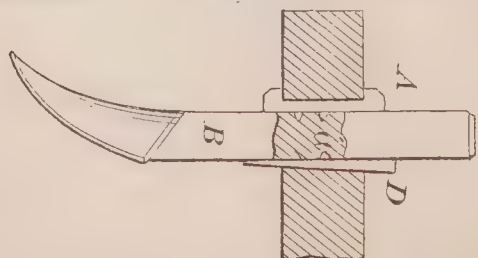
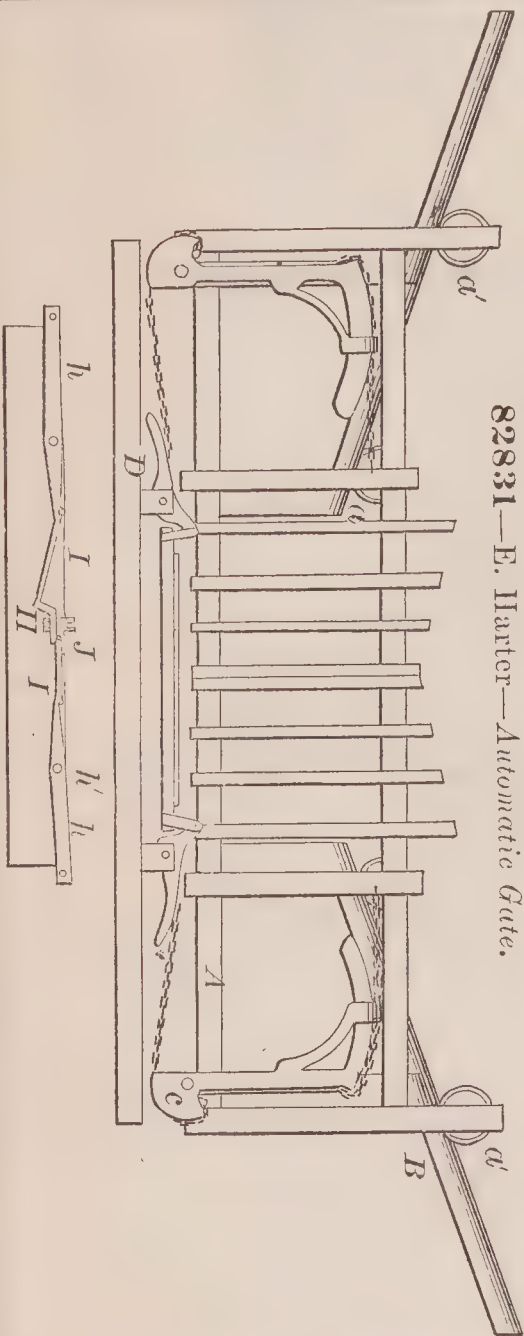
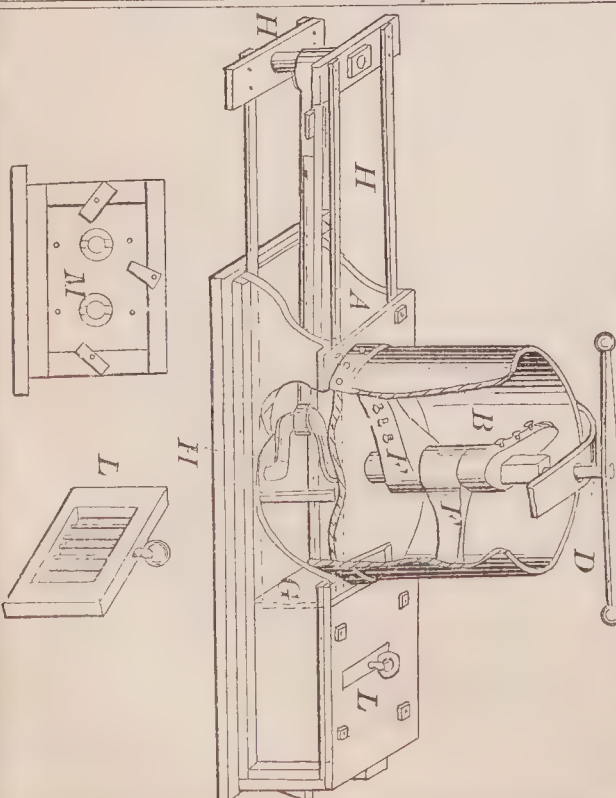
82828—S. Hagaman—*For Grinding and Polishing School Slates.*



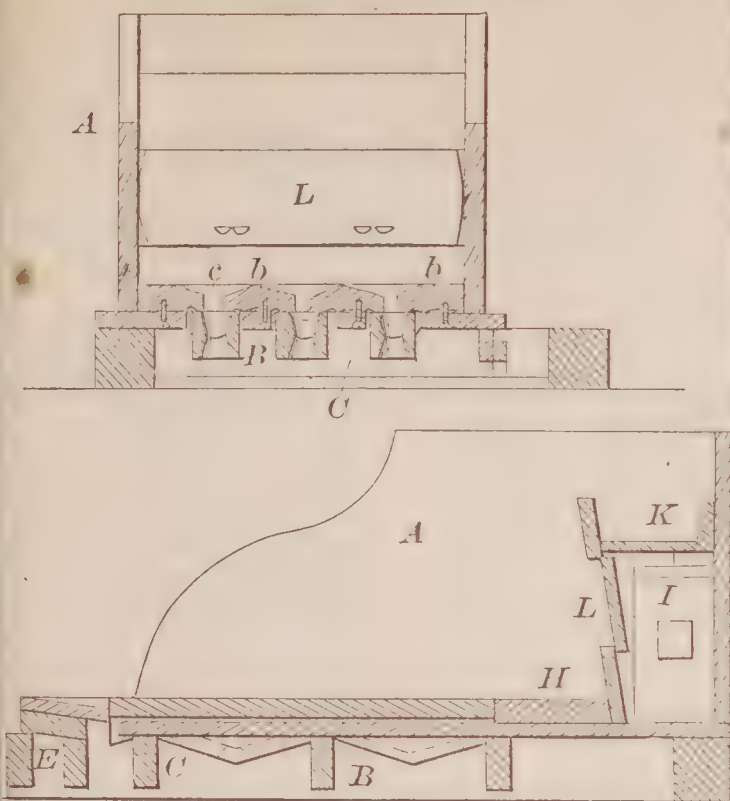
82826—D. W. Gould—*Sled.*



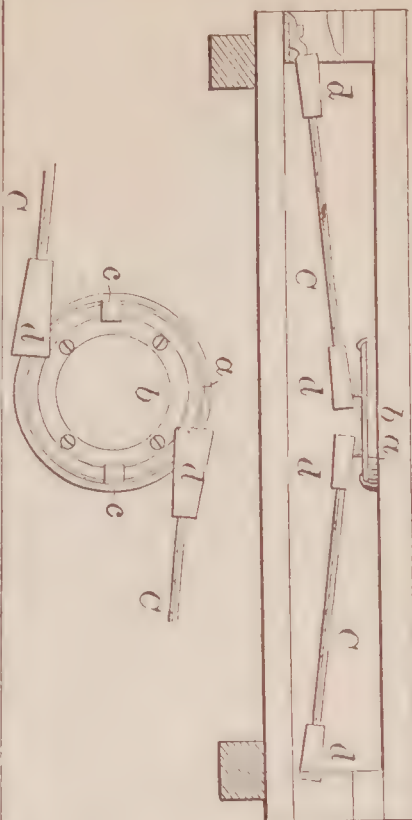


82829—H. J. Hale—*Bed Bottom.*82830—A. F. Hammel—*Breast Yoke for Harness.*82832—W. H. Hawley—*Grappling Iron.*82836—Hobart & Lampman—*Fastening Horse Collars.*82833—C. H. Hersey—*Rotary Pump.*82834—W. O. Hickok—*Paper Ruling Machine.*82835—P. V. Hixon—*Harrow Teeth.*82831—E. Harter—*Automatic Gate.*82837—A. & A. C. Hockett—*Tile Machine.*

82838—A. Hosmer—*Horse Stall.*



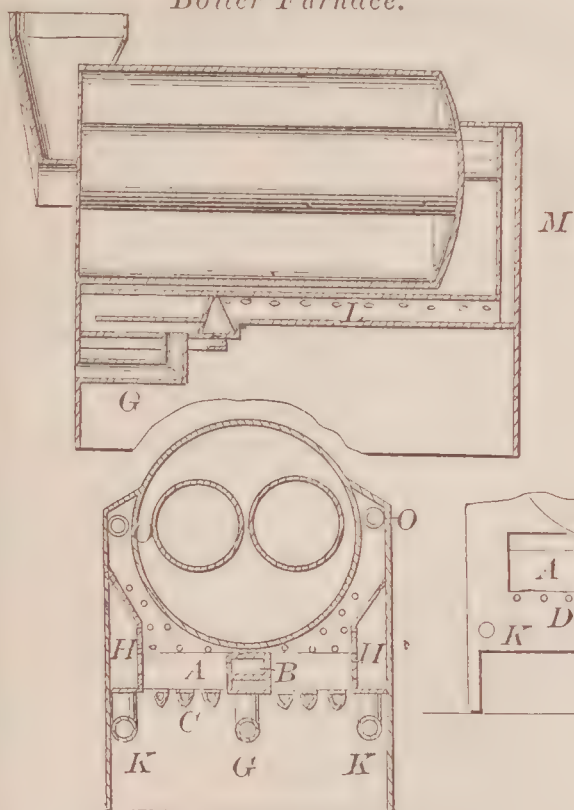
82839—J. Howe—*Carriage Brace.*



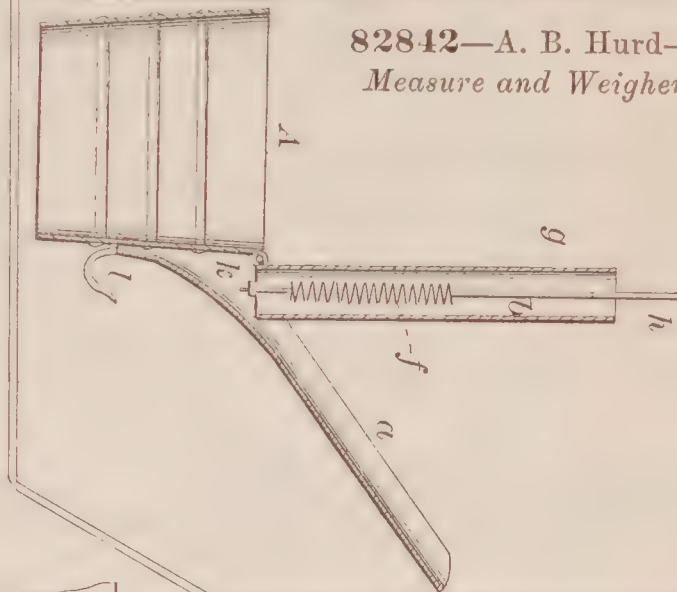
82840—L. Hull—*Whip Handle.*



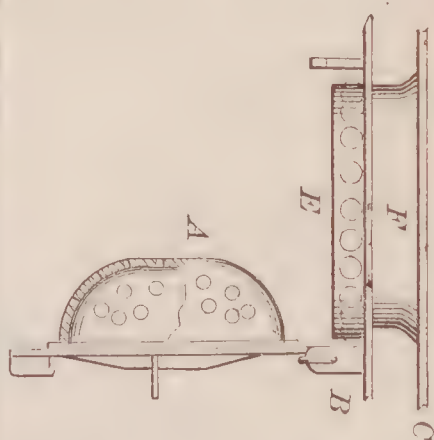
82841—H. H. Huntley—*Steam Boiler Furnace.*



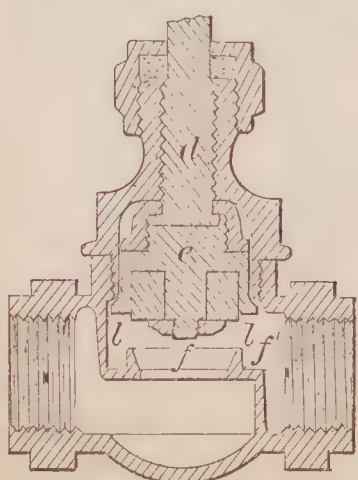
82842—A. B. Hurd—*Measure and Weigher.*



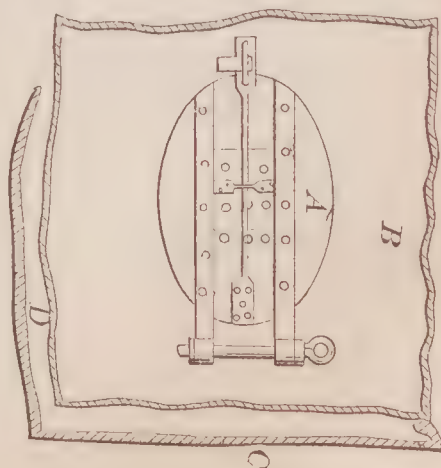
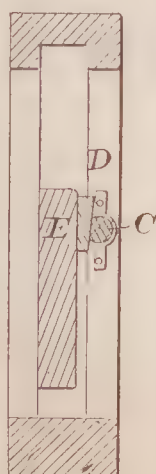
82843—C. F. Jauriet—*Steam Generator.*



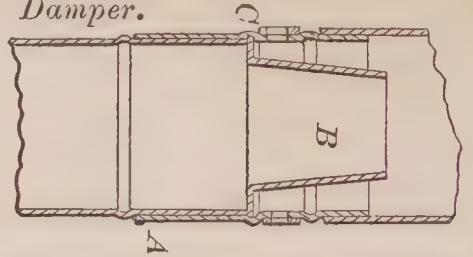
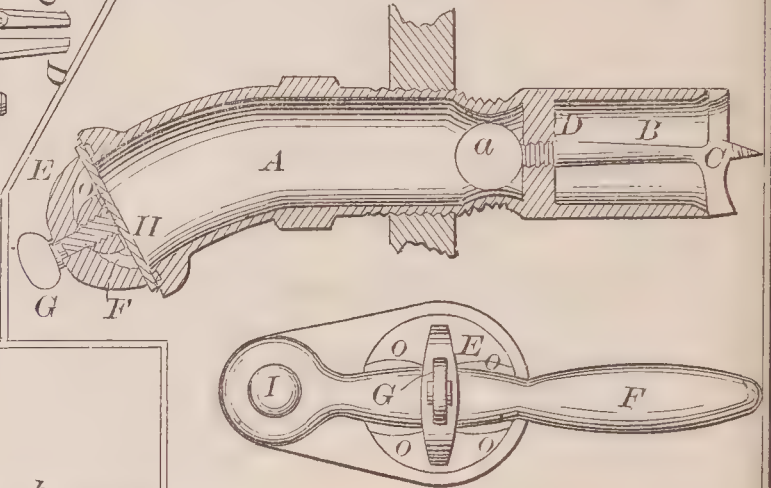
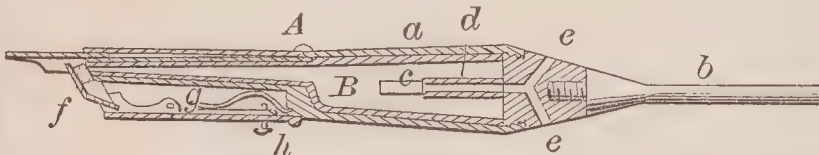
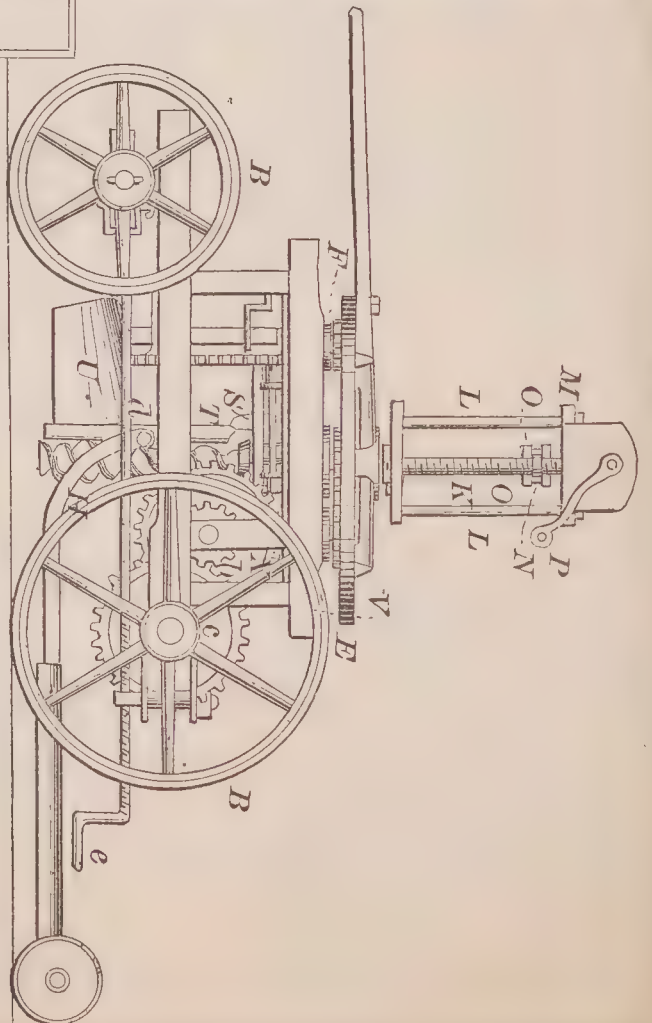
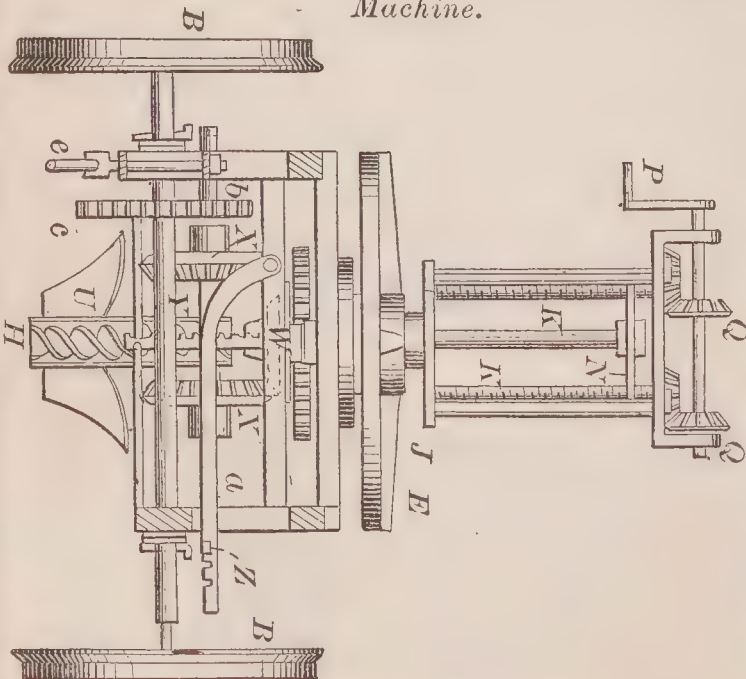
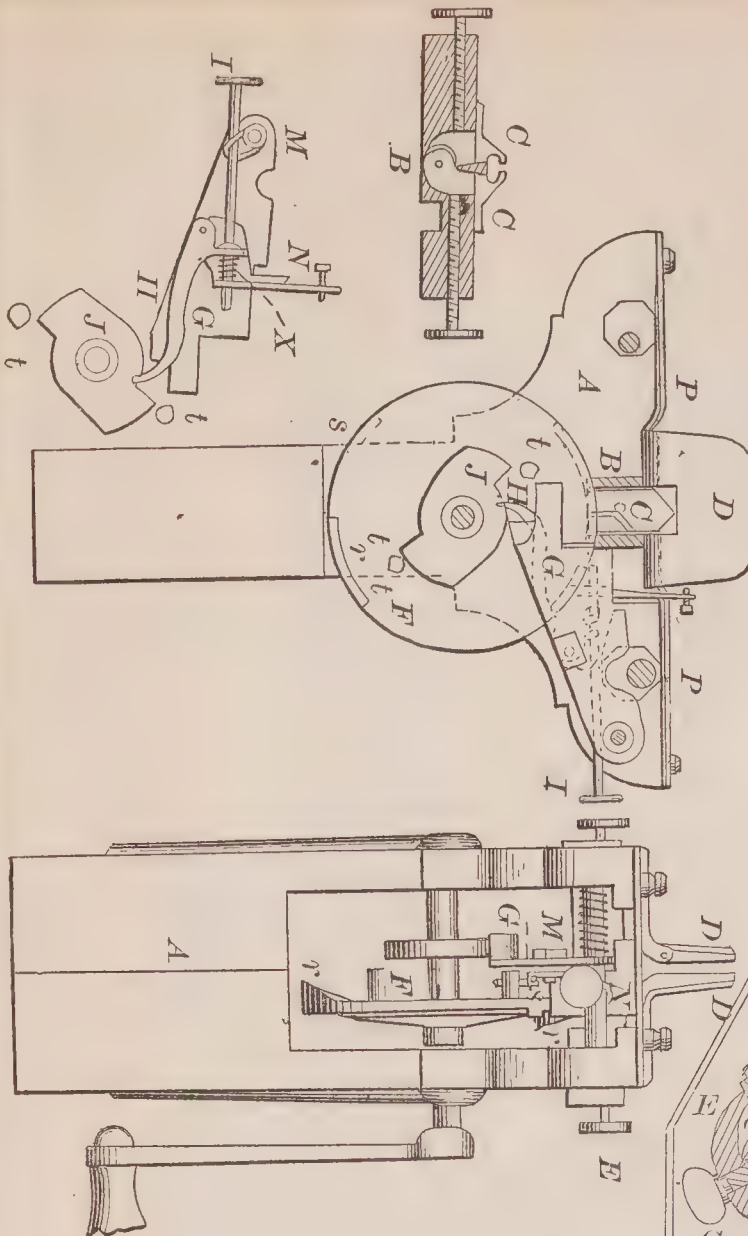
82844—N. Jenkins—*Steam Globe Valve.*



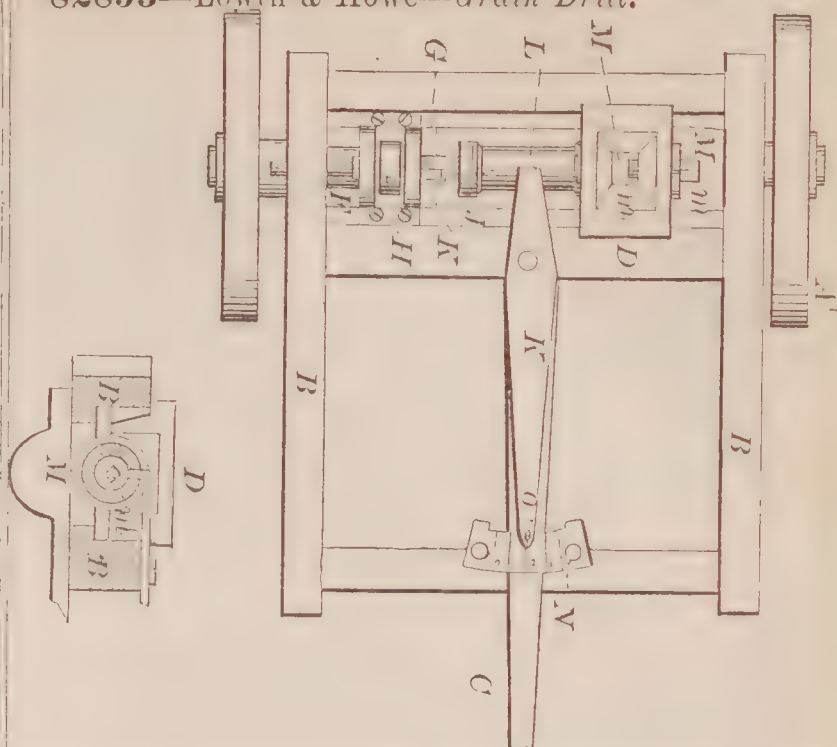
82847—H. H. Kelley—*Sash Fastener.*



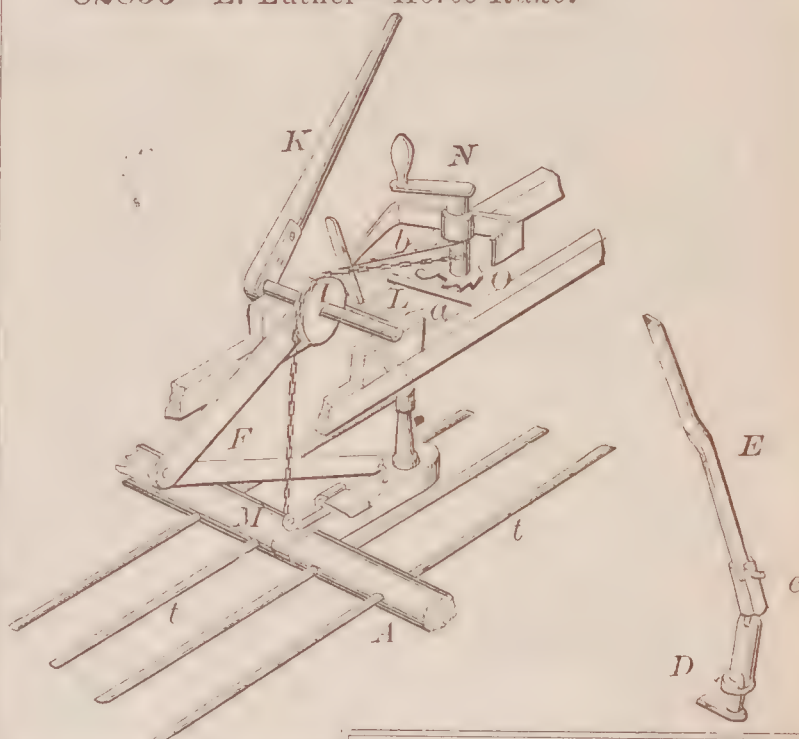


82848—J. C. Kennedy—*Stove Pipe Damper.*82849—J. F. H. King—*Signal Flag for Vessels.*82851—Lawrence & Johnson—*Faucet.*82850—G. Kneipe—*Fountain Pen.*82846—I. B. Jones—*Ditching and Boring Machine.*82845—A. Johnson—*Saw Set.*

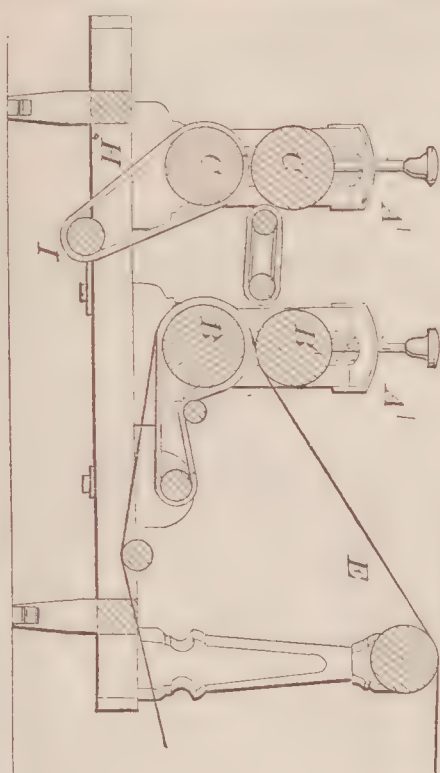
82853—Lowth & Howe—*Grain Drill.*



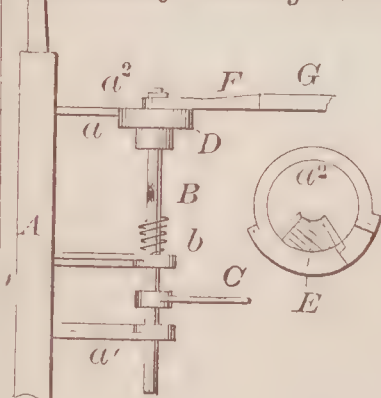
82855—E. Luther—*Horse Rake.*



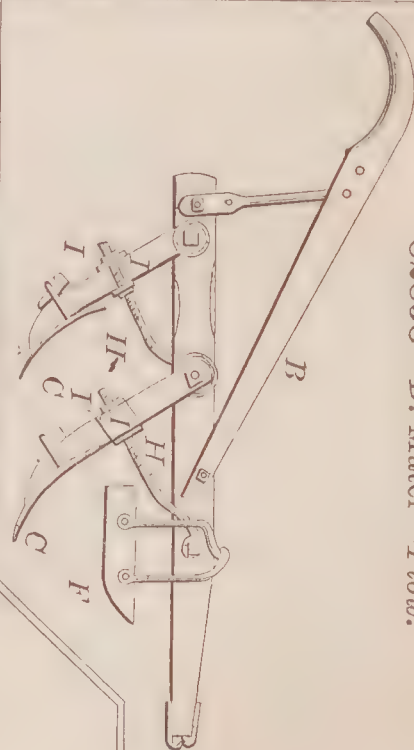
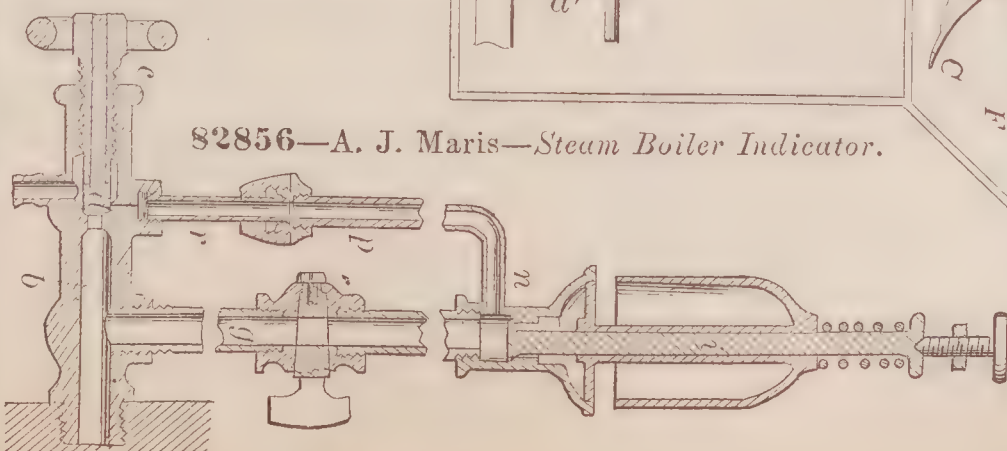
82854—A. B. Lovell—  
*Paper Machines.*



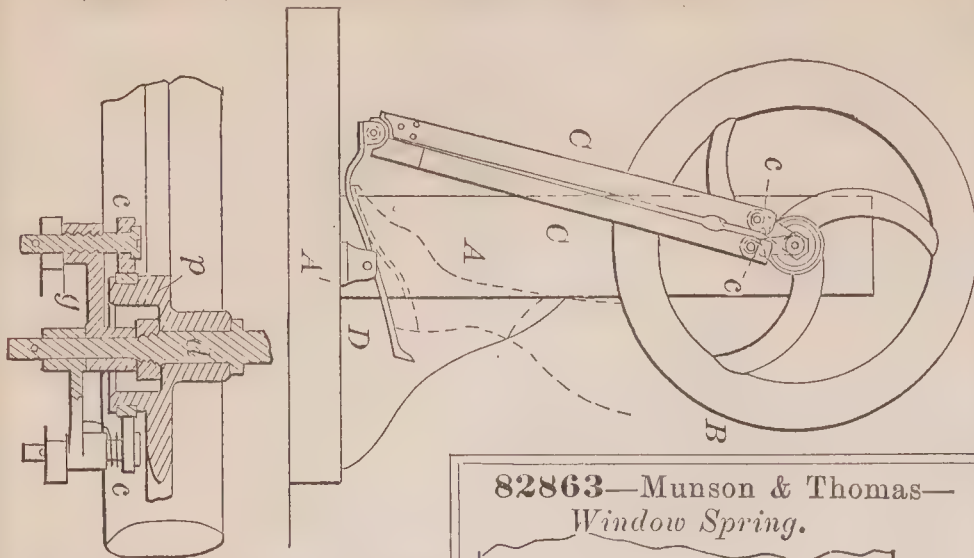
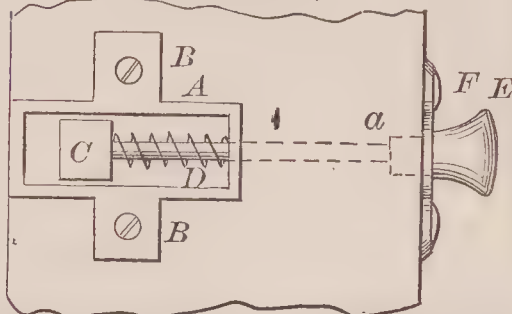
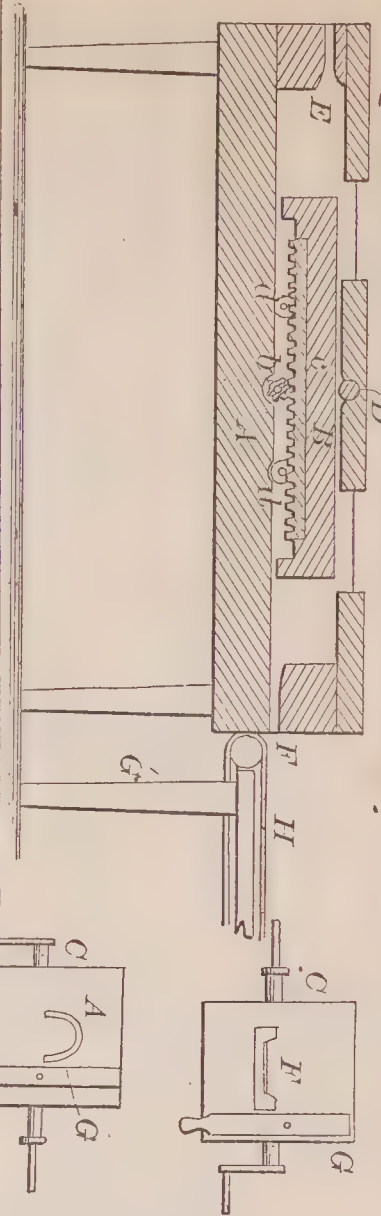
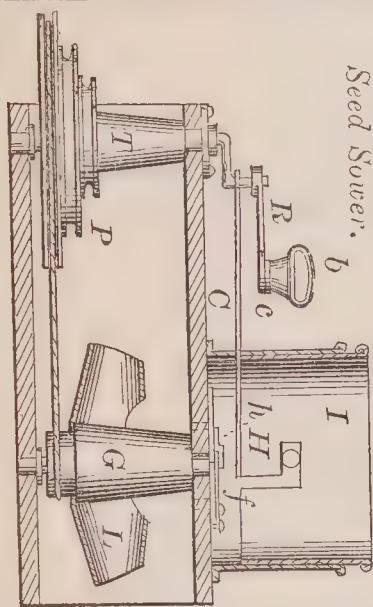
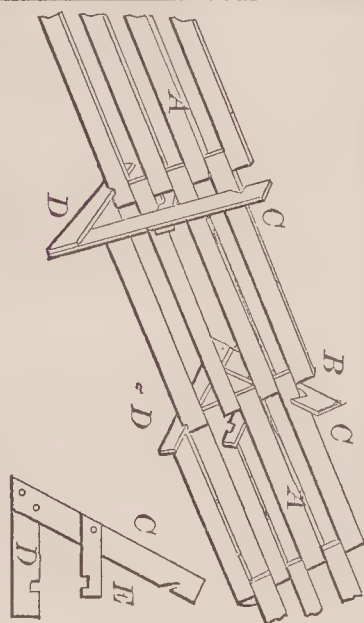
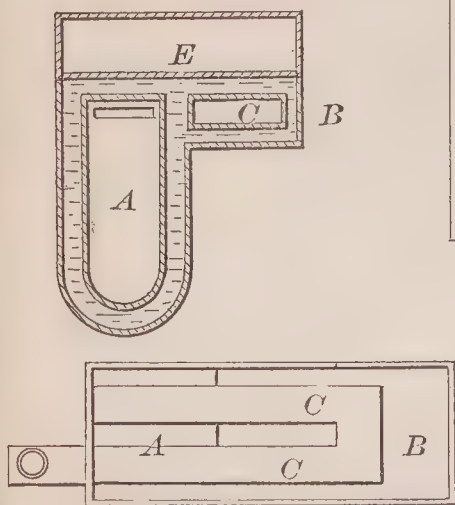
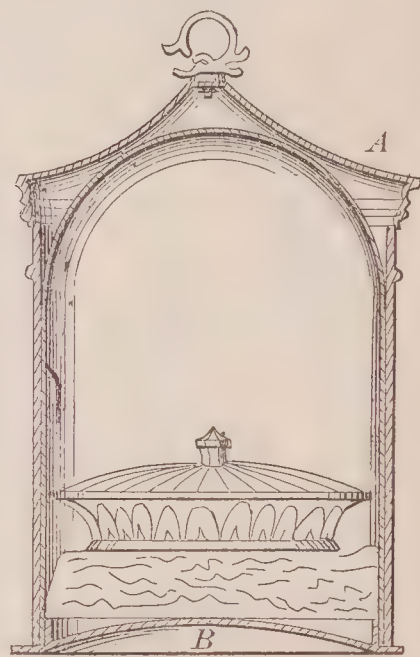
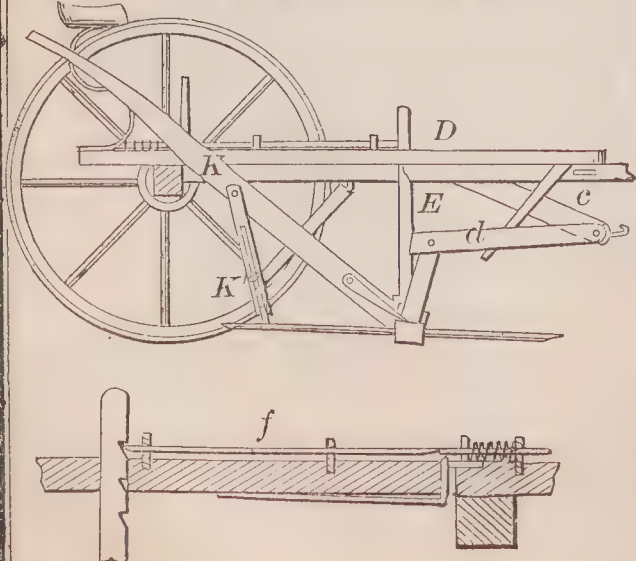
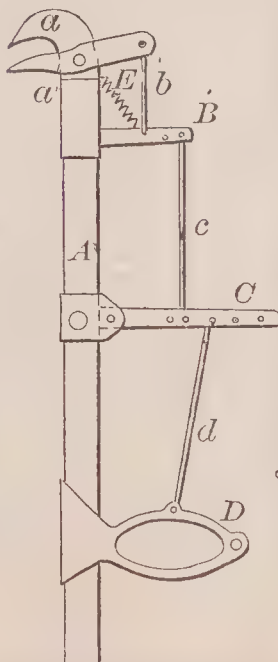
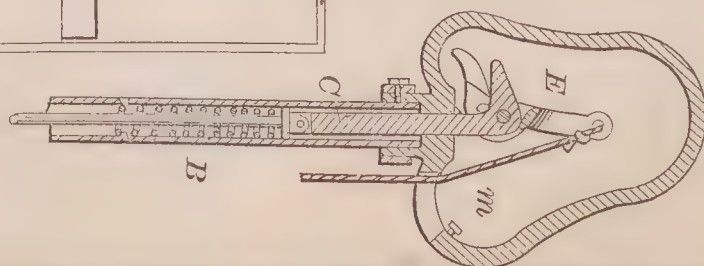
82857—Marmaduke & Bruce—*Attaching and Detaching Carriage Shafts.*

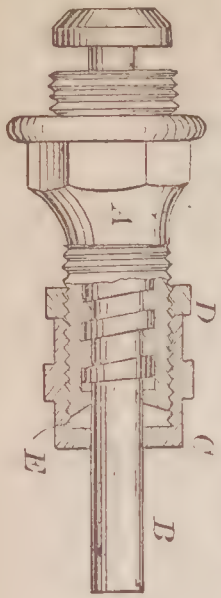


82858—D. Mater—*Plow.*

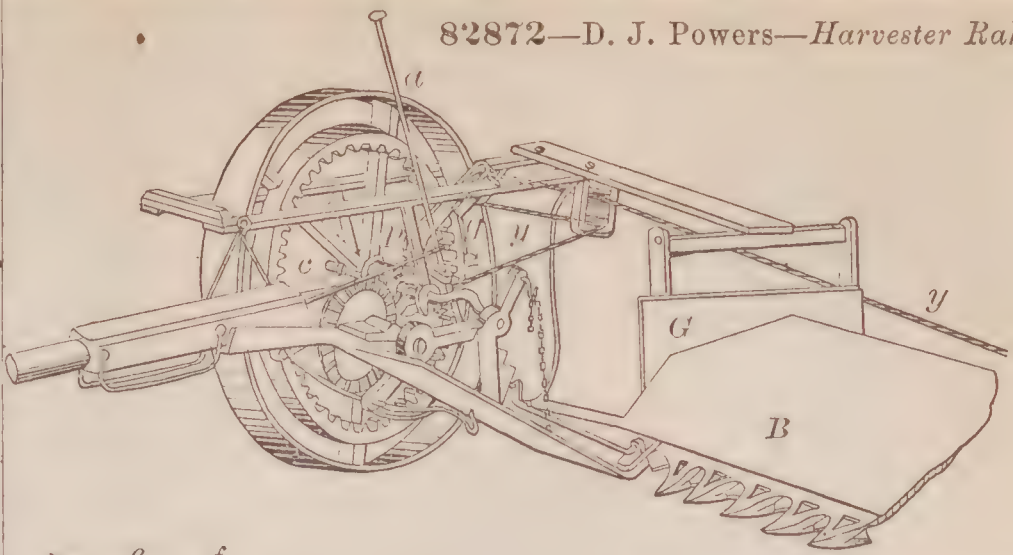
82856—A. J. Maris—*Steam Boiler Indicator.*



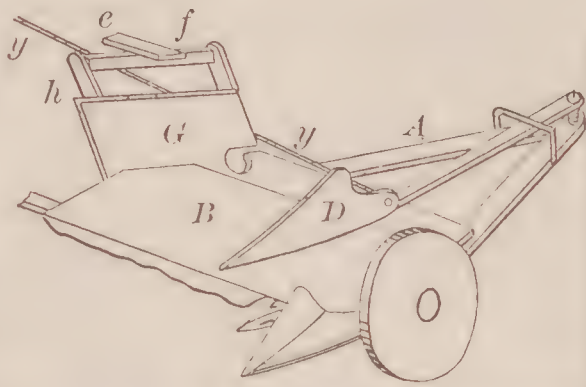
82860—G. R. Metten—*Mechanical Movement.*82863—Munson & Thomas—*Window Spring.*82861—Milroy & Cook—*For Making Drain Tiles.*82862—W. H. & J. F. Mitchell—*Seed Sower.*82865—A. M. Olds—*Fence.*82866—Otis & Barber—*For Treating Milk.*82869—J. W. D. Patten—*Ice Preserver.*82864—G. D. Neal—*Horse Rake.*82868—B. M. Parks—*Pruning Hook.*82867—O. Paddock—*Horse Hay Fork.*



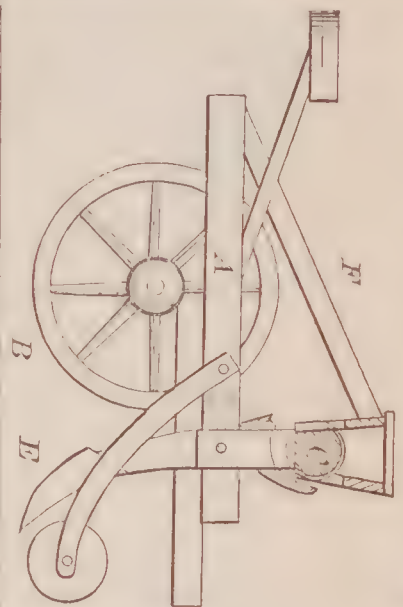
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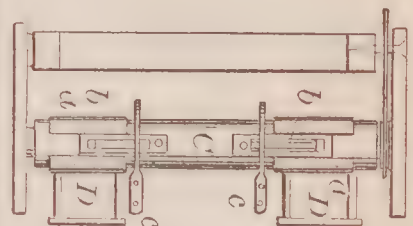
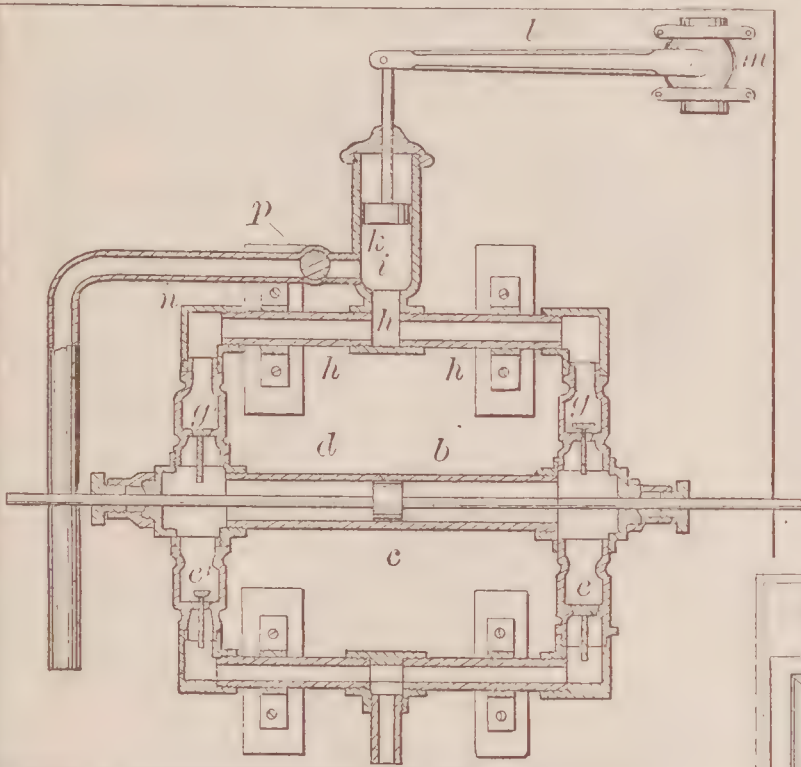
82872—D. J. Powers—Harvester Rake.



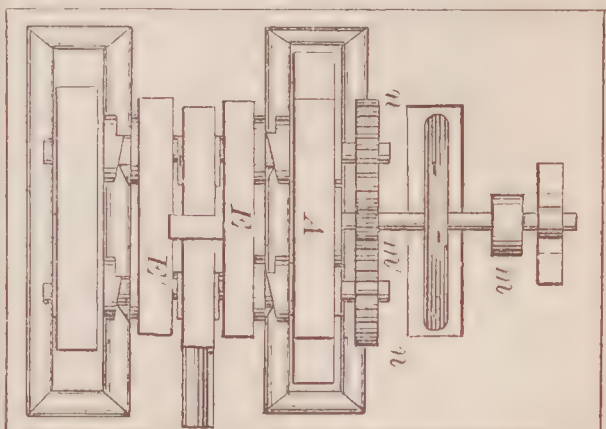
82875—S. B. Reeder—Corn Planter.



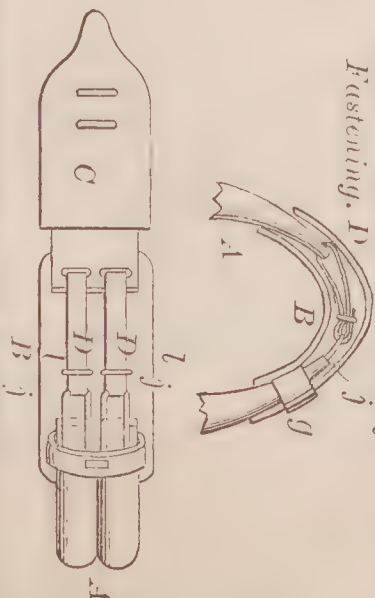
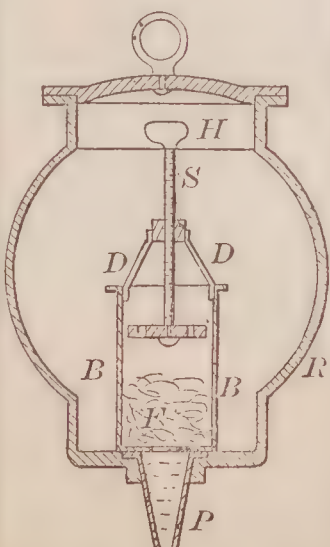
82874—J. H. & C. E. Randall—Steam Engine Governor.



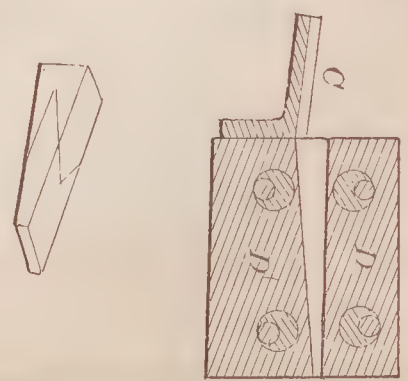
82876—J. Reese—For Working Iron.



82878—  
D. M. Reynolds—  
Lubricator.

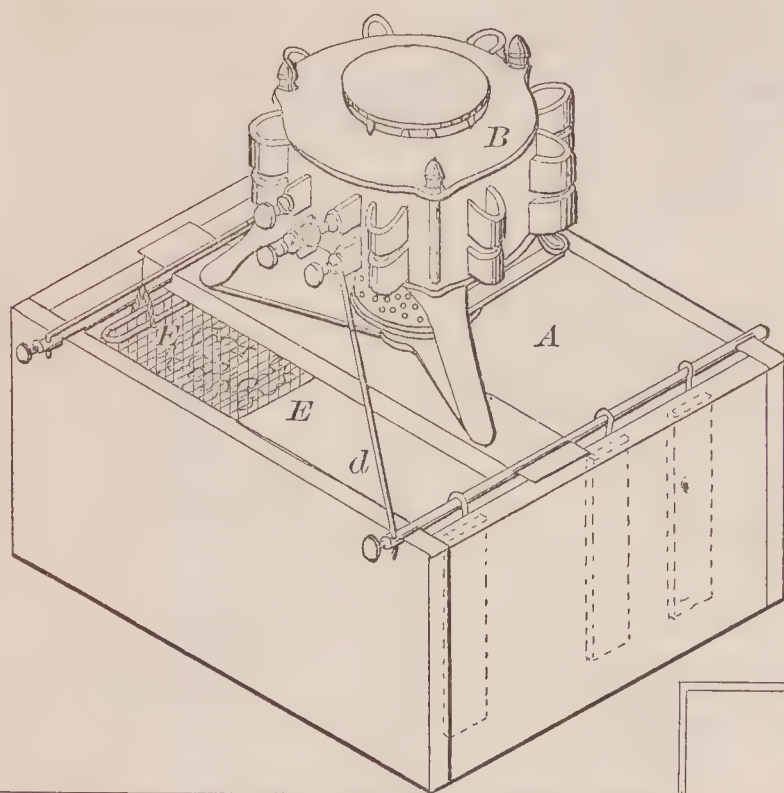
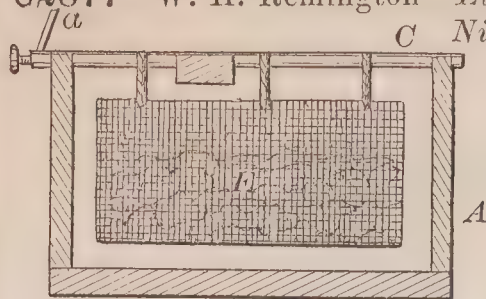


82879—Roberts & Dudley—Collar  
Fastening.

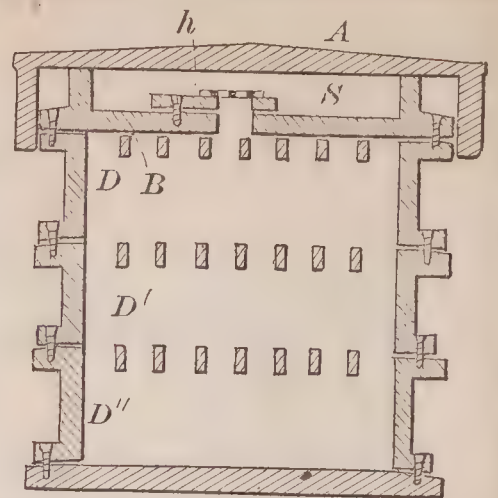




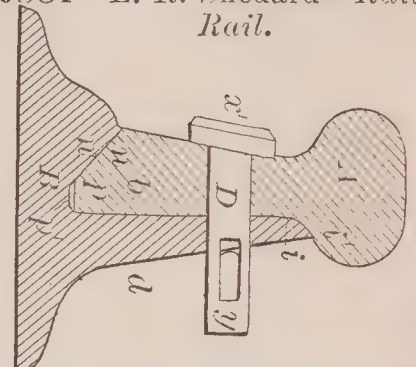
82877—W. H. Remington—*Electroplating with Nickel.*



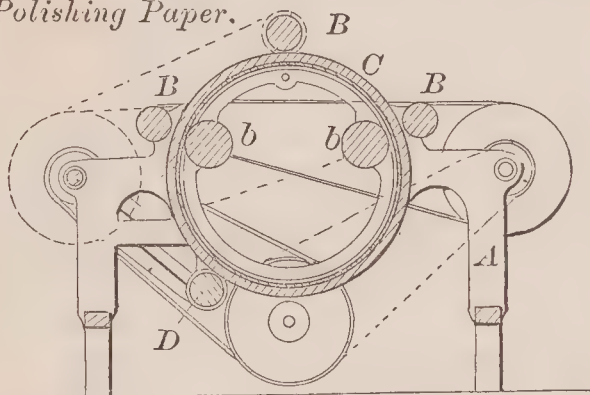
82880—G. C. Schneider—*Beehive.*



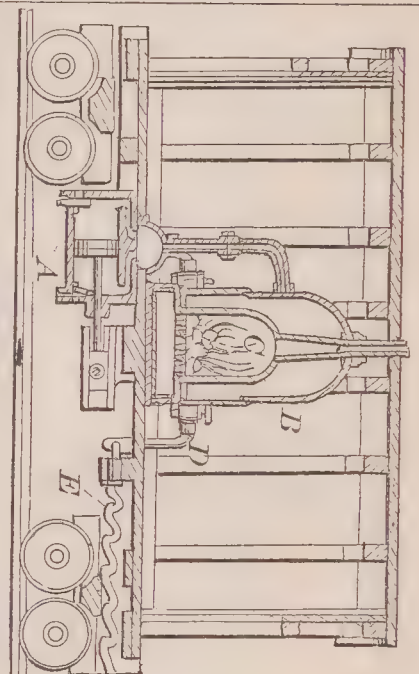
82881—E. R. Shedard—*Railroad Rail.*



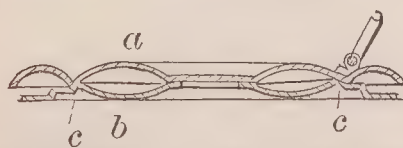
82882—Shepherd & George—*For Polishing Paper.*



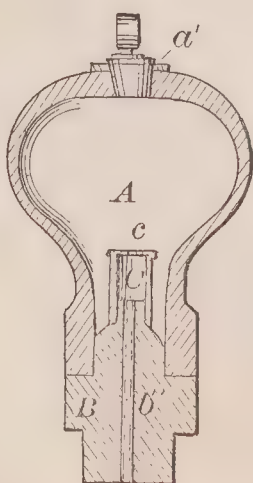
82883—Shepherd & George—*Burnisher for Burnished Paper.*



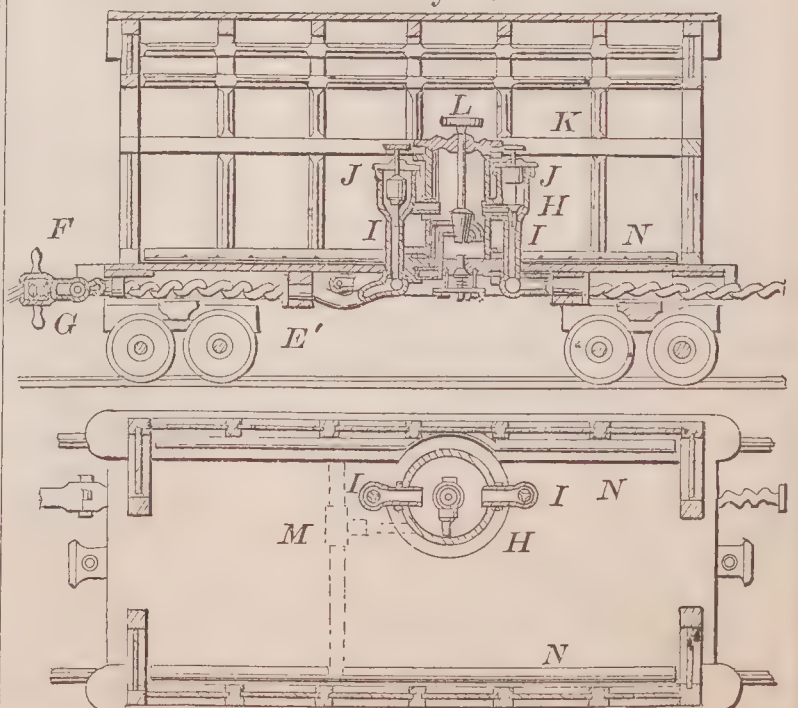
82884—J. Siddons—*Fruit Jar Cover.*



82888—H. Stanley—*Oil Cup.*

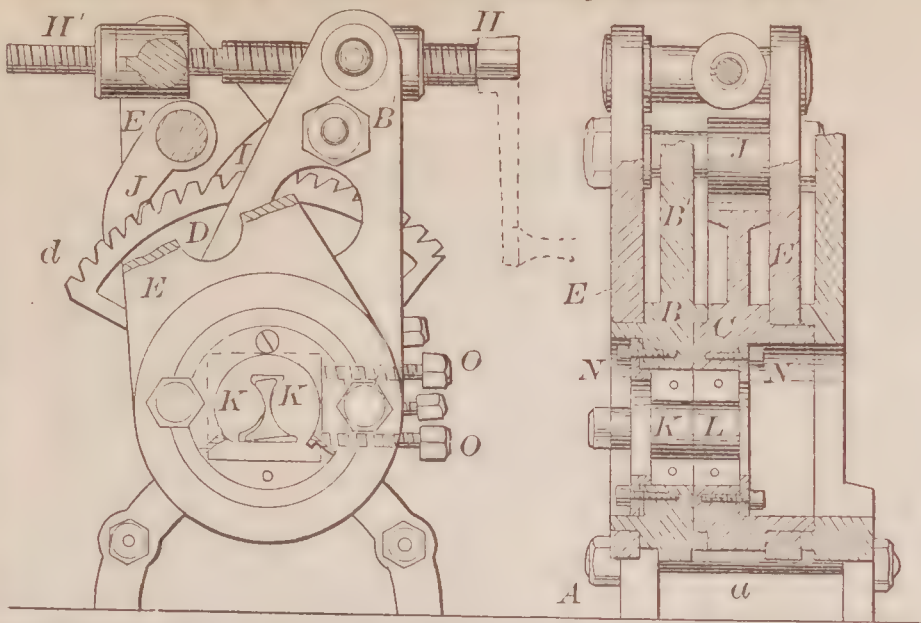


82885—Smith & Reilley—*Car Heater.*

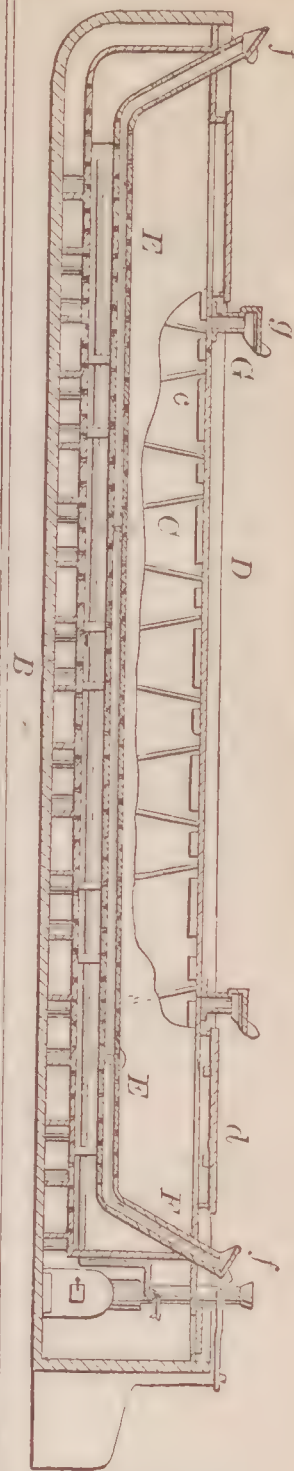




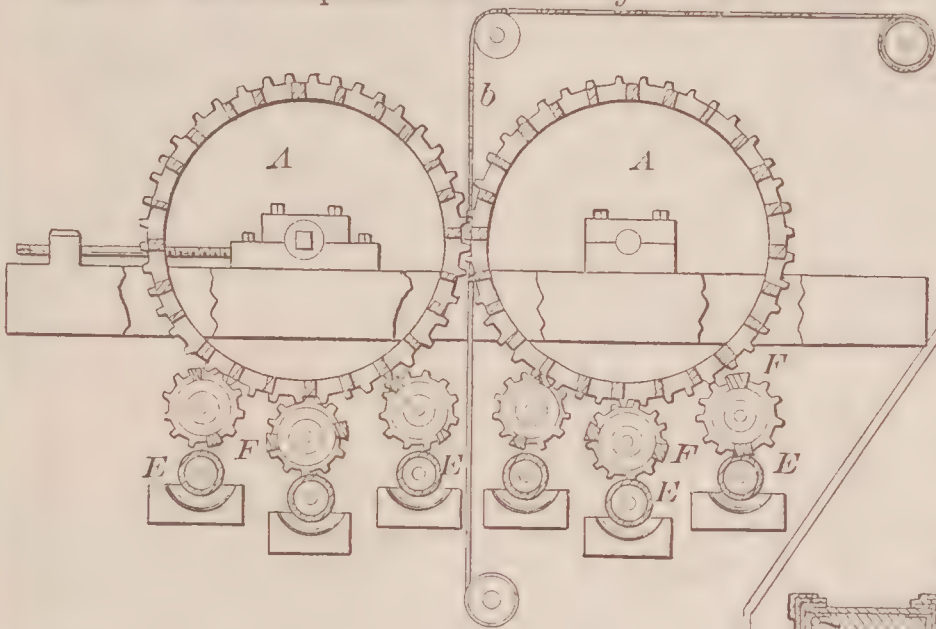
82886—Snell & Tucker—For Cutting Metallic Bars.



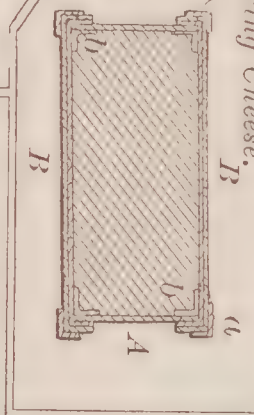
82887—D. E. Some—Vessel for Transportation of Grain.



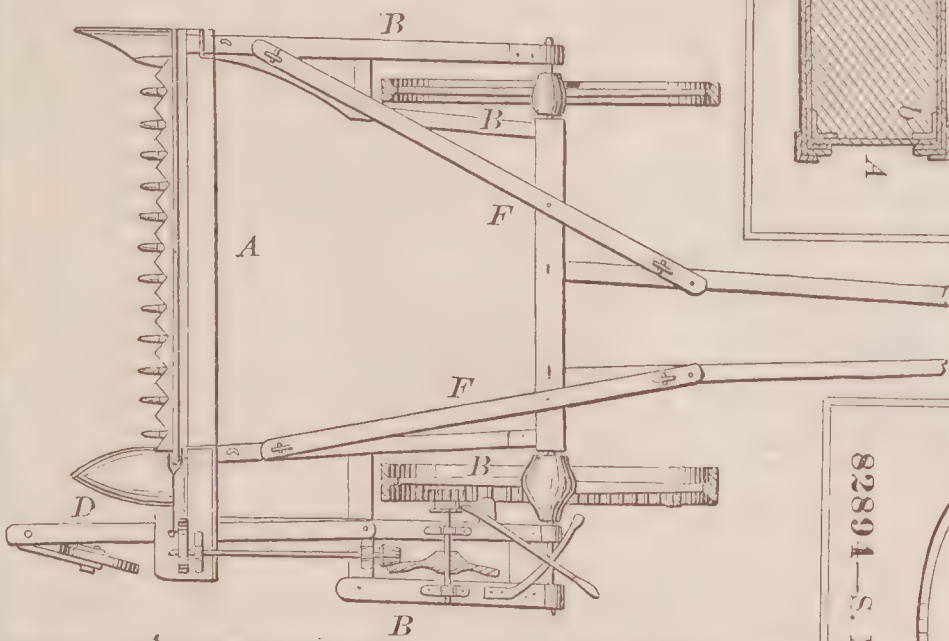
82889—E. J. Stephens—For Printing Yarn.



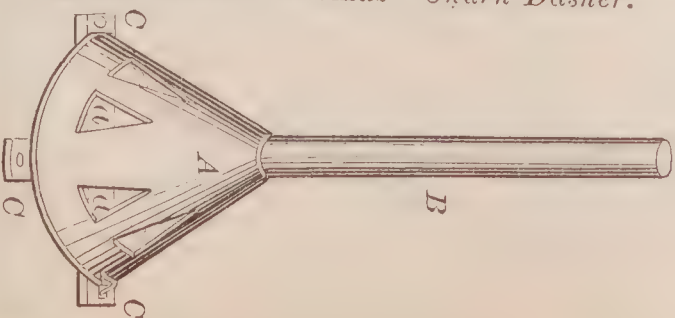
82895—Uley, Kimball & Reynolds—Boeing and Preparing Cheese.



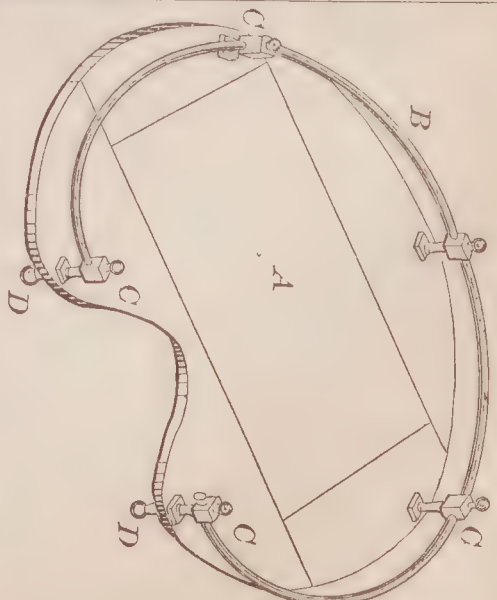
82890—L. B. Stilson—Harvester.



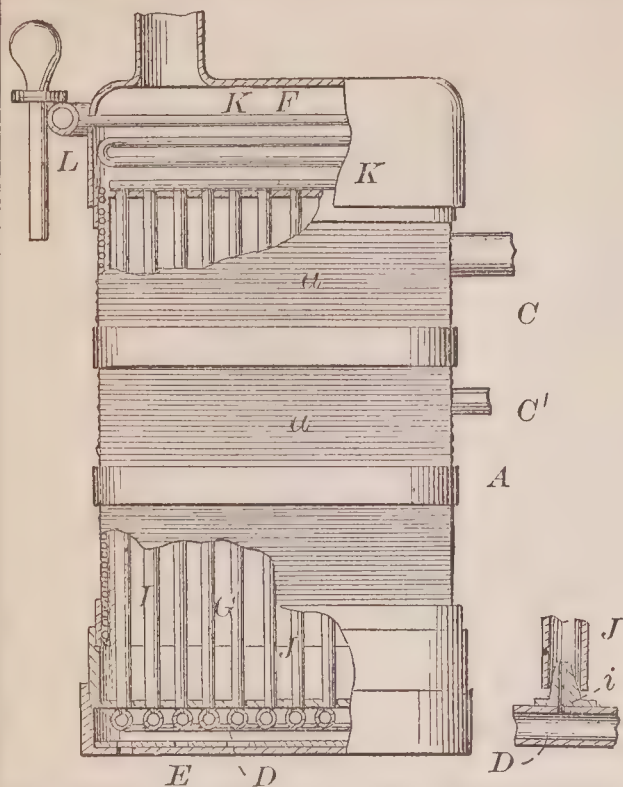
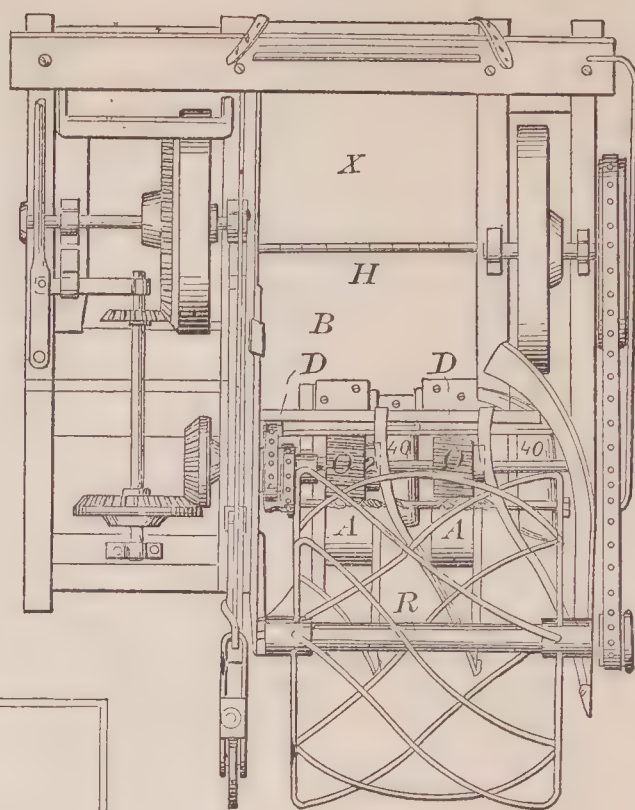
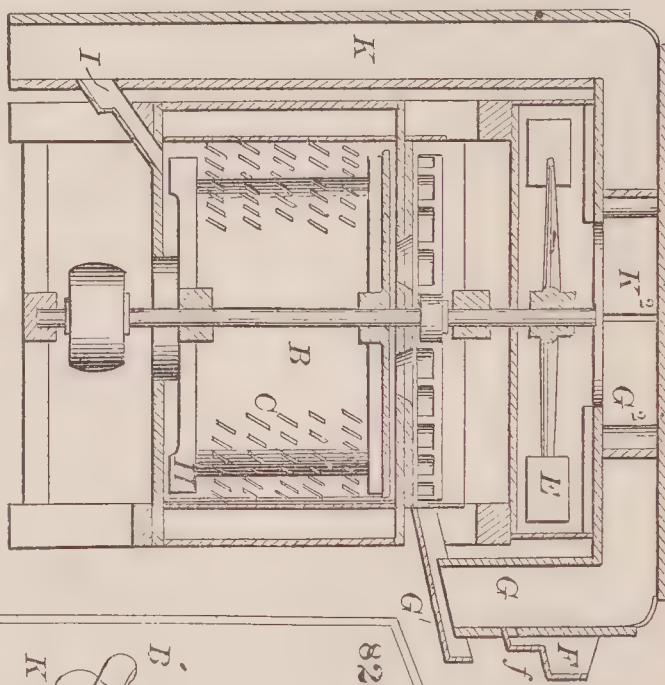
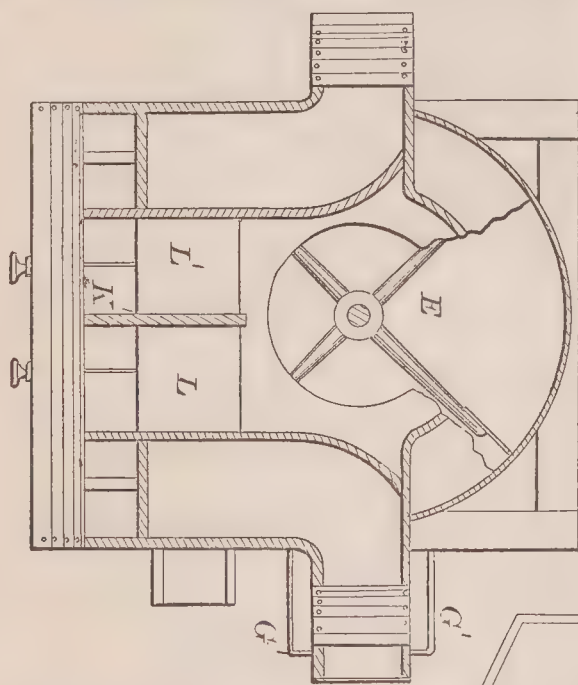
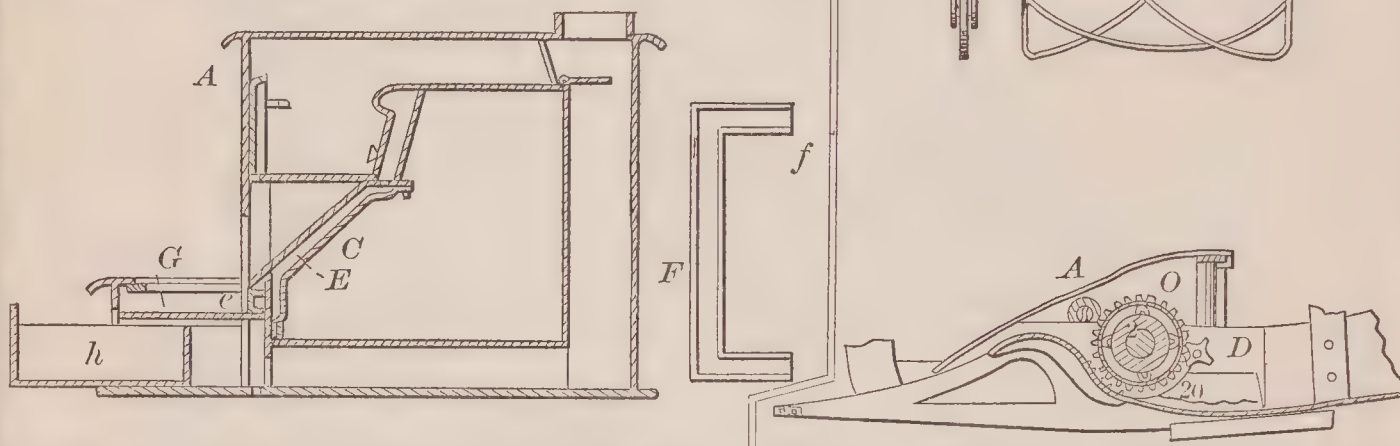
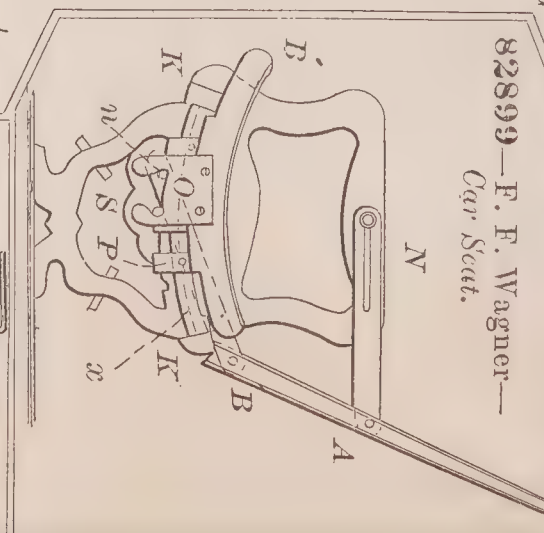
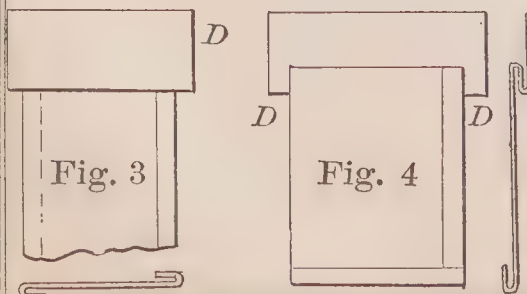
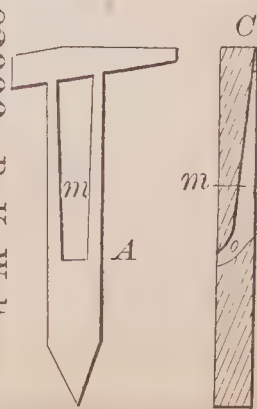
82892—M. H. Thomas—Churn Dasher.

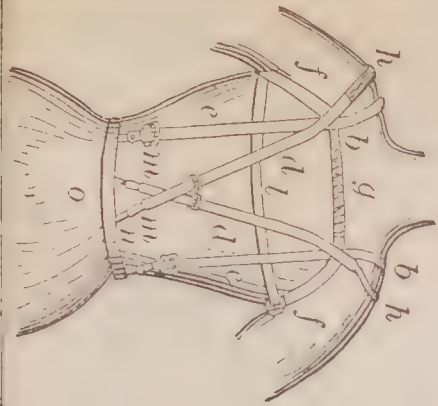


82894—S. N. Trump—Tea Tray.

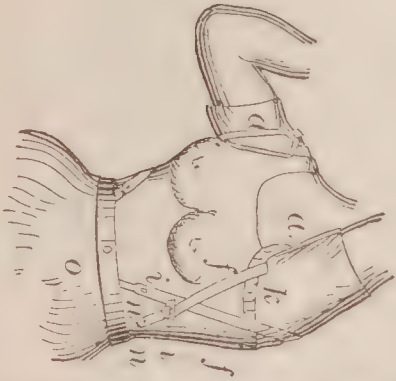




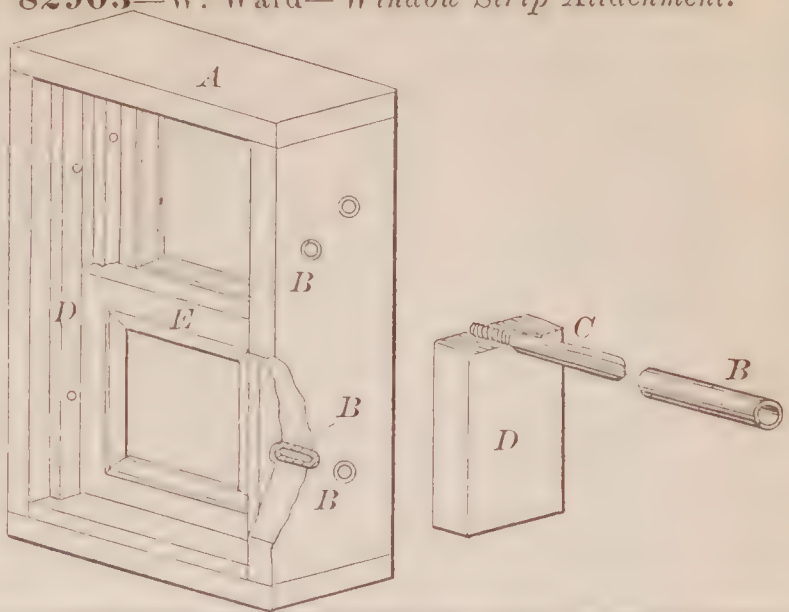
82893—C. F. Trill—*Steam Generator.*82896—M. Vanderpool—*Grain Harvester.*82897—N. S. Vedder—*Cooking Stove.*82898—J. C. Waggoner—*Smut Mill.*82902—W. Ward—*Metallic Roofing.*82899—F. F. Wagner—*Car Seat.*82900—R. K. Walton—*Spike.*



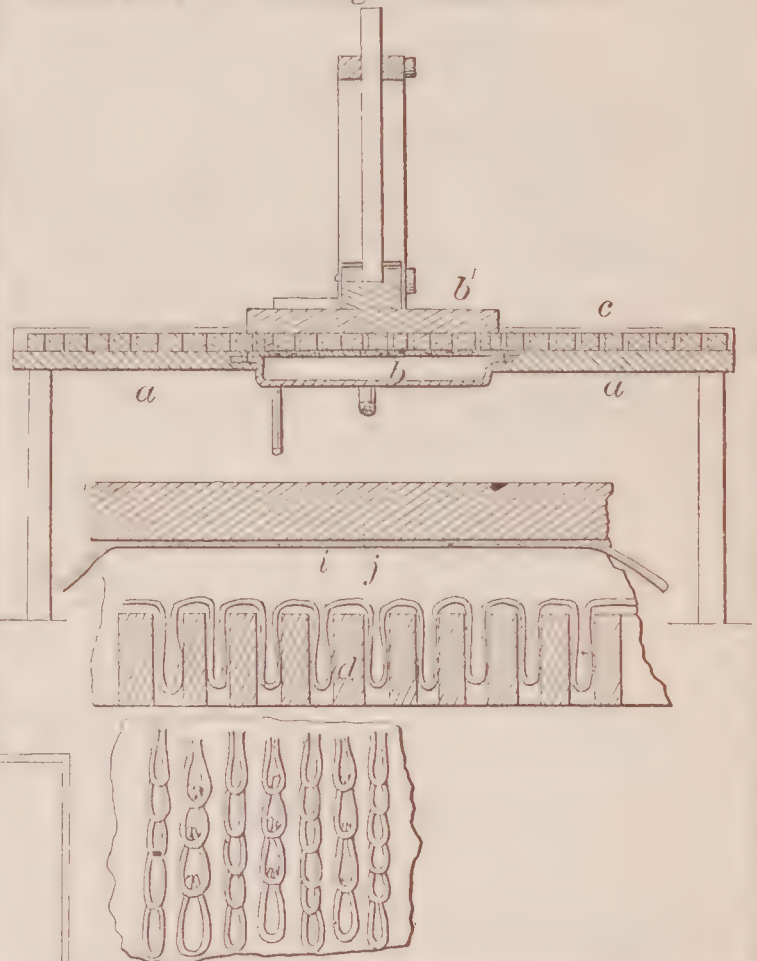
82901—Mrs. R. A. N. A. Ward—*Brace and Skirt Supporter.*



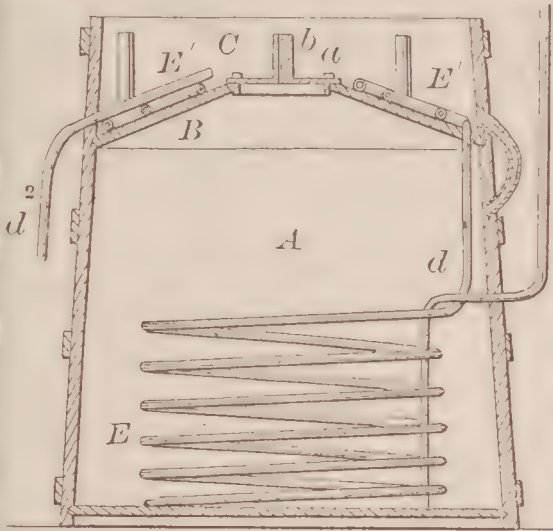
82903—W. Ward—*Window Strip Attachment.*



82904—J. T. Waring—*Felted Fabric.*



82905—E. K. Warren—*Yolk for Fermenting Ale.*



82906—F. M. Weller—*Trace Fastener.*

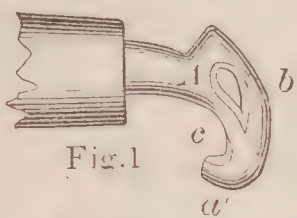


Fig.1



Fig.4

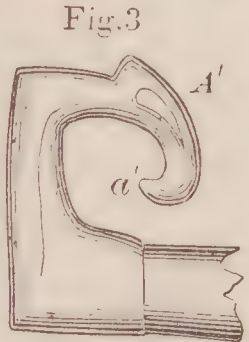
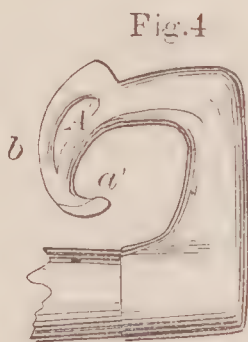
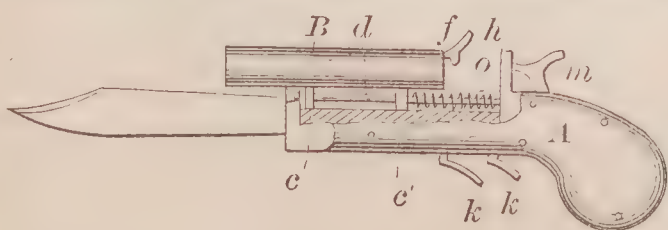


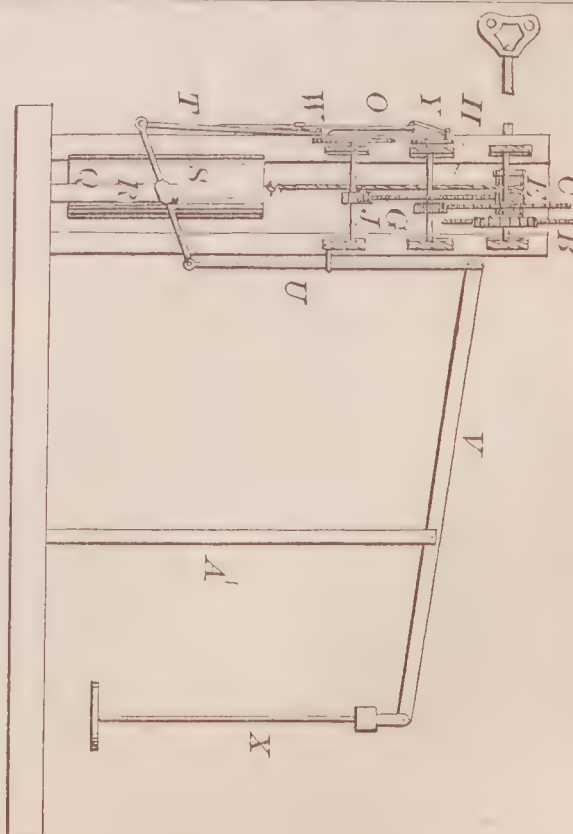
Fig.3



82908—D. Werner—*Breech-Loading Pistol.*



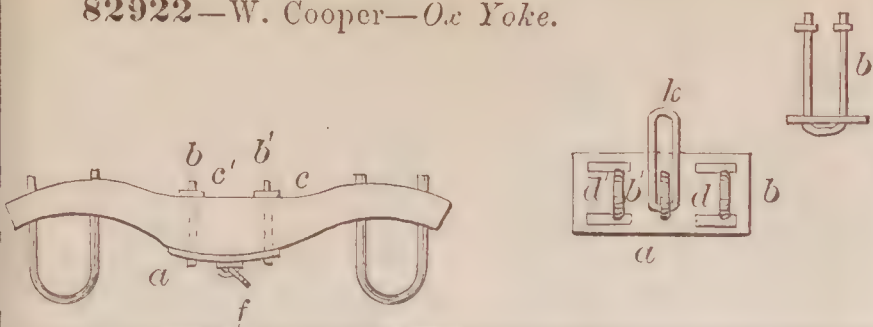
82907—C. C. Welsh—*Converting Motion.*



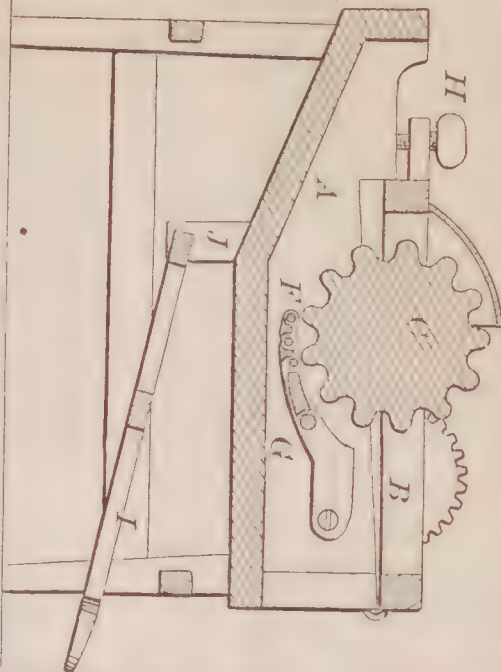




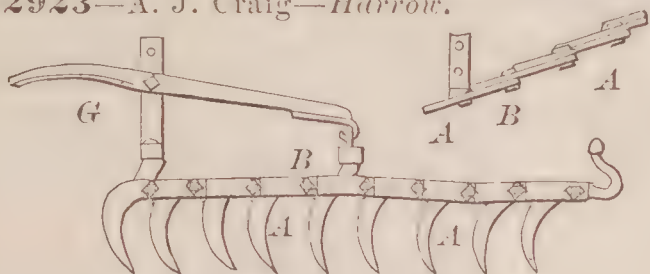
82922—W. Cooper—*Ox Yoke.*



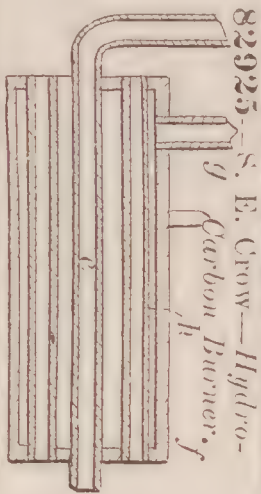
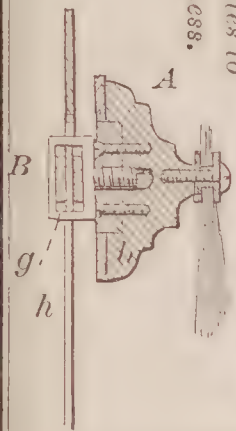
82924—C. H. Cramer—*Washing Machine.*



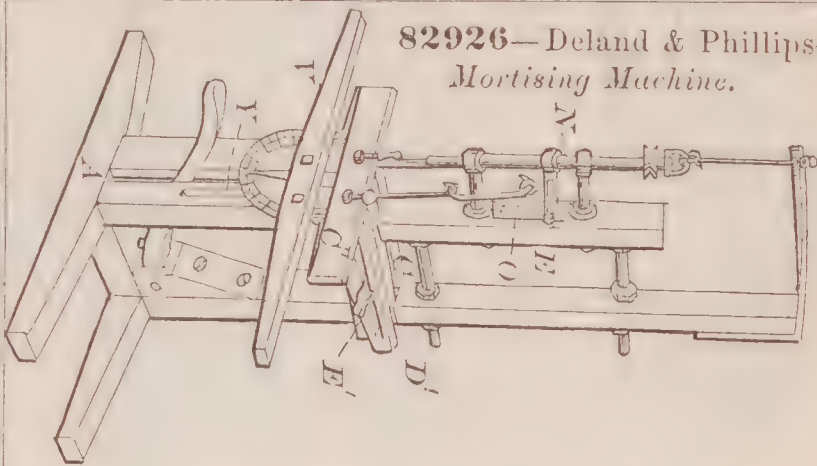
82923—A. J. Craig—*Harrow.*



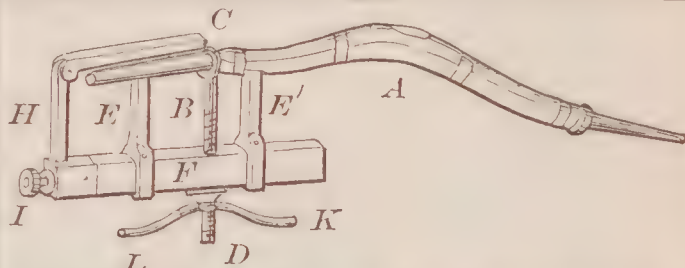
82927—W. L. Denio—*Attaching Rosettes to Harness.*



82925—S. E. Crow—*Hydro-Carbon Burner.*

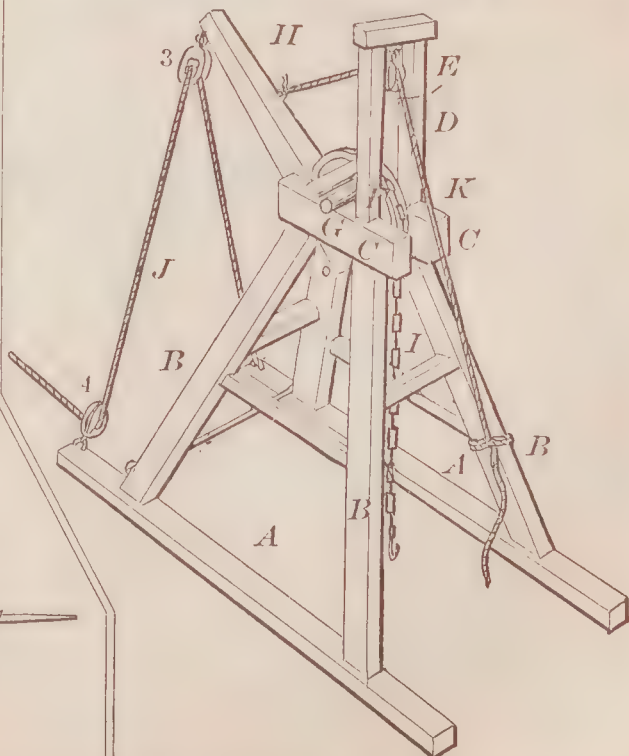


82926—Deland & Phillips—*Mortising Machine.*

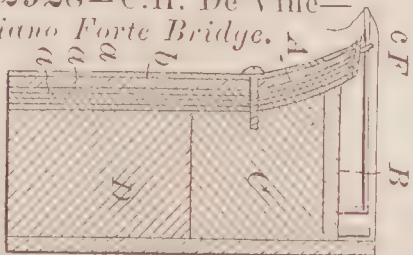


82929—D. Ducharme—*For Setting Axles to Wagons.*

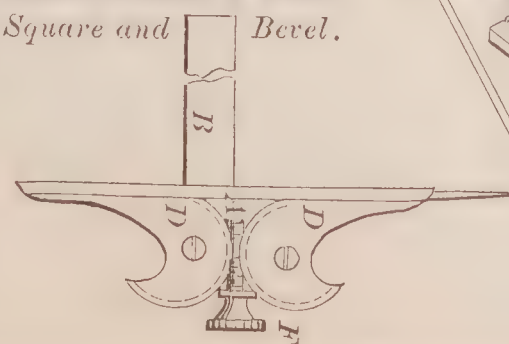
82932—R. B. Ferris—*Stump Extractor.*



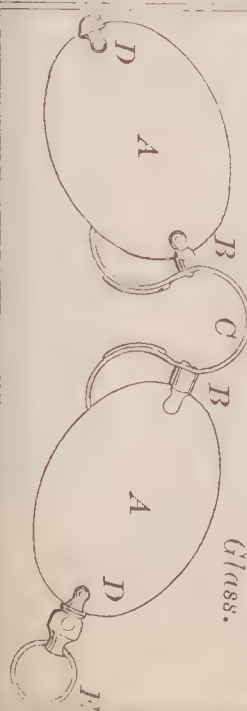
82928—C. H. De Vine—*Piano Forte Bridge.*



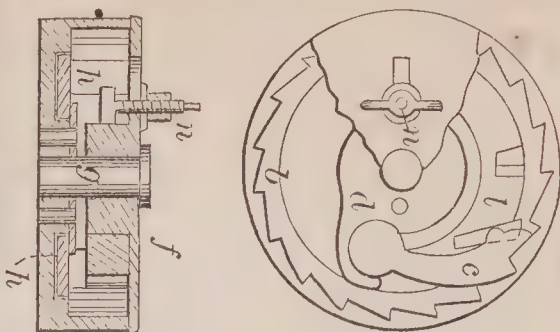
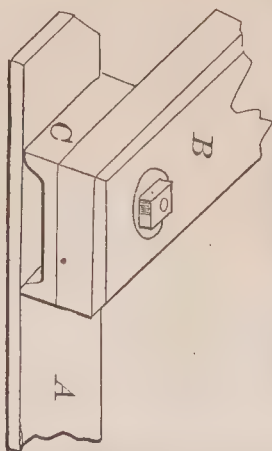
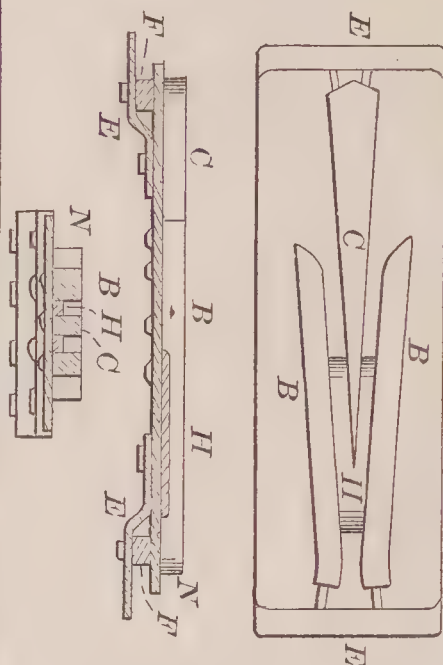
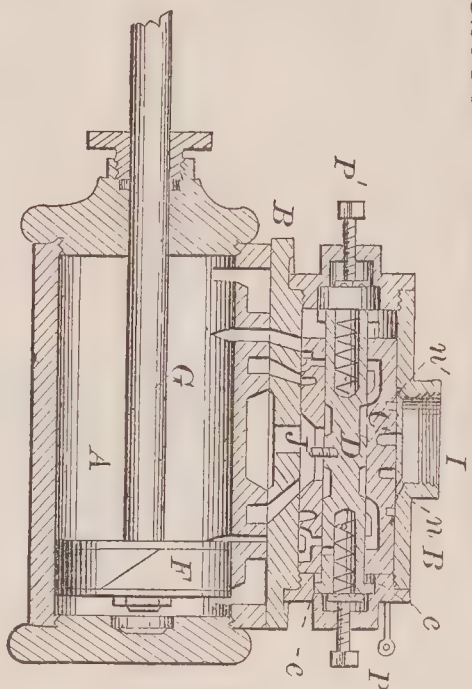
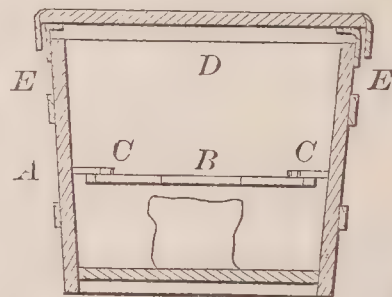
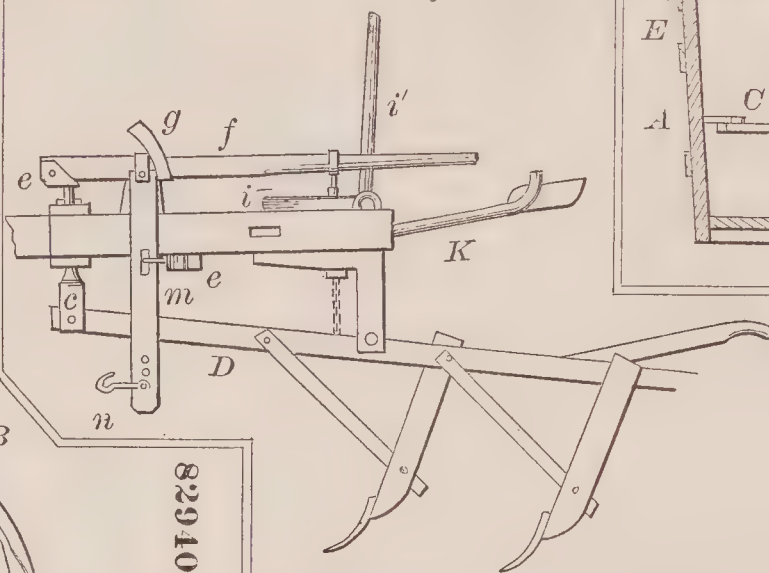
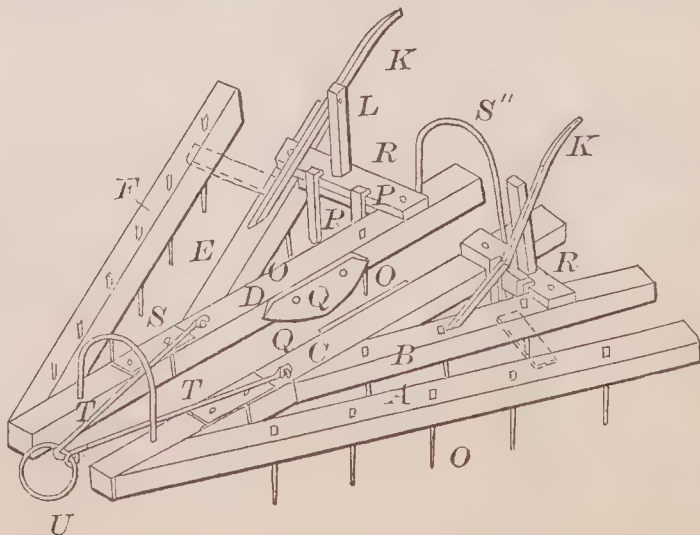
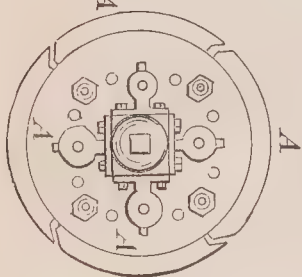
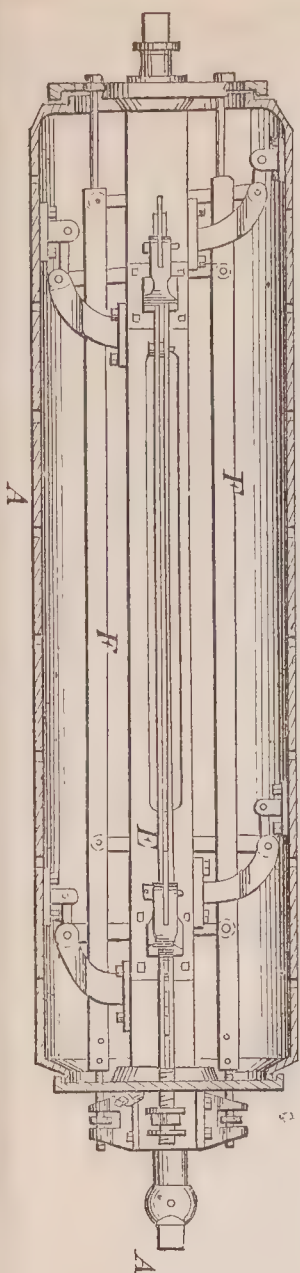
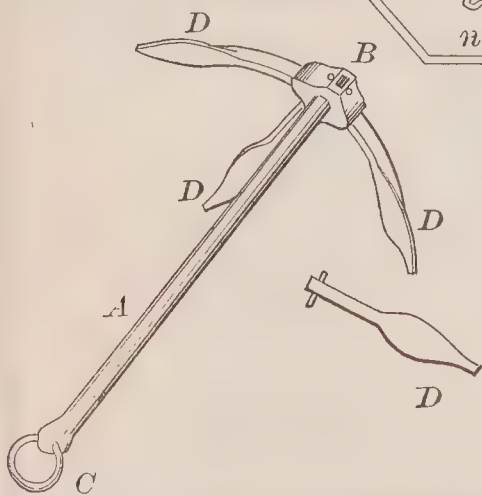
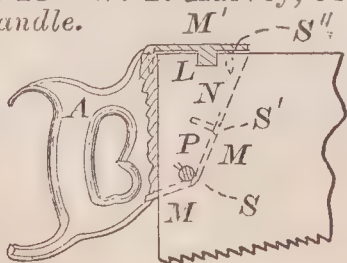
82933—Foster & Witt—*Square and Bevel.*



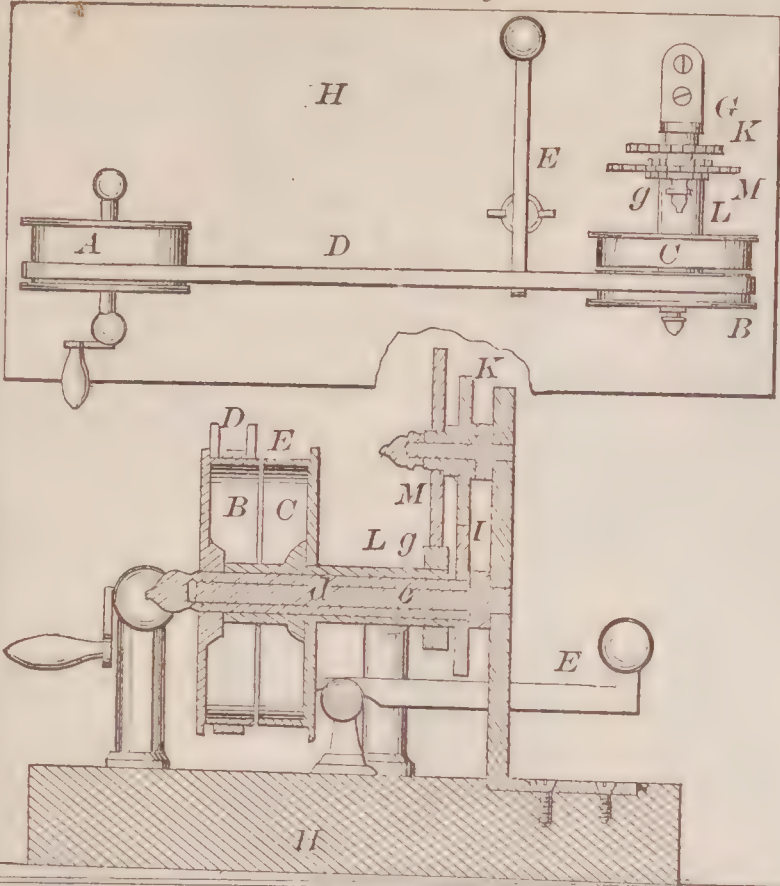
82930—C. N. Dunham—*Spectacle and Eye Glass.*



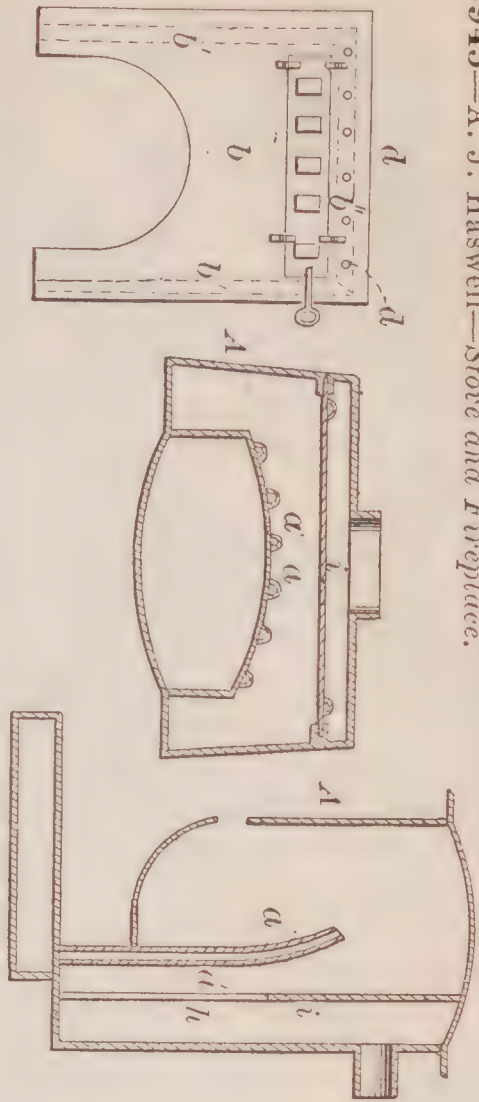


82935—J. Garfield—*Ratchet and Pawl.*82934—A. Friberg—*Plow.*82937—J. Gray—*Railway Frog.*82936—R. Gornall—*Piston Valve.*82939—E. Guyer—*Butter Tub.*82938—B. F. & J. V. Guy—*Plow.*82942—D. M. Harkrader—*Harrow and Cultivator.*82931—J. Enright—*Core Bar for Casting Pipes.*82940—J. W. Habberley—*Anchor.*82943—W. T. Harvey, Jr.—*Saw Handle.*

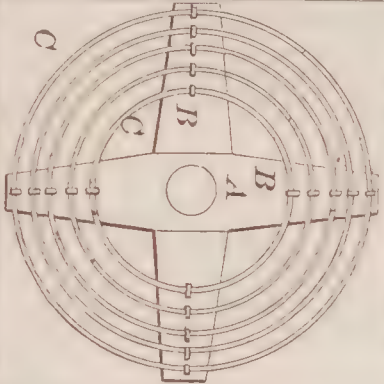
82941—T. C. Hargrave—For Changing Speed of Machinery.



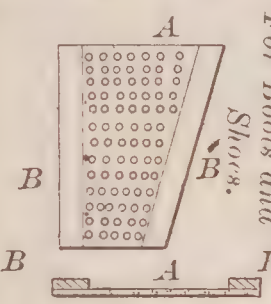
82945—A. J. Haswell—Stove and Fireplace.



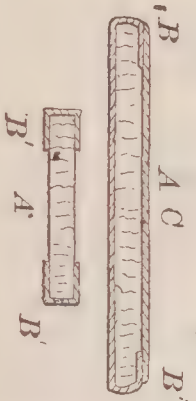
82947—Heliker & White—Churn Dasher.



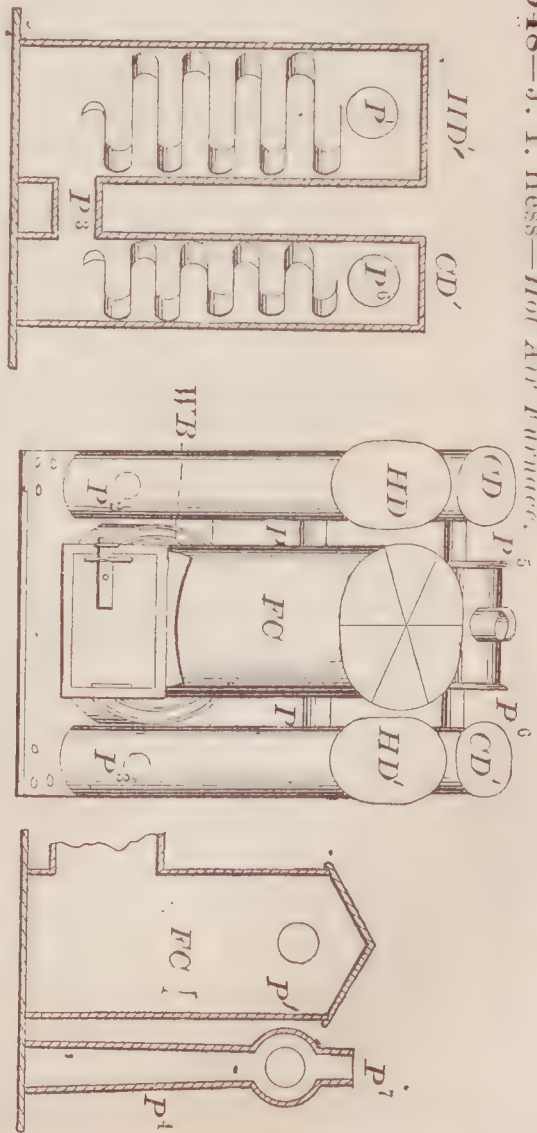
82944—J. Haskins—For Boots and Shoes.



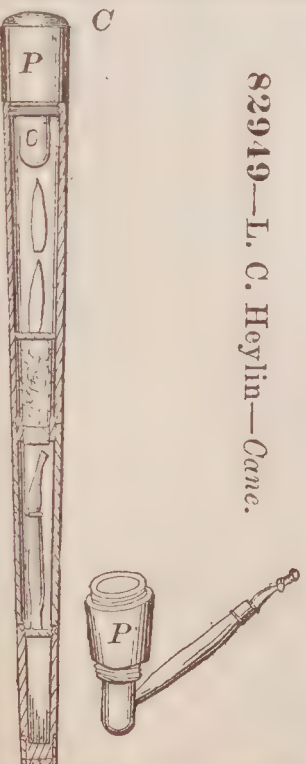
82946—C. Hay—Boot and Shoe Bottoming.



82948—J. I. Hess—Hot Air Furnace.

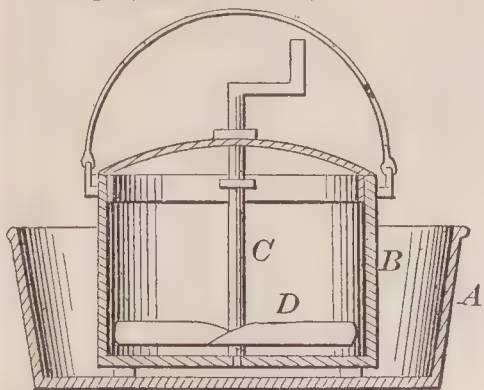


82949—L. C. Heylin—Cane.

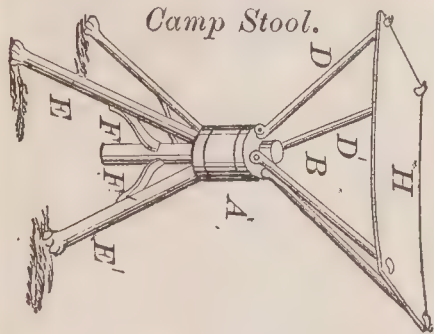




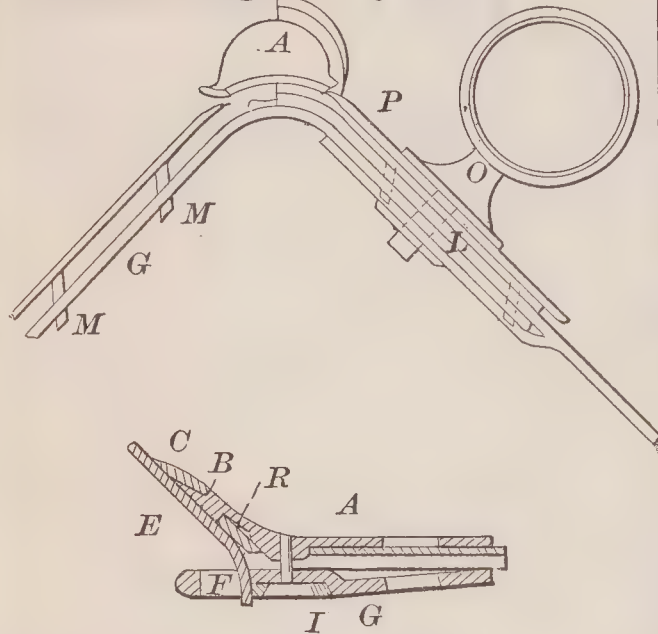
82950—D. K. Hickok—  
*Potato Washer.*



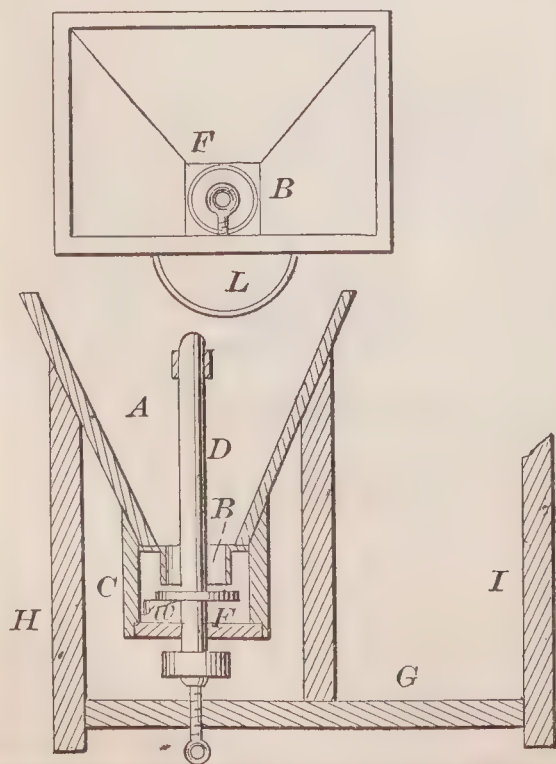
82955—J. Ingram—*Folding  
Camp Stool.*



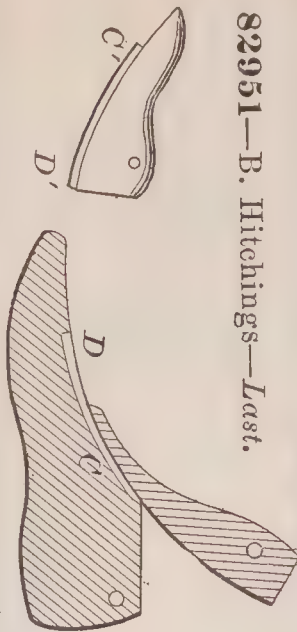
82954—J. Hughes—*Gig Saddle.*



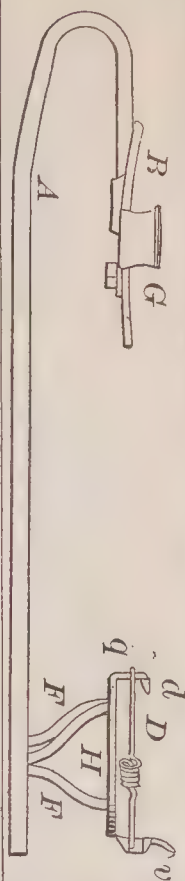
82958—D. L. Johnson—  
*Flour Dispenser.*



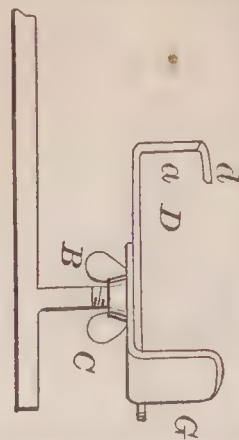
82951—B. Hitchings—*Last.*



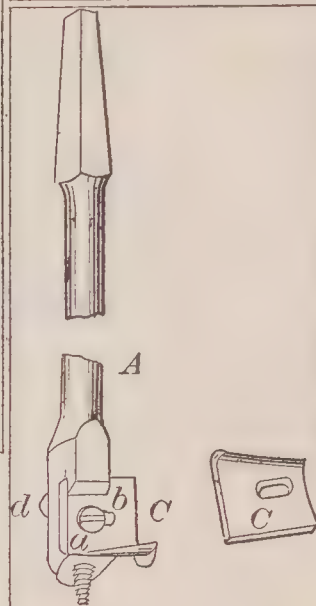
82952—H. B. Hooker—*Skate.*



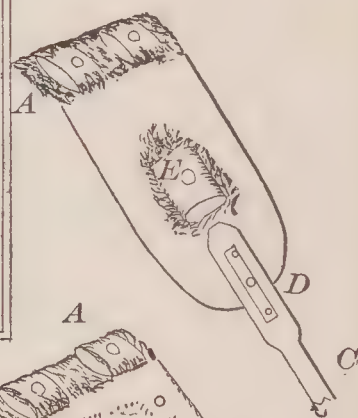
82953—H. B. Hooker—*Skate.*



82956—W. A. Ives—*Bit.*

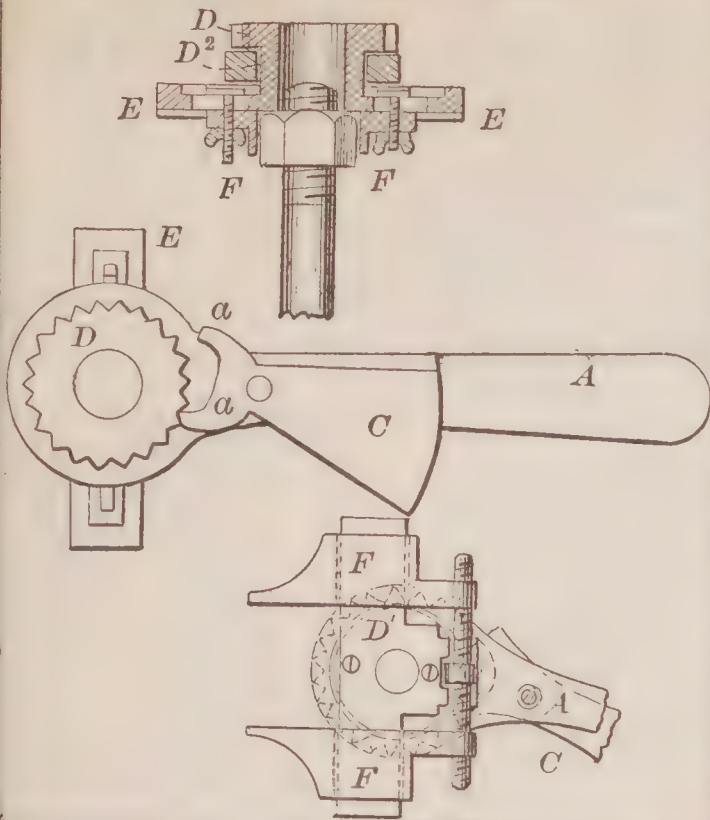


82961—J. F. Knorr—  
*Harness Saddle Tree.*

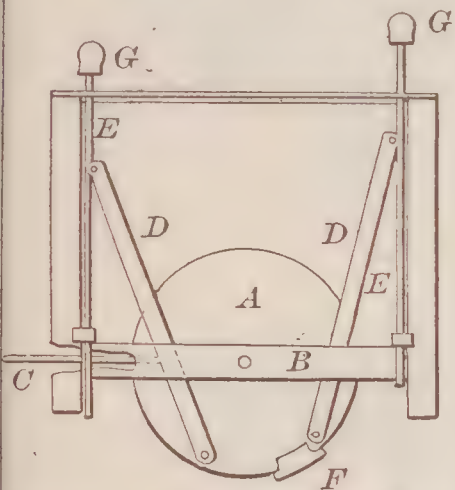




82962—E. J. Leyburn—*Wrench*.



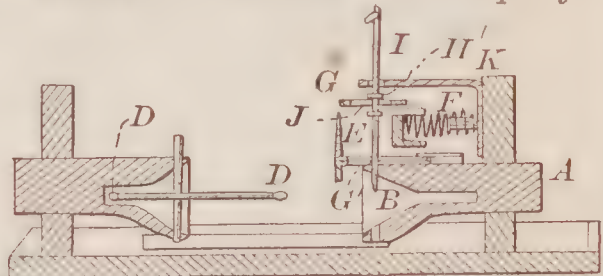
82964—J. J. P. Lyon—  
*Reciprocating Motion.*



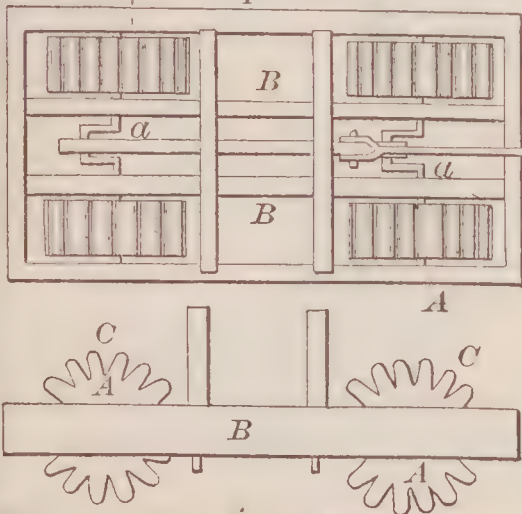
82965—W. S. Mackintosh—*Grate*  
*Bai*.



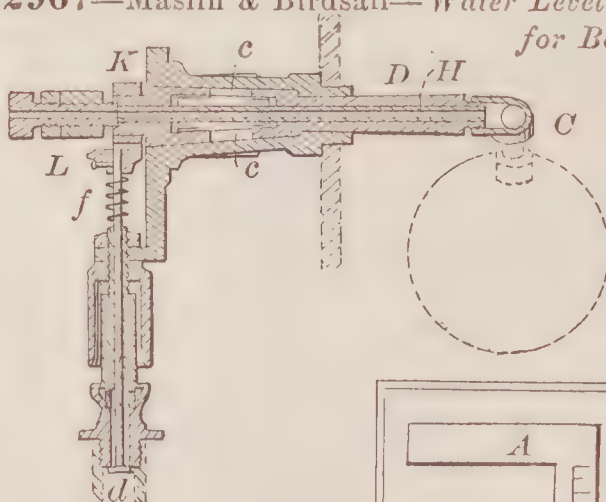
82966—S. Madden—*Car Coupling.*



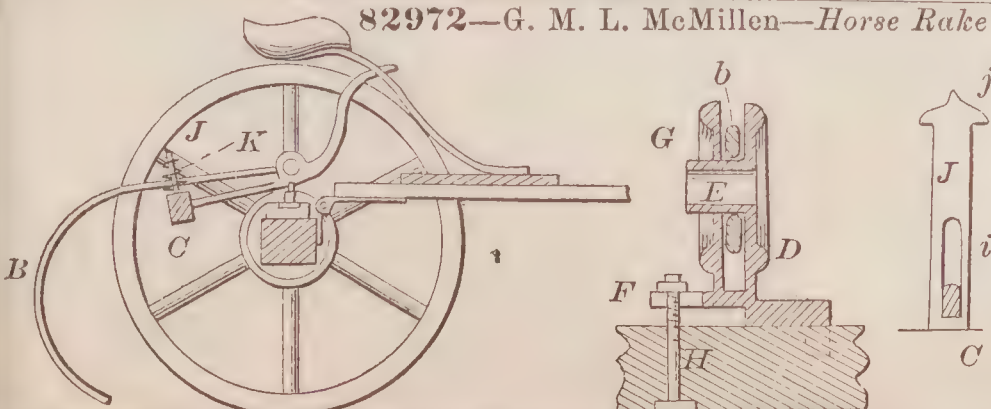
82968—E. Matteson—*Buoyant  
A Propeller.*



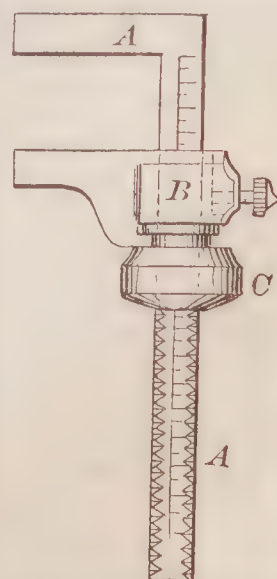
82967—Maslin & Birdsall—*Water Level Detector*  
for Boilers.



82972—G. M. L. McMillen—*Horse Rake.*

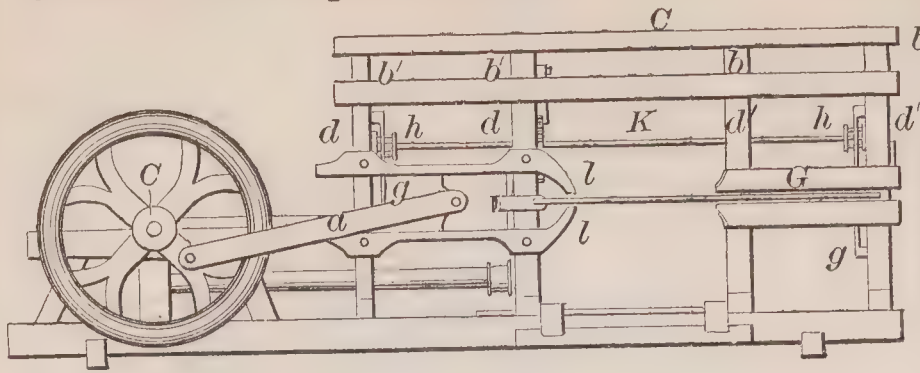


82969—La F. II. Mayott—Gange.

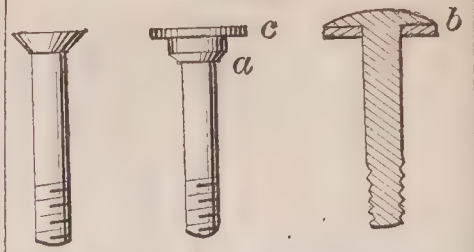




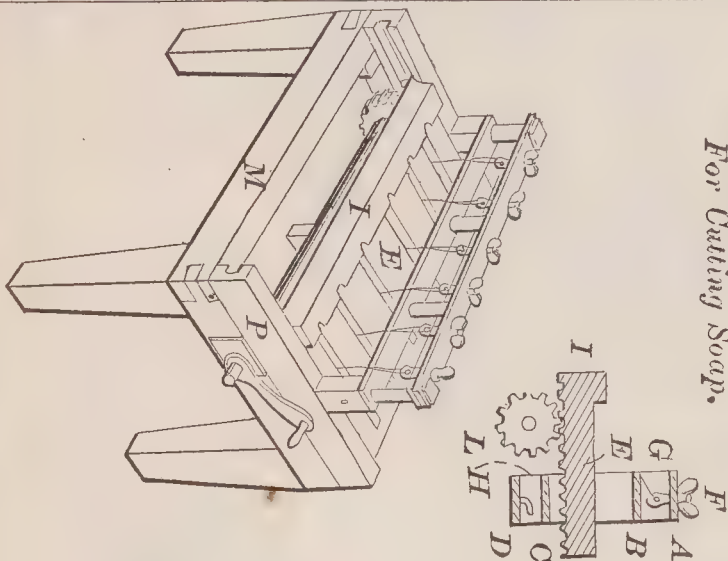
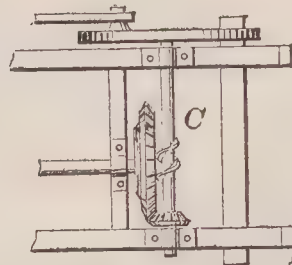
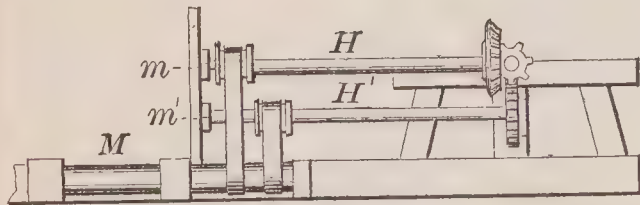
82970—A. McCreight—Saw Mill.



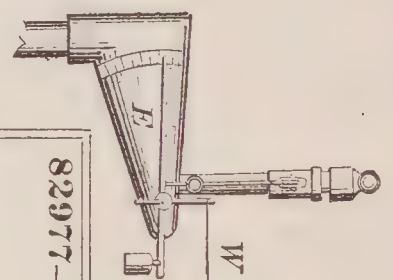
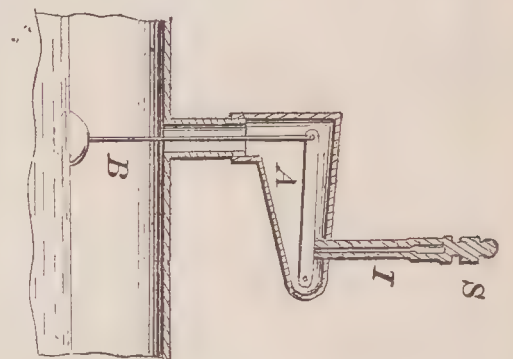
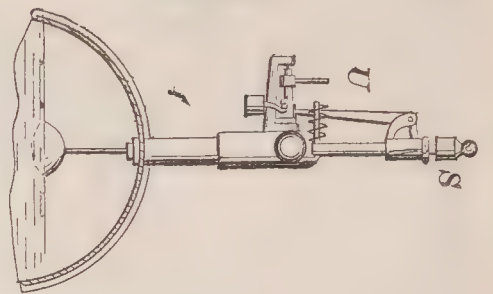
82973—F. S. Miles—Bolt Head.



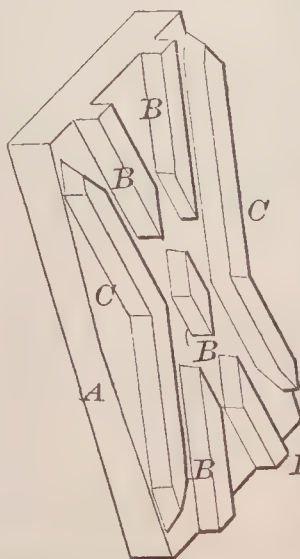
82975—A. G. Morey—Mattress.

82971—P. B. McKelvey—  
For Cutting Soap.

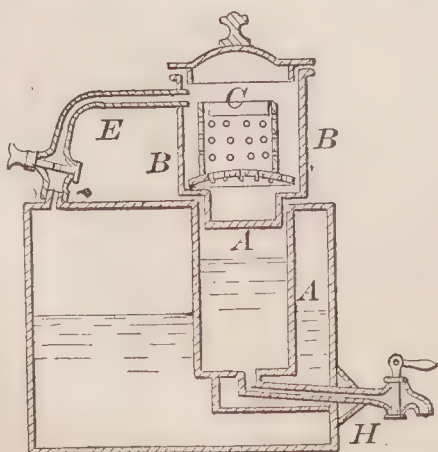
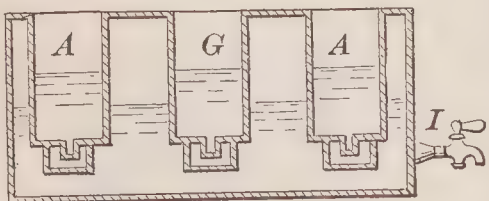
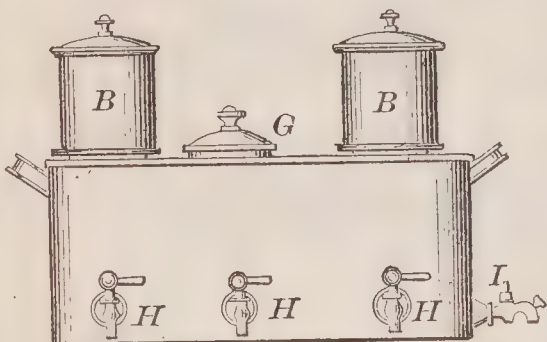
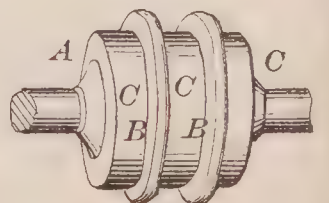
82974—W. Moore—Low Water Indicator.



82977—W. H. Nobles—Railway Frog.

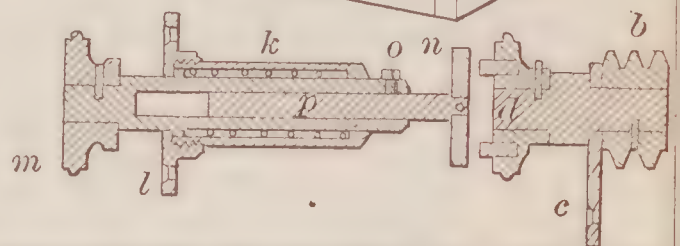
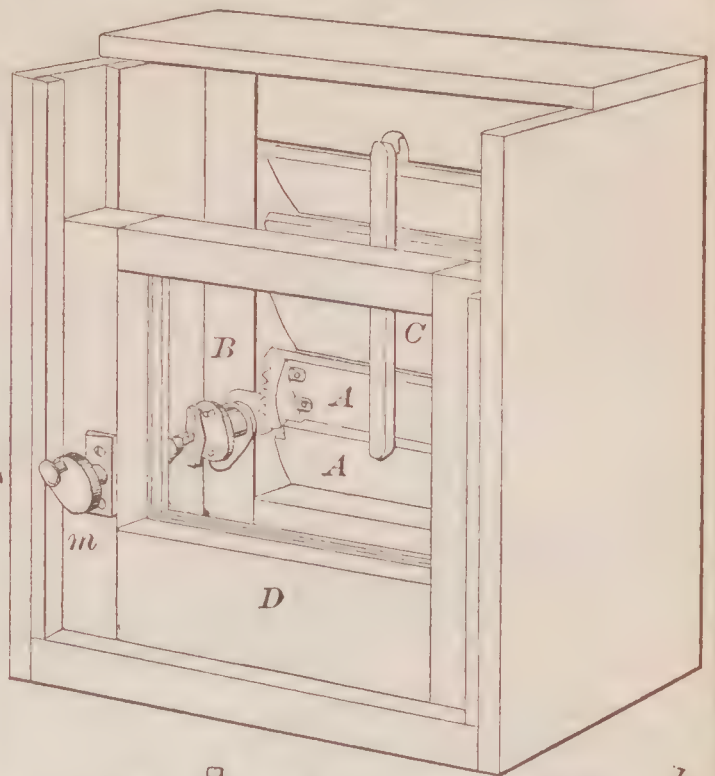


82978—W. H. Nobles—Car Wheel.

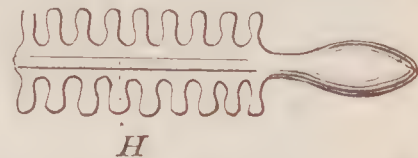


82976—C. G. Murch—Coffee and Tea Steamer.

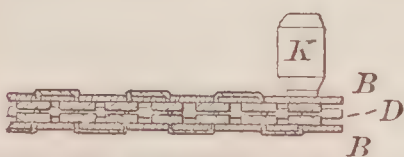
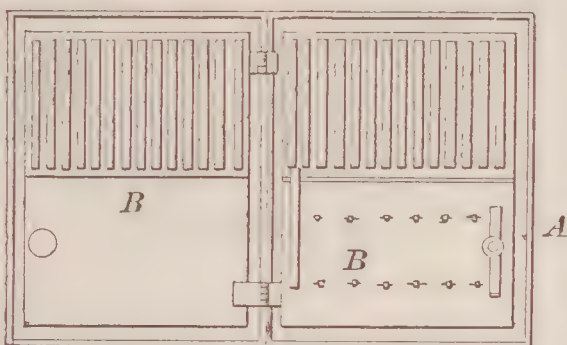
82980—O. Paddock—*Shutter Fastening.*



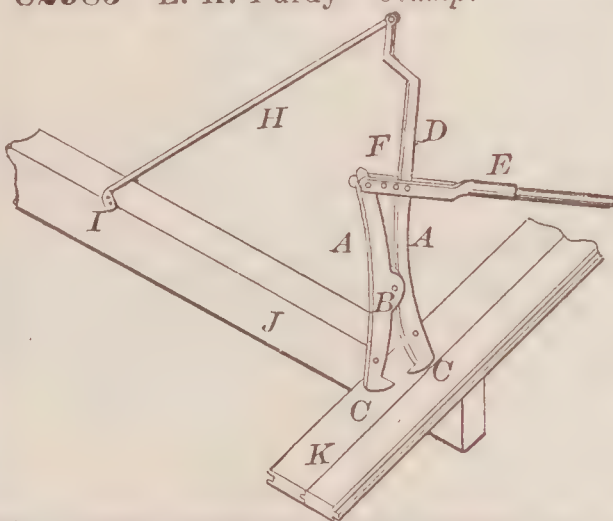
82982—W. Patton—*For Dyeing Hair.*



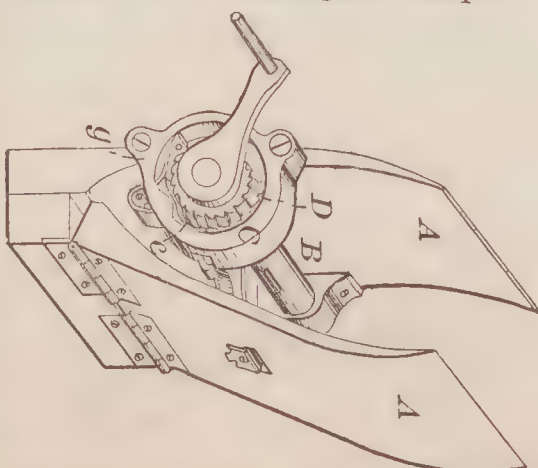
82981—H. Palmer—*Voltaic Battery.*



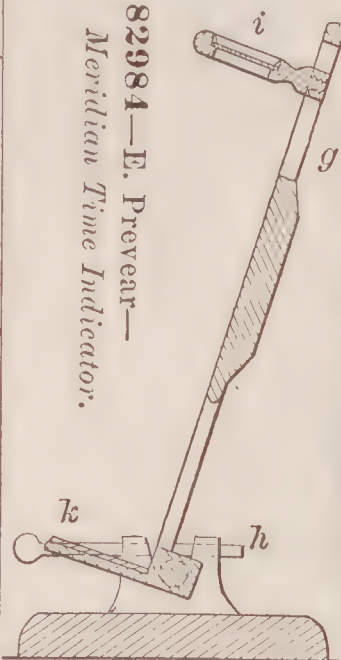
82985—E. K. Purdy—*Clamp.*



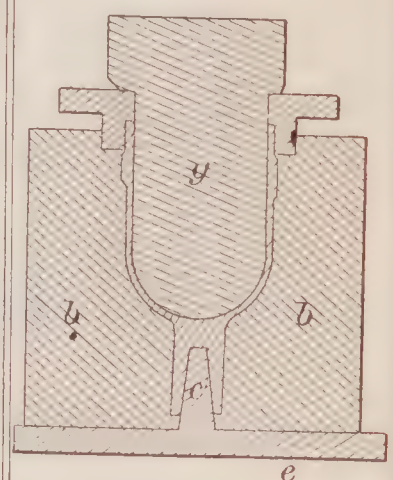
82986—W. K. Rairigh—*Clamp.*



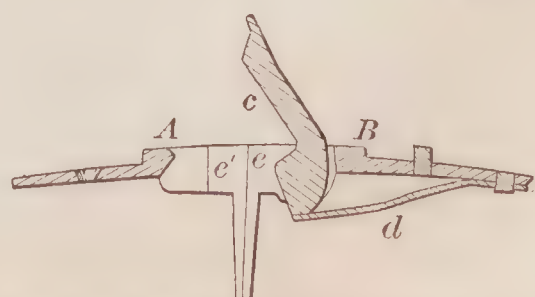
82984—E. Prevear—*Meridian Time Indicator.*



82983—J. P. Pears—*Glassware.*

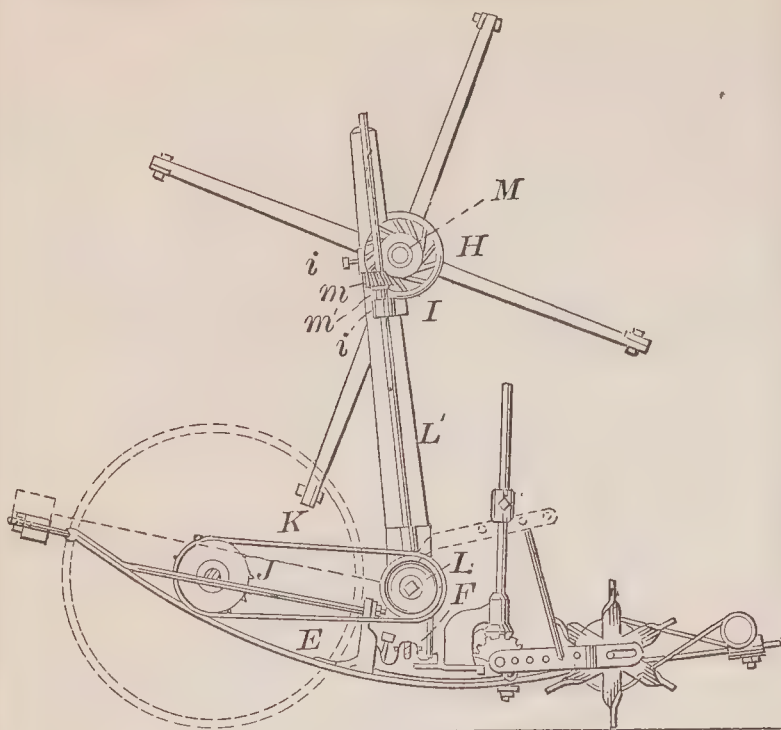


82988—L. Ranson—*Trunk Clasp.*

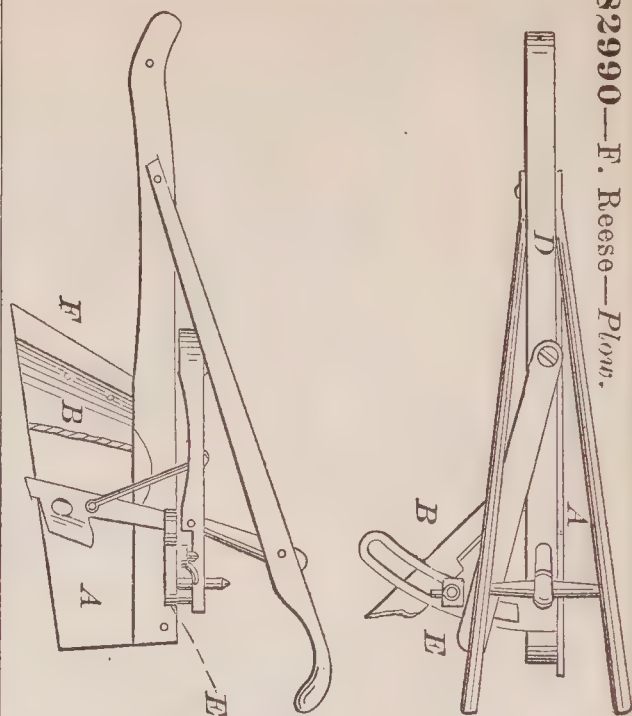




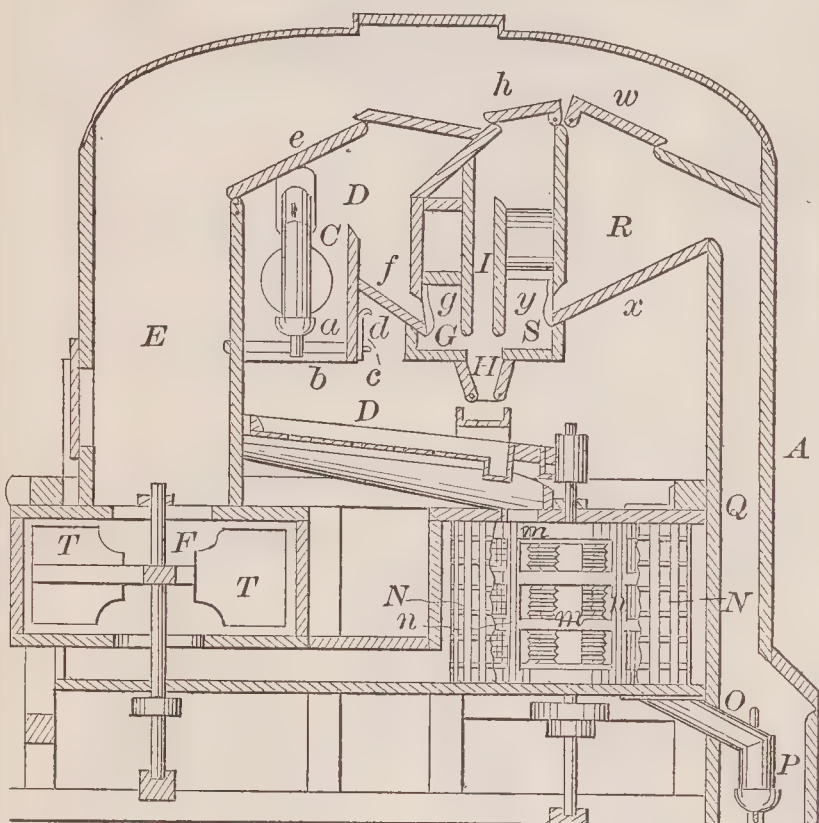
82987—Rank &amp; Cox—Harvester.



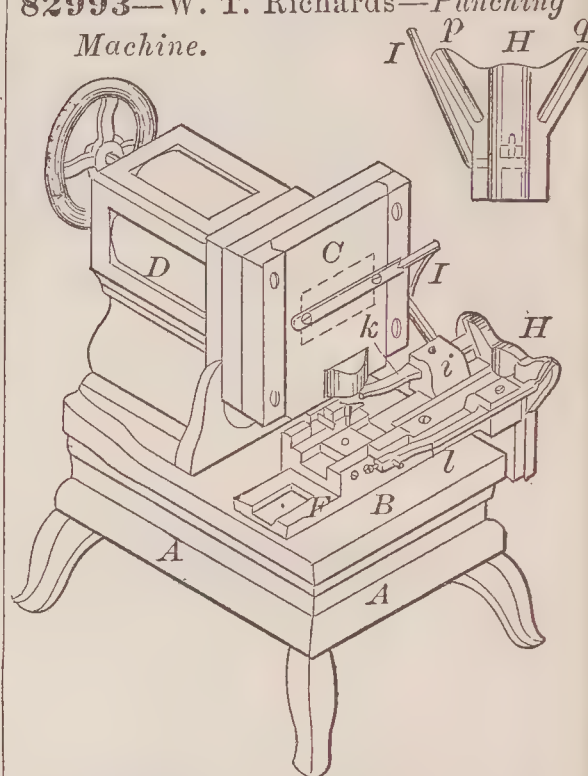
82990—F. Reese—Plow.



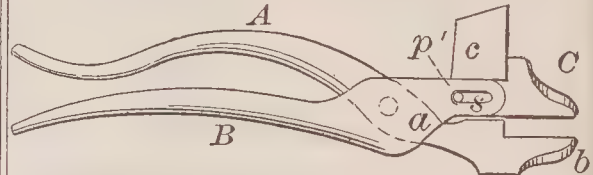
82989—P. N. &amp; J. Recker—Grain Separator.



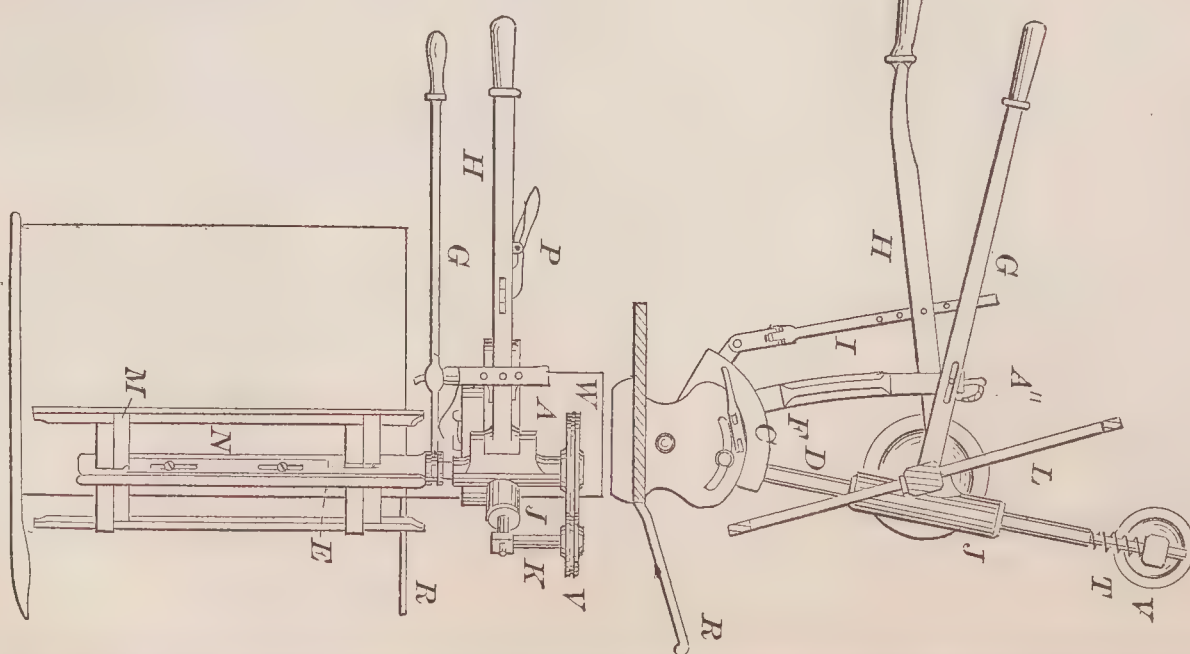
82993—W. T. Richards—Punching Machine.



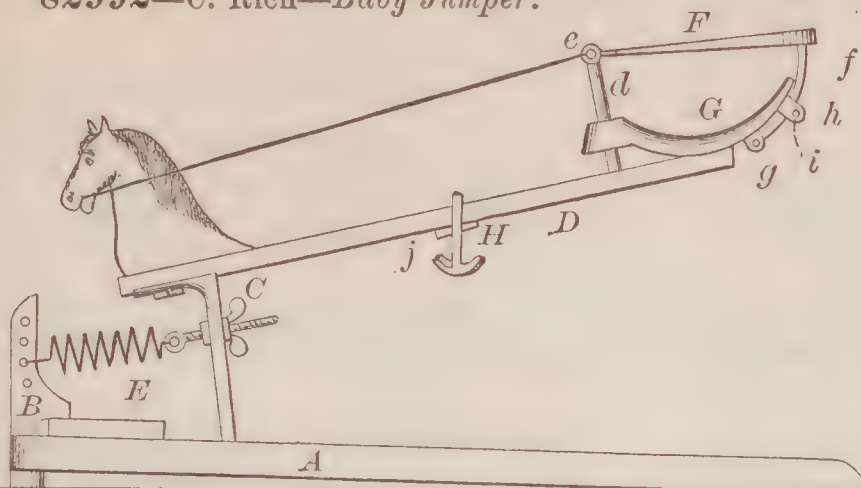
82994—E. P. Russell—Wrench.



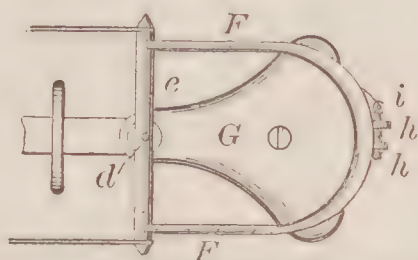
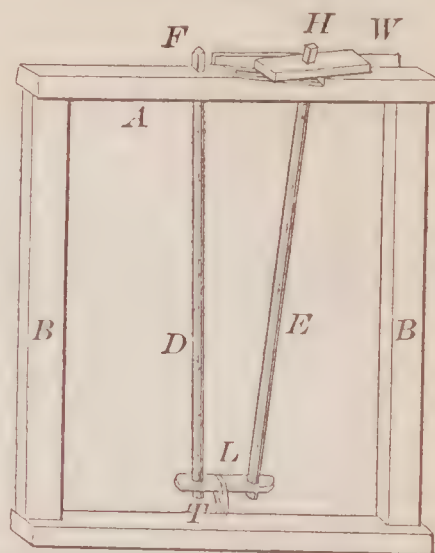
82991—Reeve &amp; Smith—Harvester Rake.



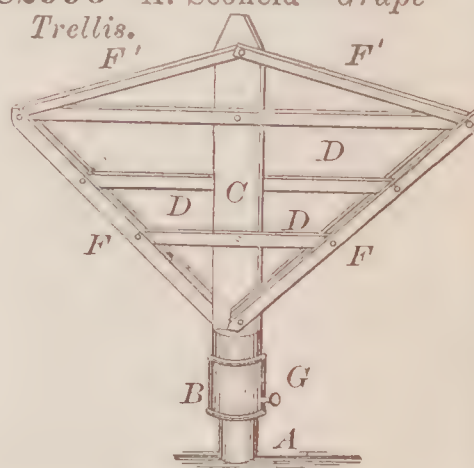
82992—C. Rich—*Baby Jumper.*



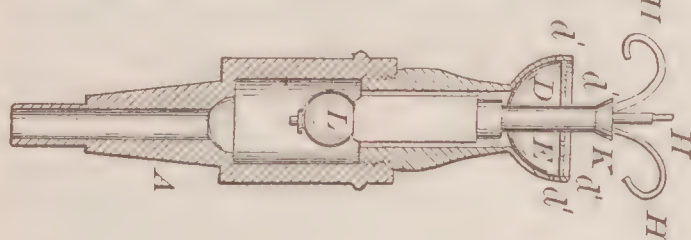
82995—L. S. Safford—*Stanchion for Fastening Cattle.*



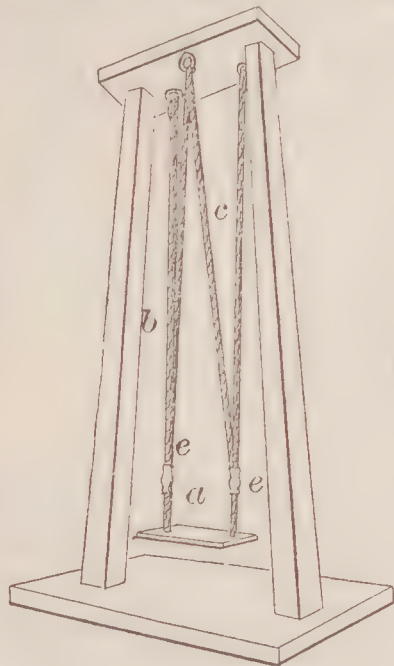
82996—A. Scofield—*Grape Trellis.*



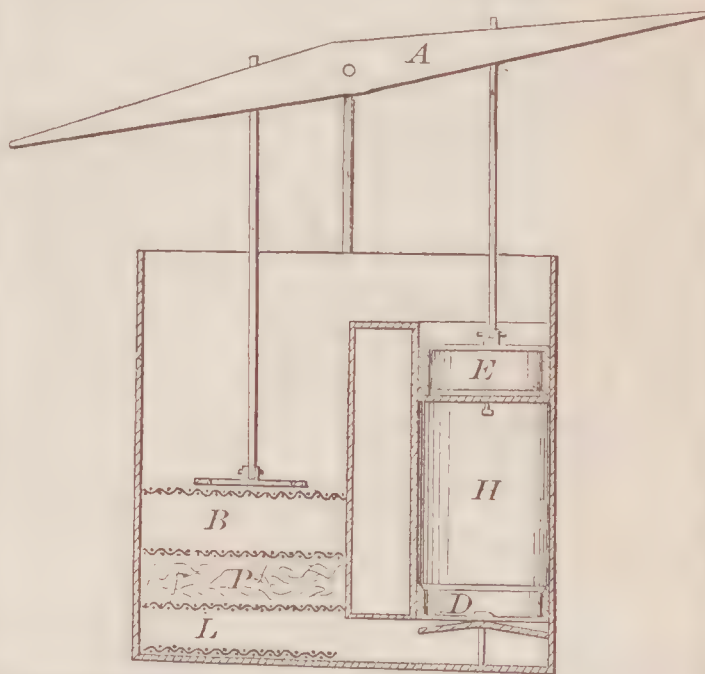
82997—M. Serannage—*Tumbler Washer.*



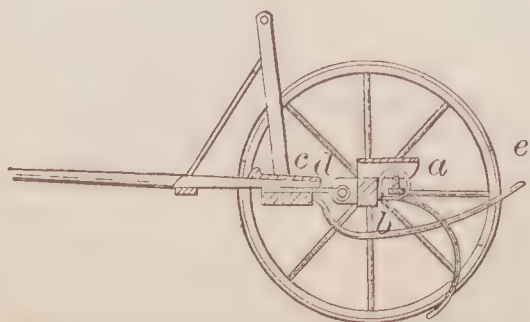
82998—G. A. Seaver—*Swing.*



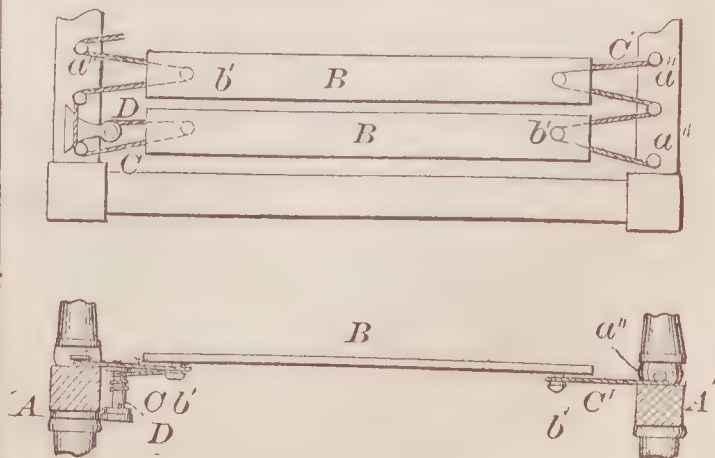
82999—N. M. Shafer—*Washing Machine.*



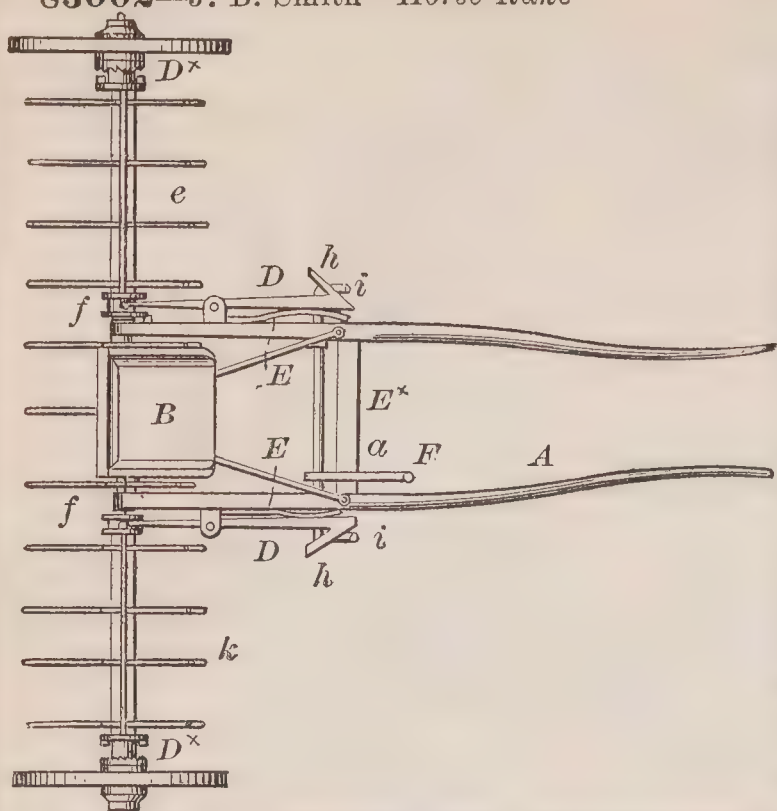
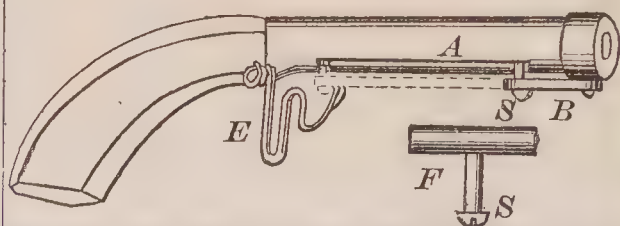
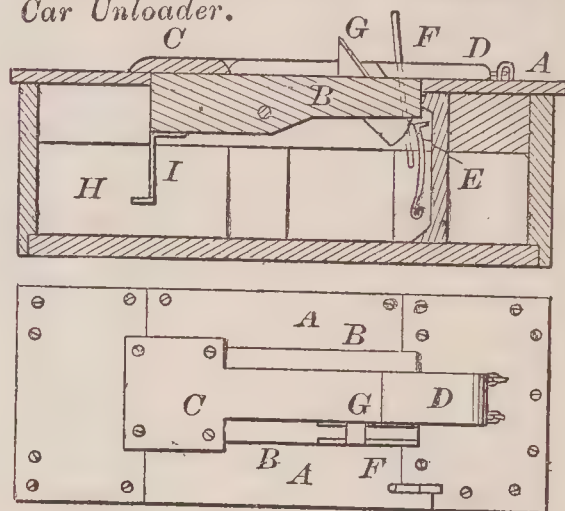
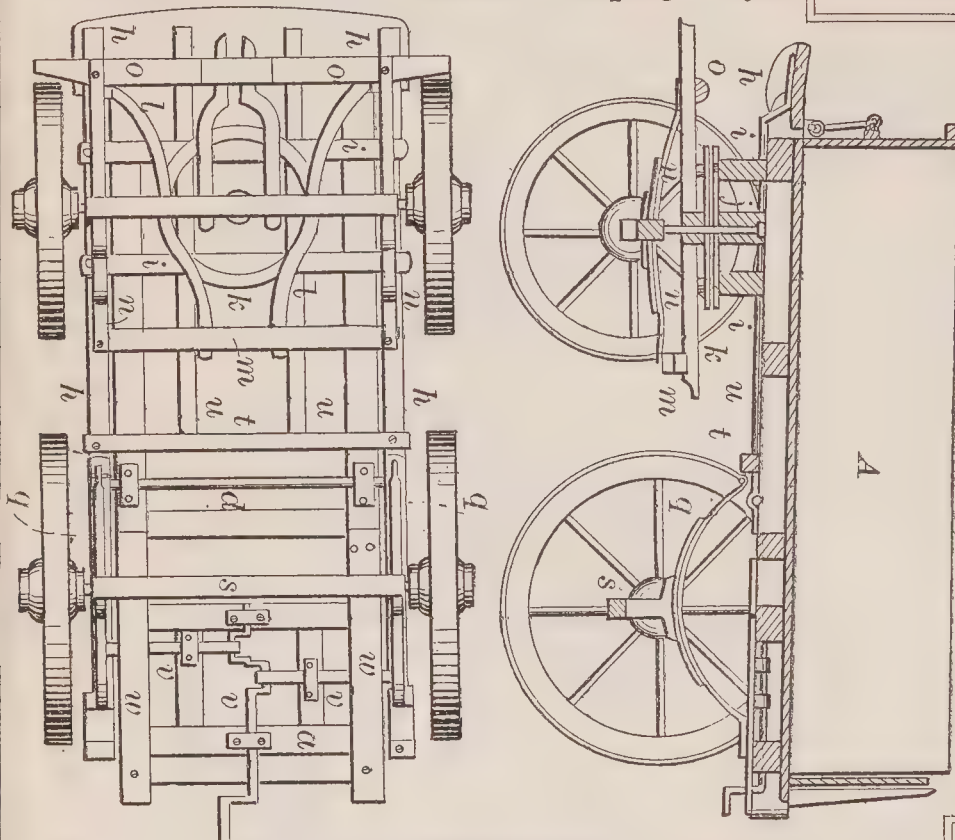
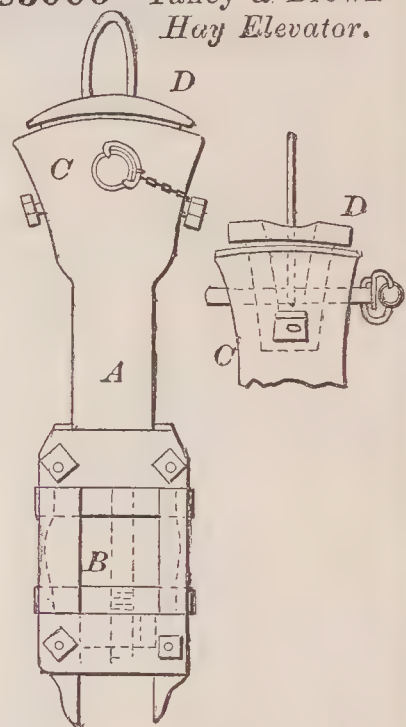
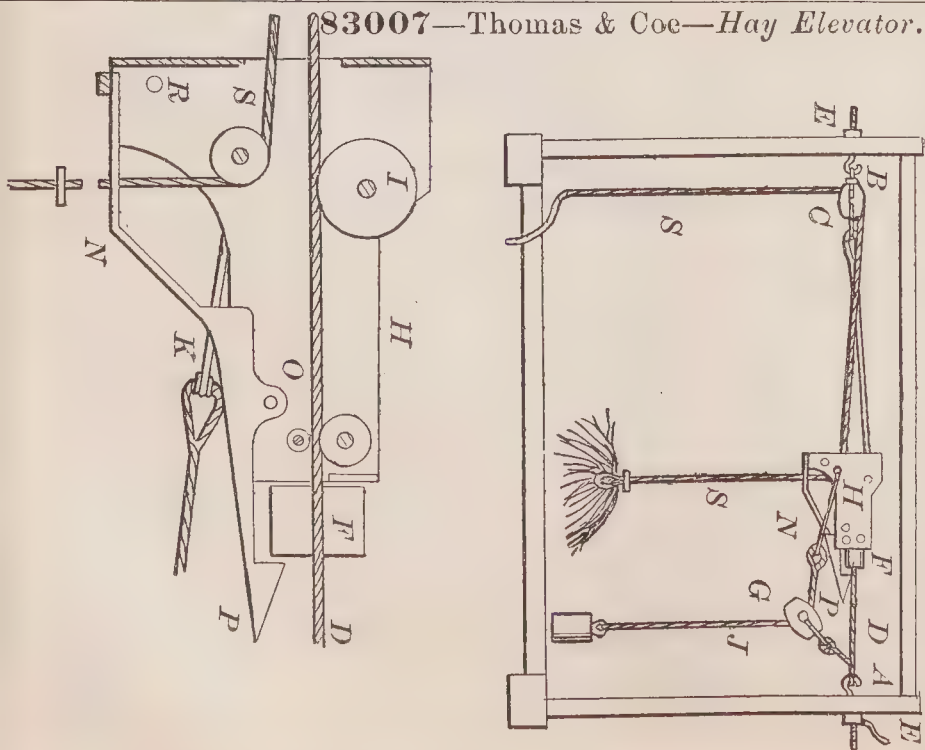
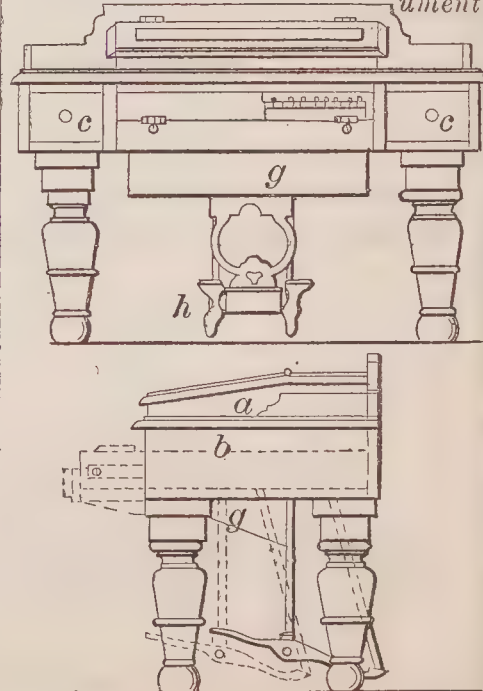
83000—Shaler & Barlow—*Horse Rake.*



83001—J. J. Smith—*Bed Bottom.*

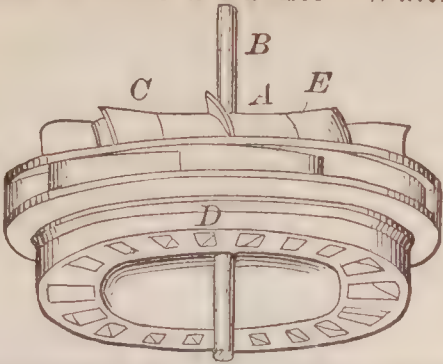




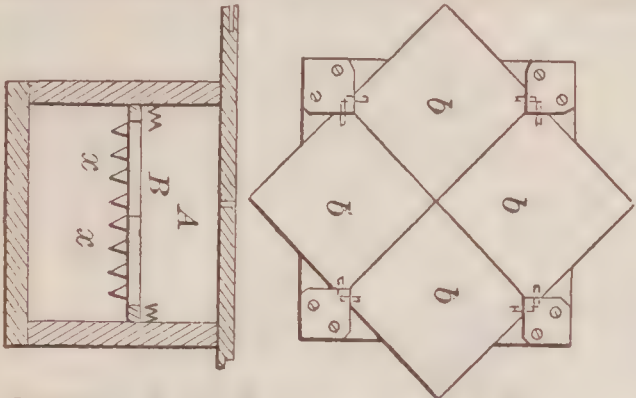
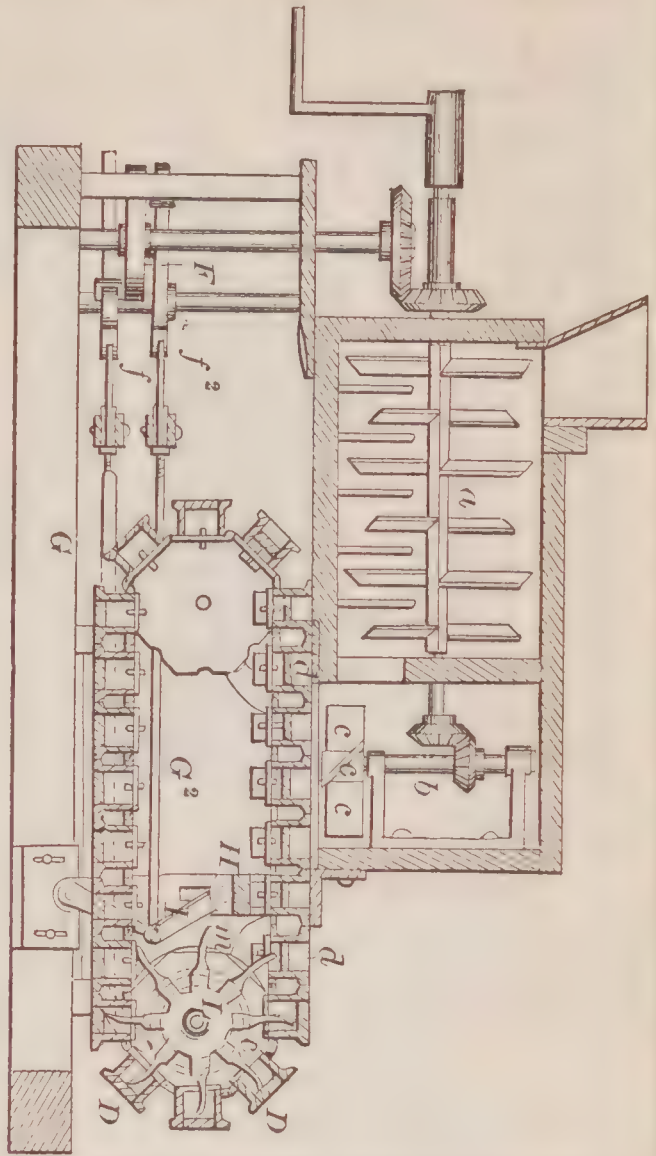
83002—J. B. Smith—*Horse Rake*83004—G. Stackpole—*Toy Pistol*.83005—N. Swickard—*Wagon and Car Unloader*.83003—G. R. & C. H. Sneath—*Dumping Wagon*.83006—Taney & Brown—*Hay Elevator*.83007—Thomas & Coe—*Hay Elevator*.83008—W. O. Trowbridge—*School Desk and Musical Instrument*.



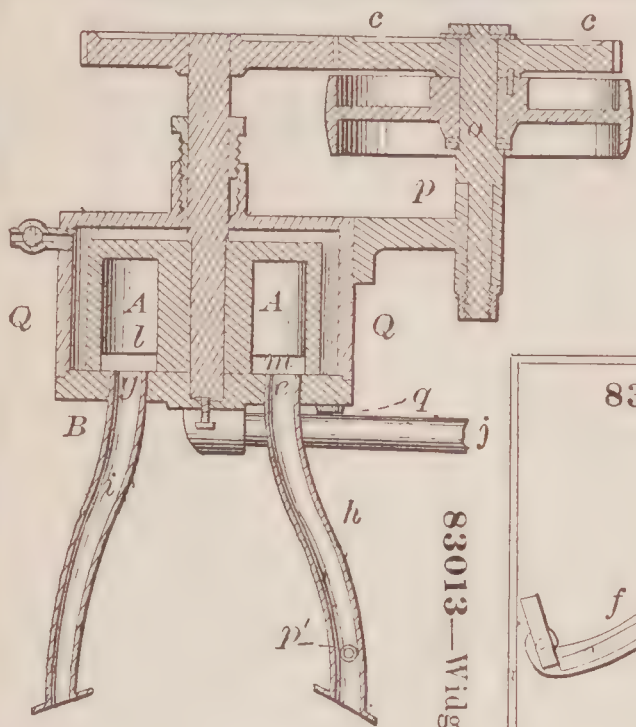
83009—Tucker & Palmer—Water Wheel.



83010—P. & J. Wabrath—Brick Machine.

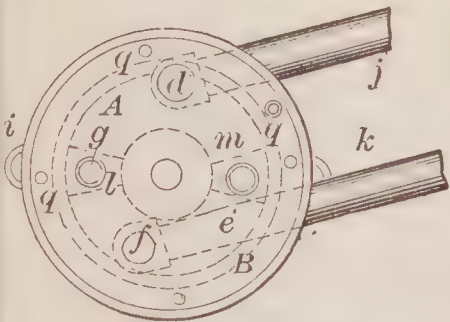
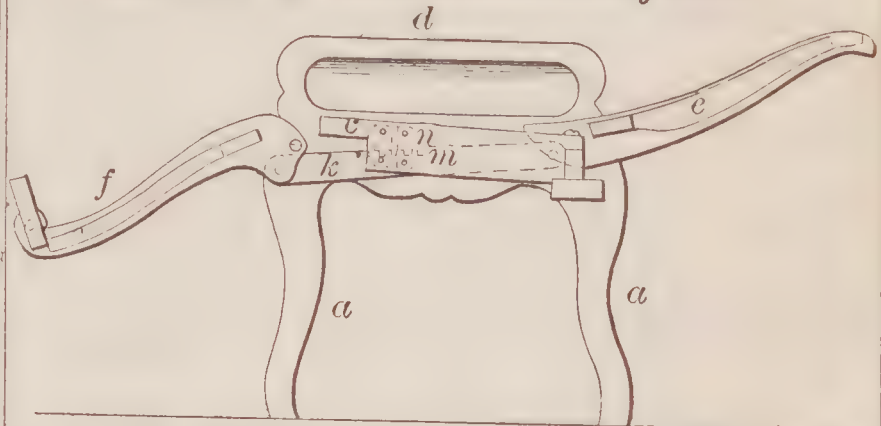


83011—A. L. Waring—Animal Trap.

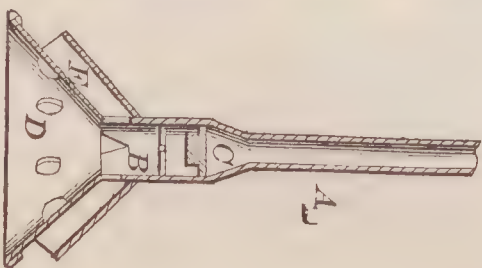


83013—Widgeon & Frey—Boiler Feeder.

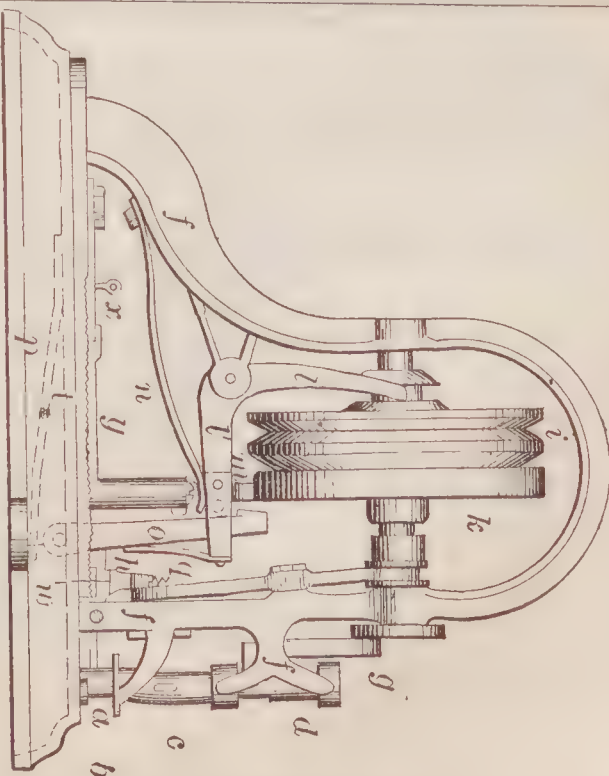
83012—J. W. Wetherbee—Reclining Chair.



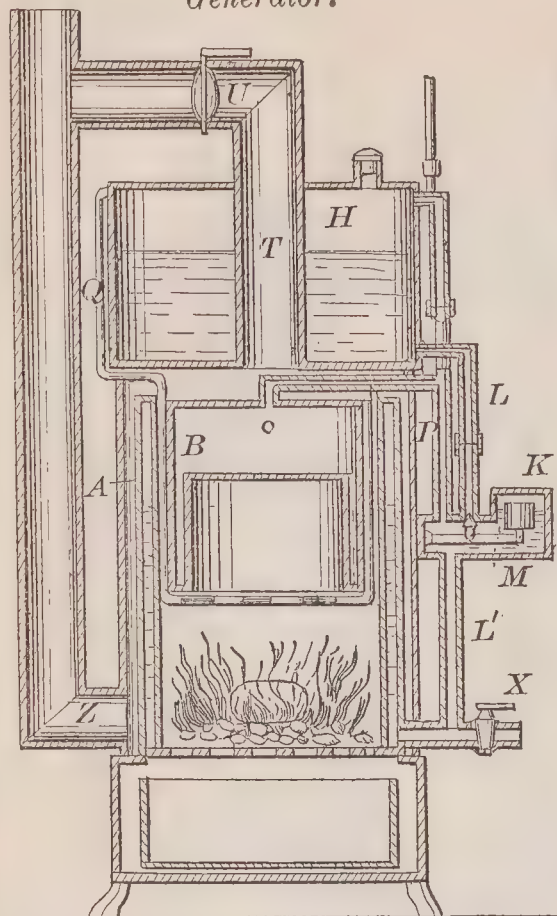
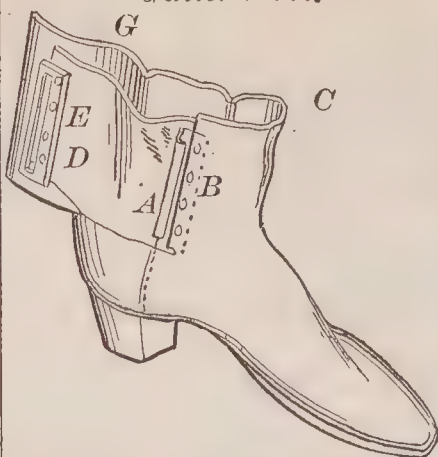
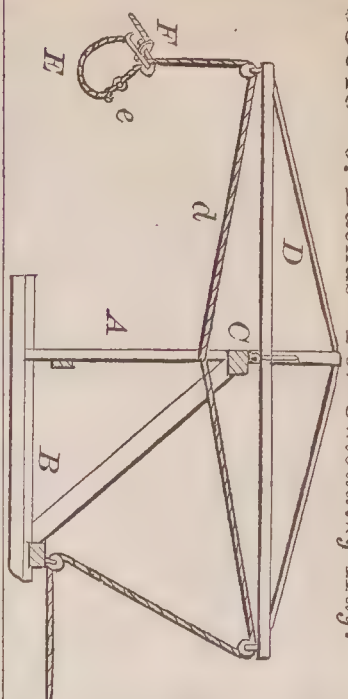
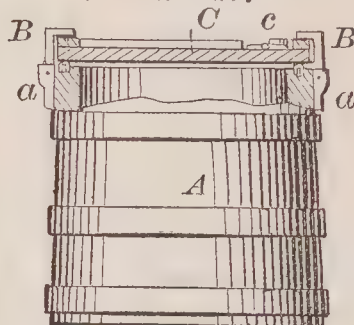
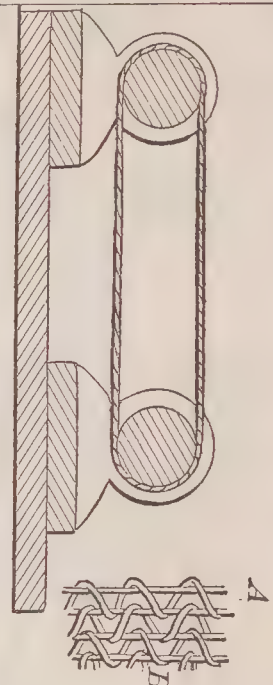
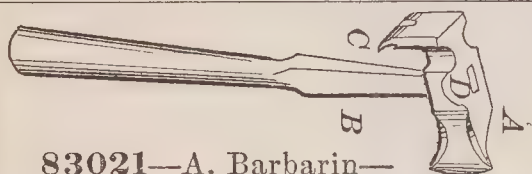
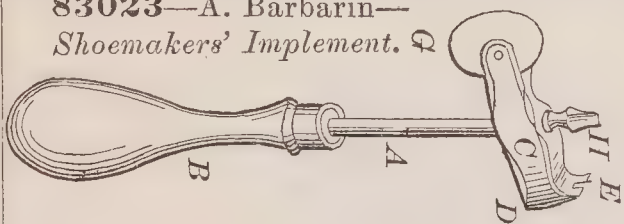
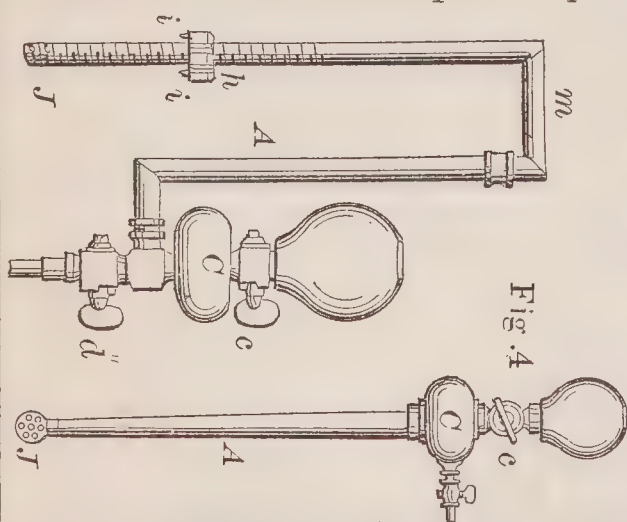
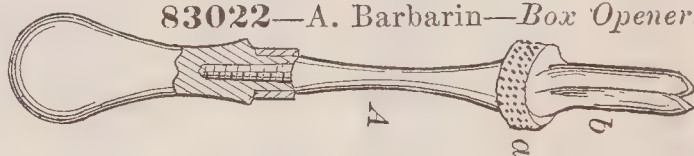
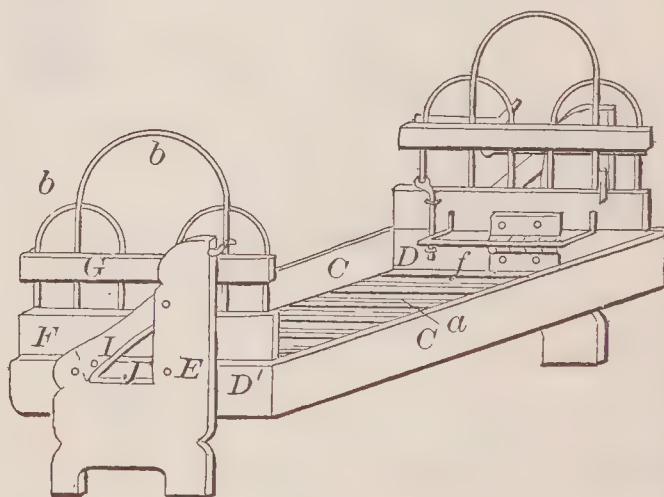
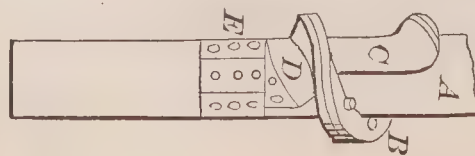
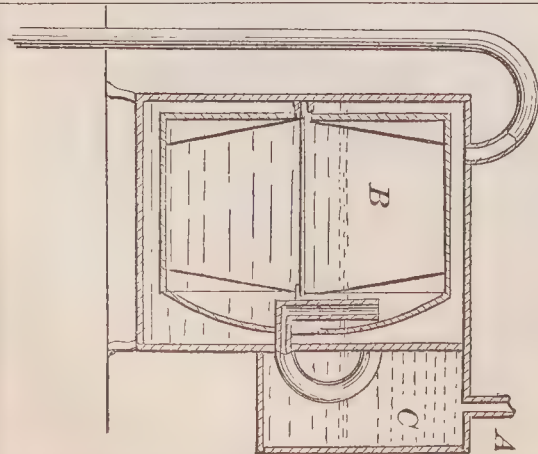
83015—S. Yates—Churn Dasher.



83014—J. E. Wiggins—Punching Machine.

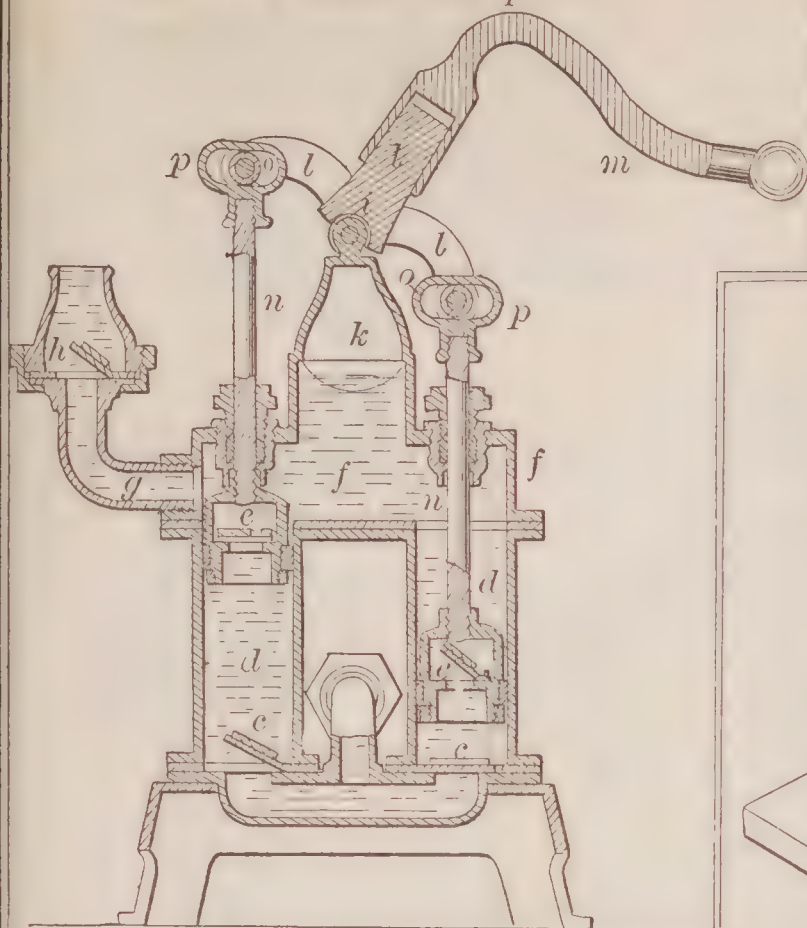




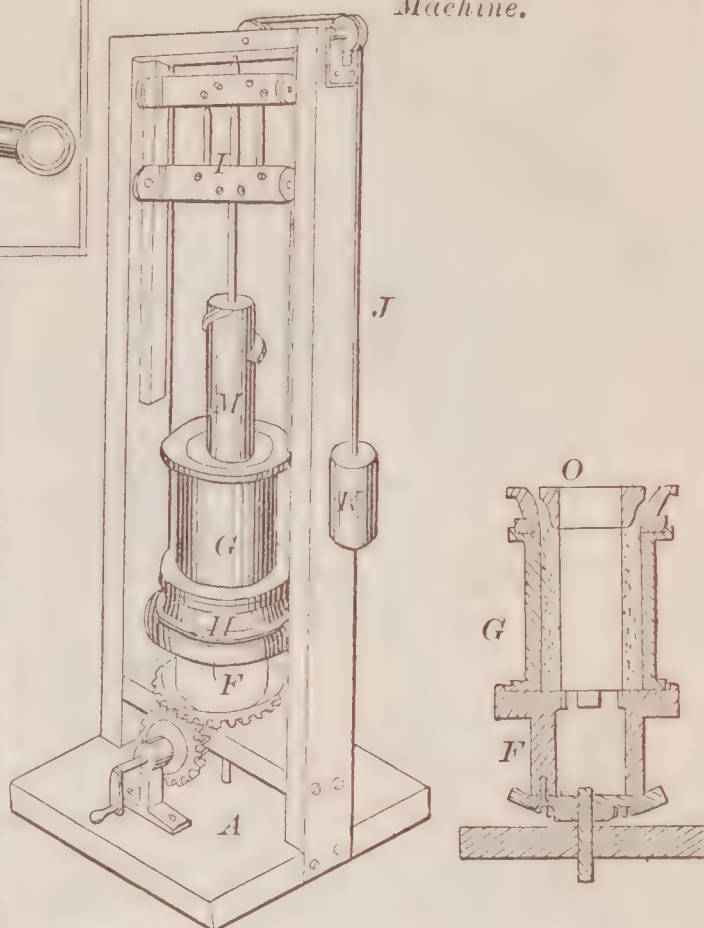
83016—V. D. Anderson—*Steam Generator.*83017—W. H. H. Babbitt—*Gaiter Boot.*83018—J. Backus—*For Unloading Hay.*83020—W. Banzett—*Leach Tub.*83019—T. Baggott—*Wire Cloth.*83021—A. Barbarin—*Hatchet, Hammer and Scraper.*83023—A. Barbarin—*Shoemakers' Implement.*83024—A. Barbarin—*Liquid Sampler.*83022—A. Barbarin—*Box Opener.*83025—W. P. Barclay—*Sofa Bedstead.*83029—B. S. Benson—*For Packing Sand in Moulders' Flasks.*83026—J. A. Bassett—*Gas Generator.*



83027—W. D. Baxter—*Pump.*



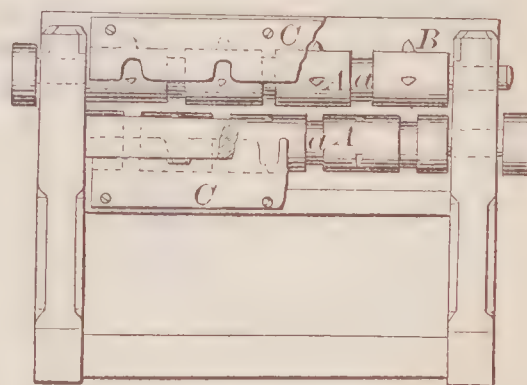
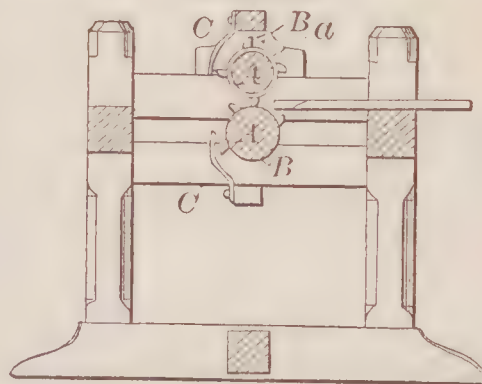
83028—B. S. Benson—*Pipe Moulding Machine.*



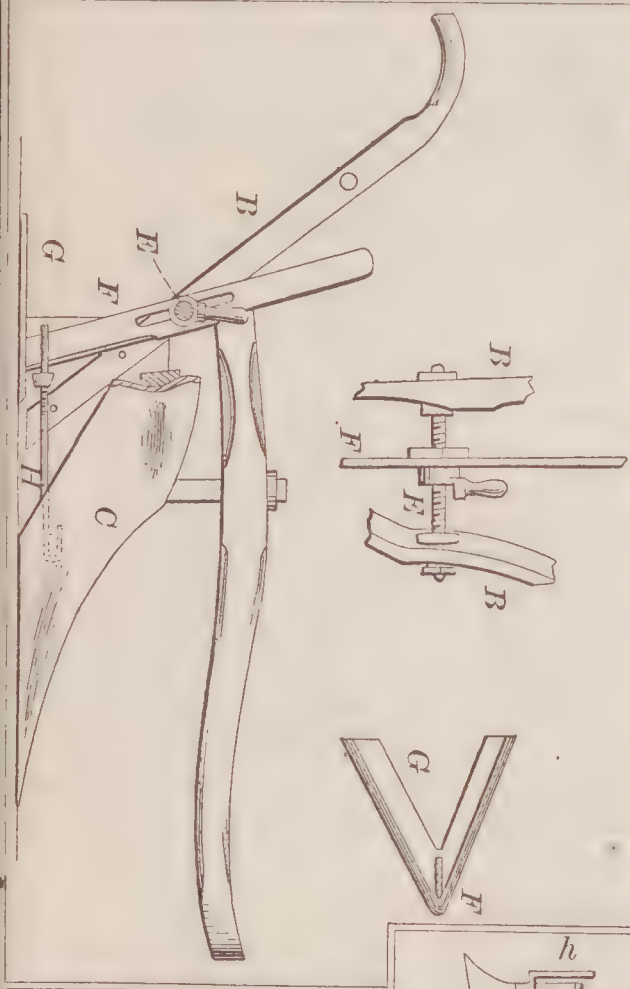
83031—S. C. Bishop—*Compound for Insulating Telegraph Wires.*



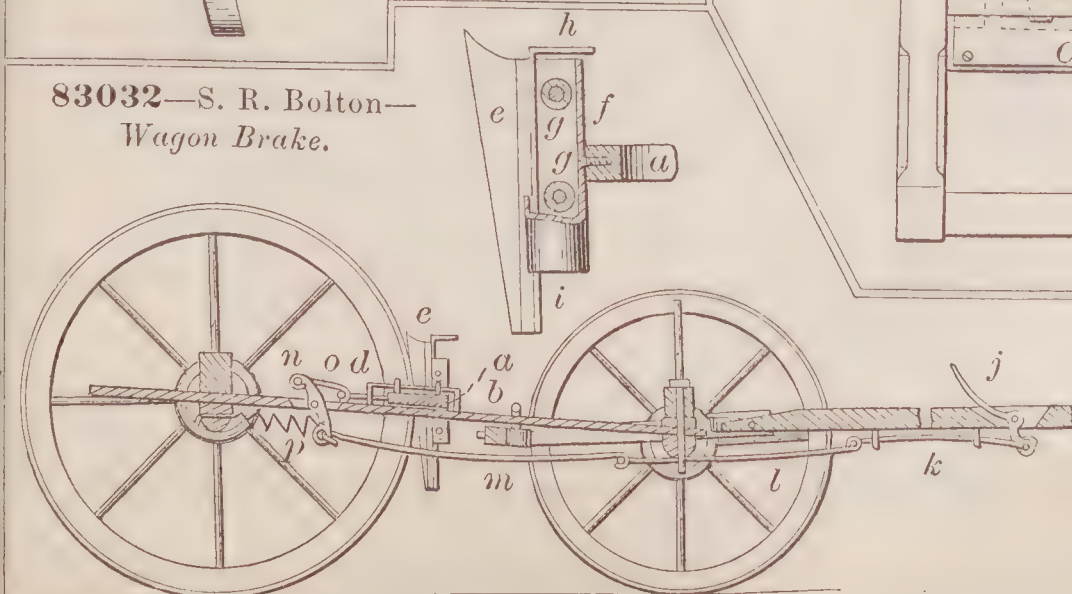
83033—D. Bookwalter—*Corn Husking Machine.*



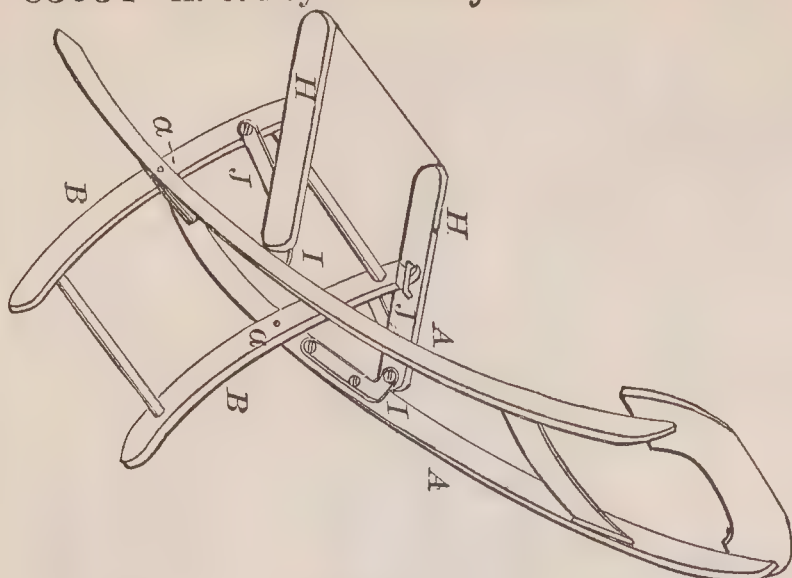
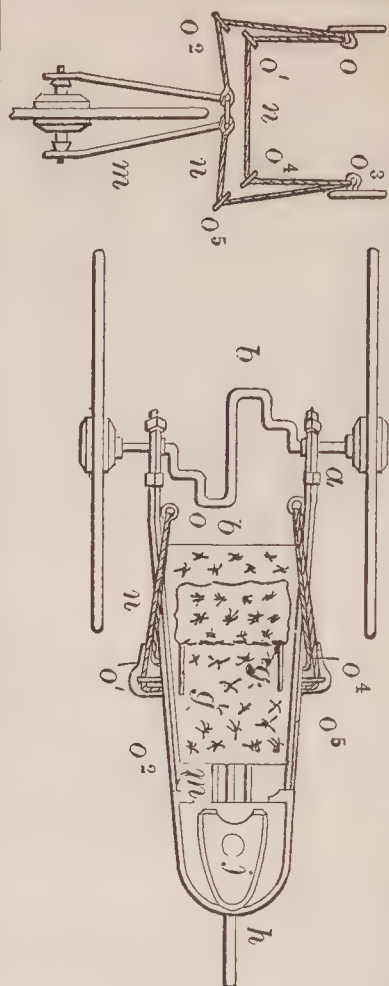
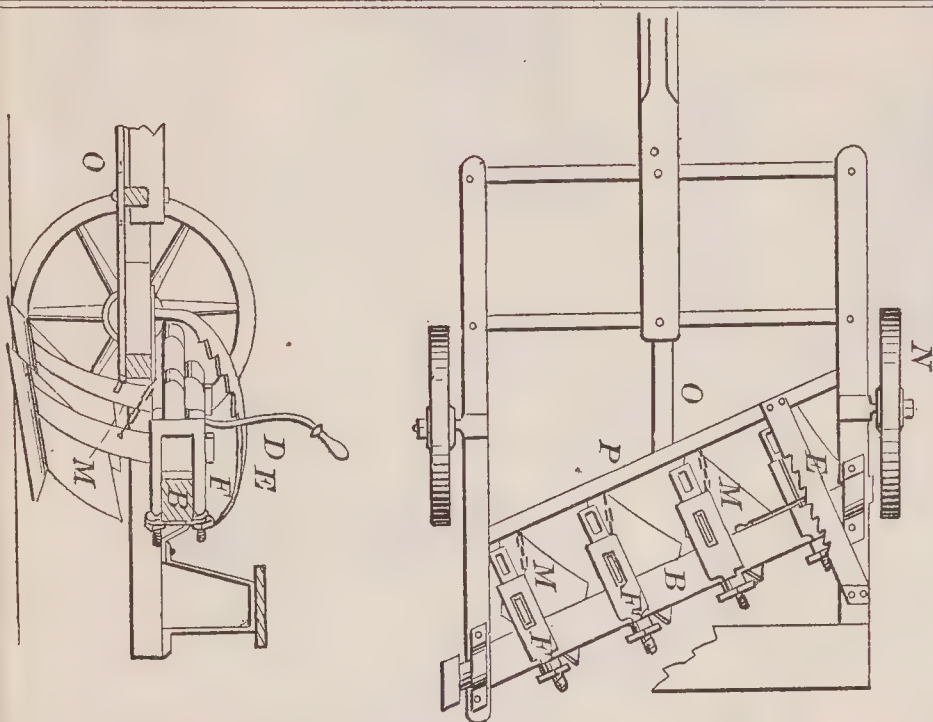
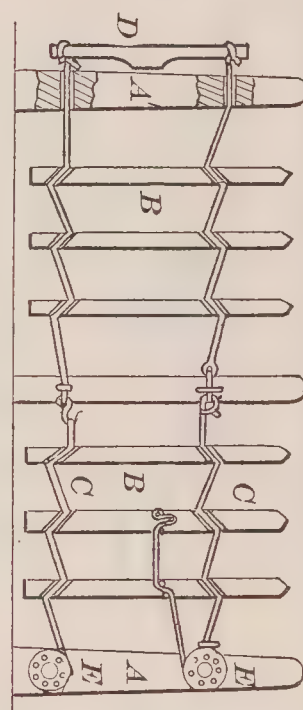
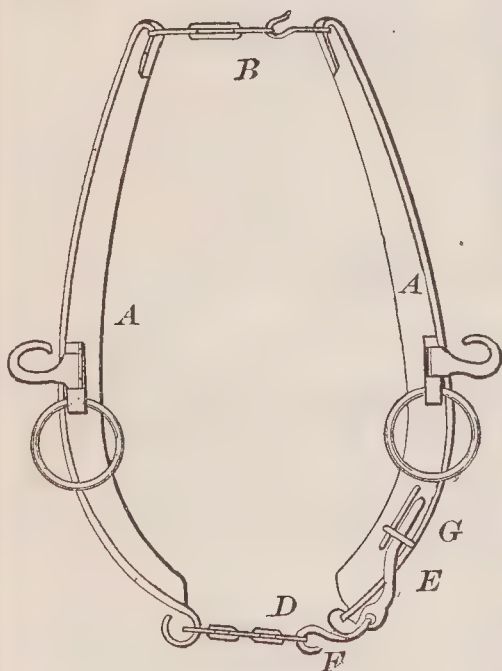
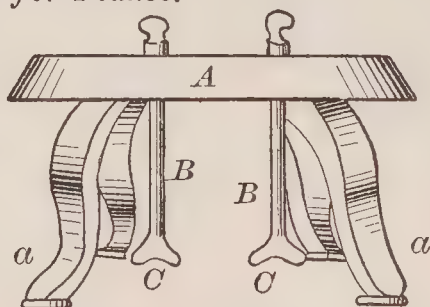
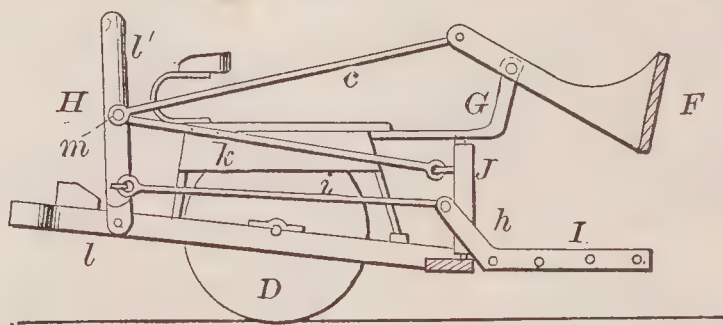
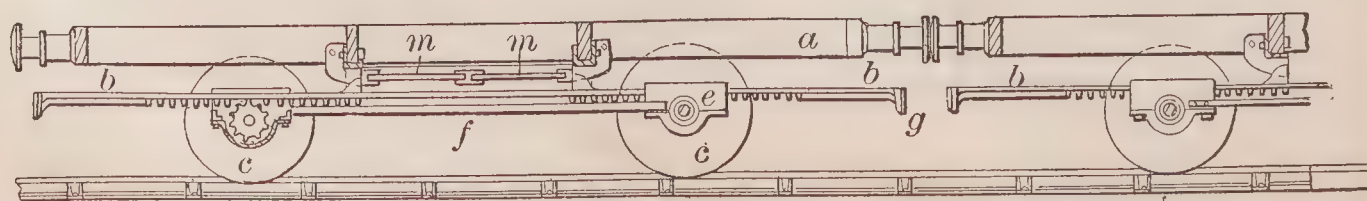
83030—M. Berdan—*Plow.*



83032—S. R. Bolton—*Wagon Brake.*

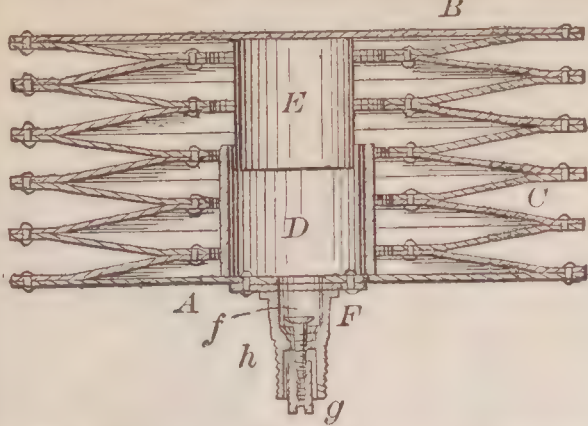




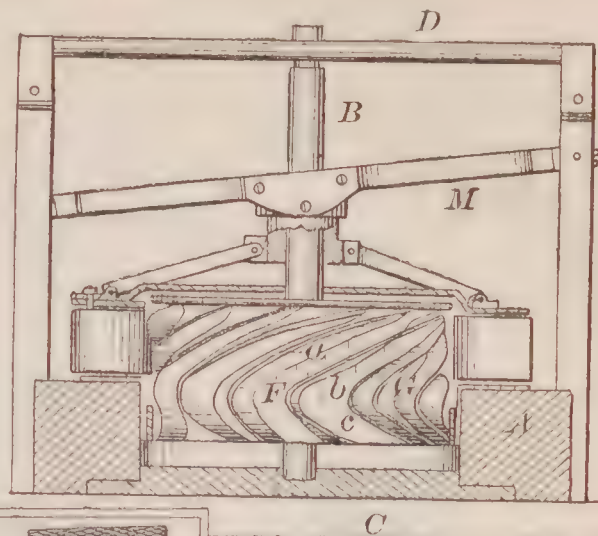
83034—A. C. Boyd—*Folding Chair.*83035—C. K. Bradford—*Velocipede.*83036—J. Campbell—*Plow.*83038—J. M. Chaplin—*Fence.*83041—D. Clemons—*Hames.*83039—C. A. Class—*Pedal for Pianos.*83040—G. R. Clements—*Dropper for Harvesters.*83042—Cockshoot & Weatherill—*Car Brake.*



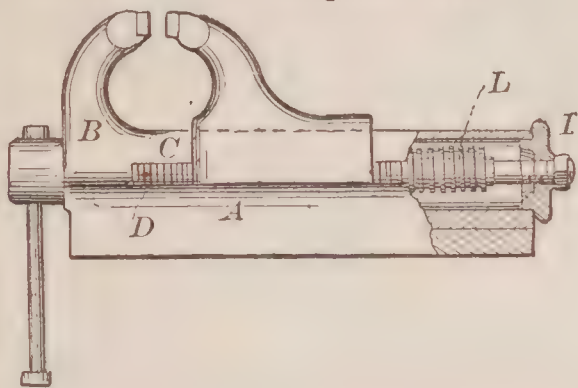
83043—J. Corrison—Air Spring.



83044—G. Cox—Water Wheel.



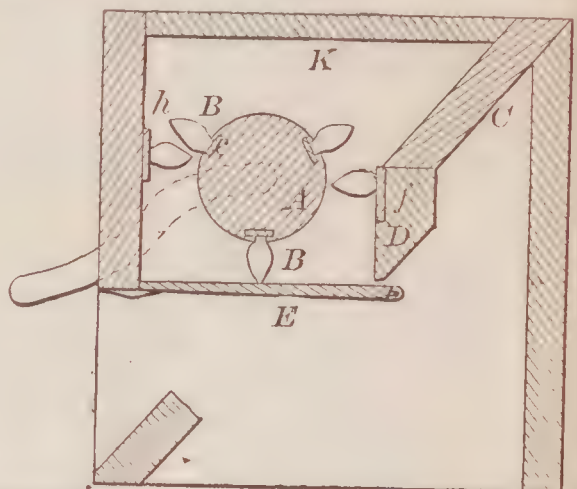
83045—J. C. Crumpton—Vise.



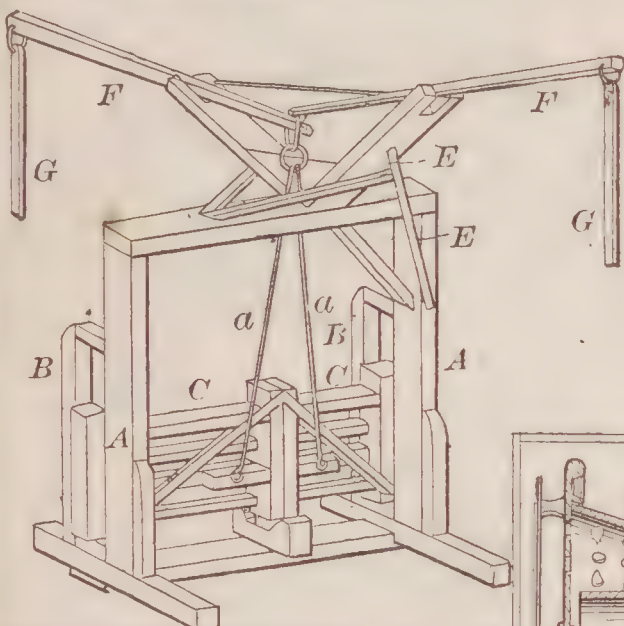
83047—E. C. Dicey—Feeding Roller for Circular Saws.



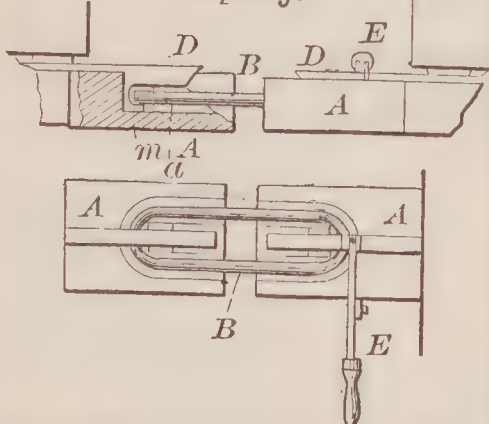
83048—V. Doane, Jr.—Fish Bait Cutter.



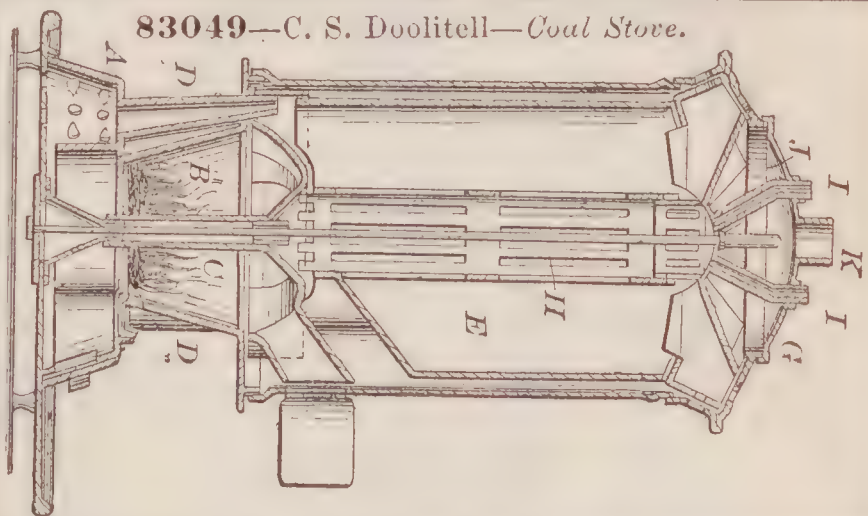
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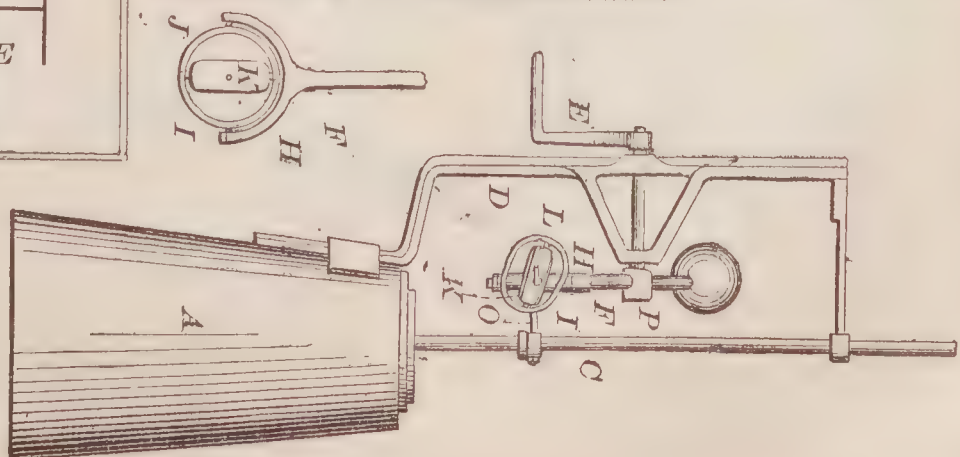
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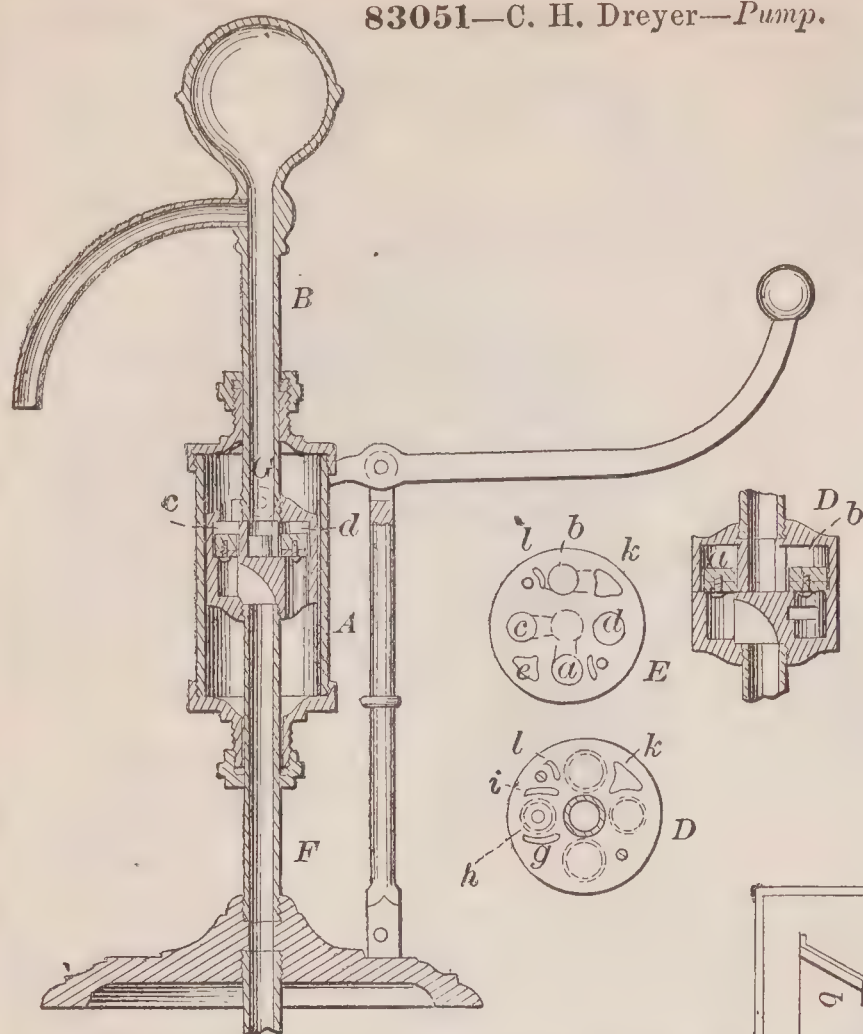
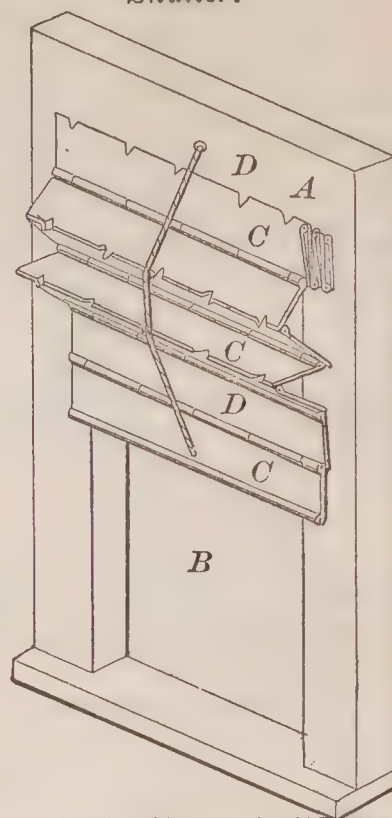
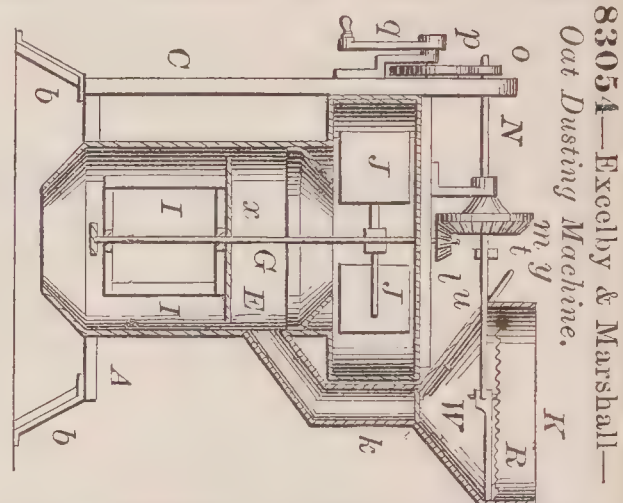
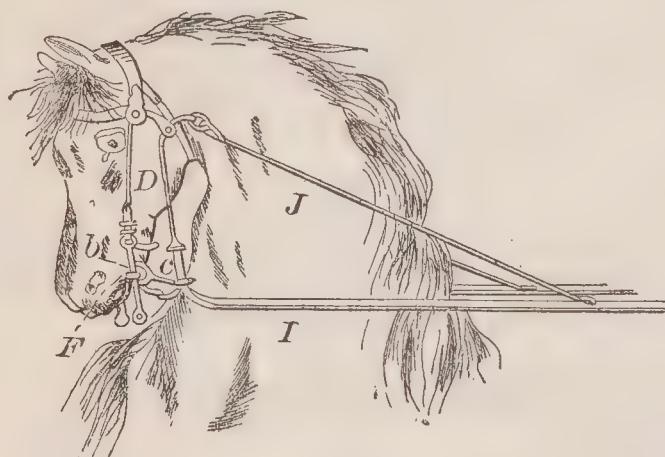
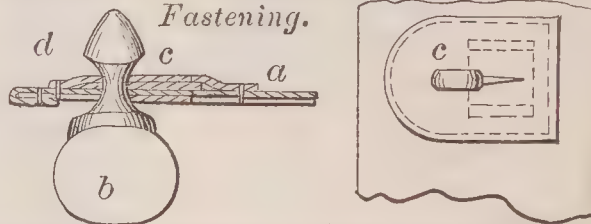
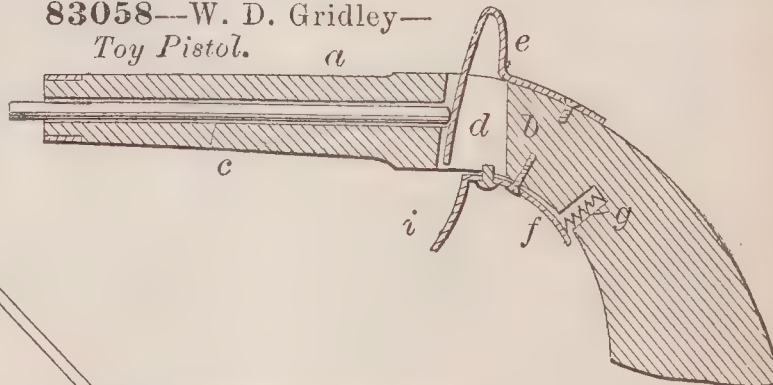
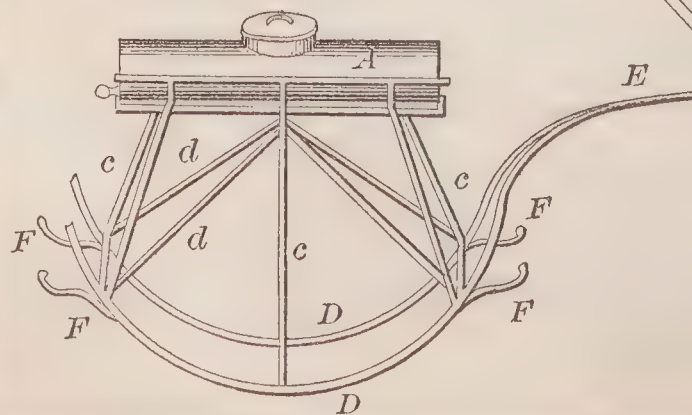
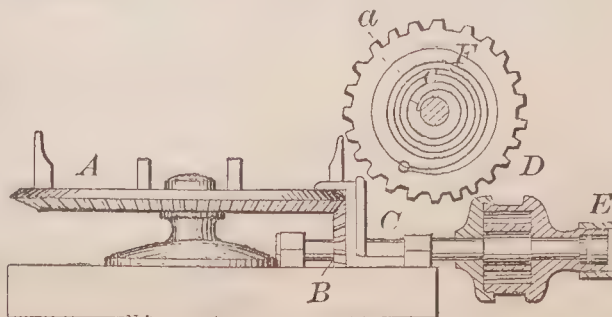
83049—C. S. Doolitell—Coal Stove.



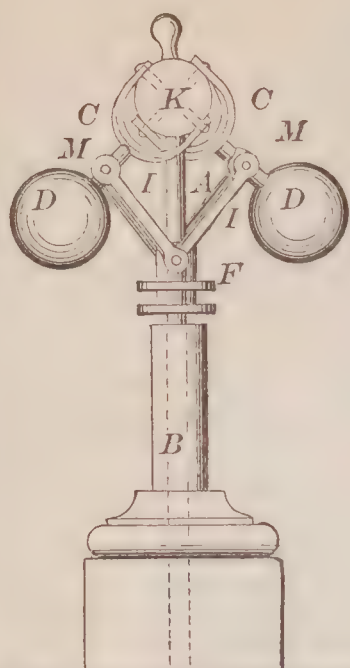
83050—W. C. Douthett—Churn.





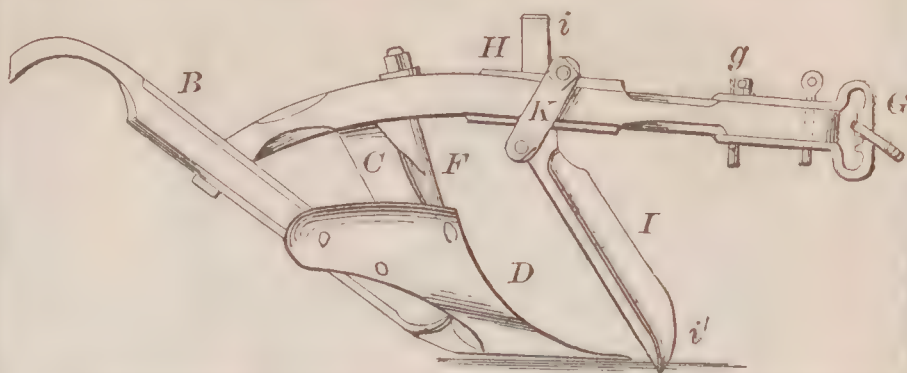
83051—C. H. Dreyer—*Pump.*83053—F. Engel—*Window Shutter.*83055—E. R. Ferry—*Safety Bridle.*83056—J. C. Fish—*Carriage Curtain Fastening.*83058—W. D. Gridley—*Toy Pistol.*83057—N. C. Folger—*Churn.*83059—J. A. Hafner—*Horse Power.*



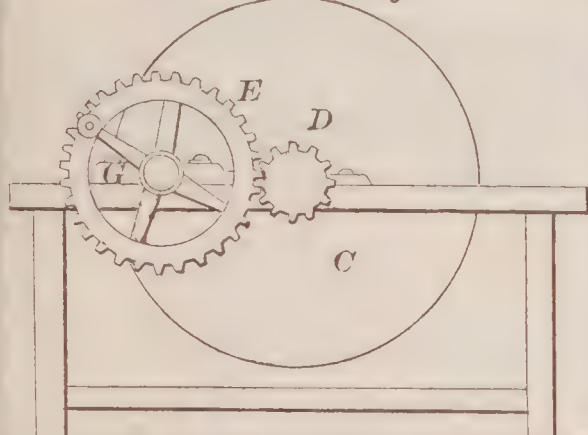


83060—W. S. Henson—*Engine Governor.*

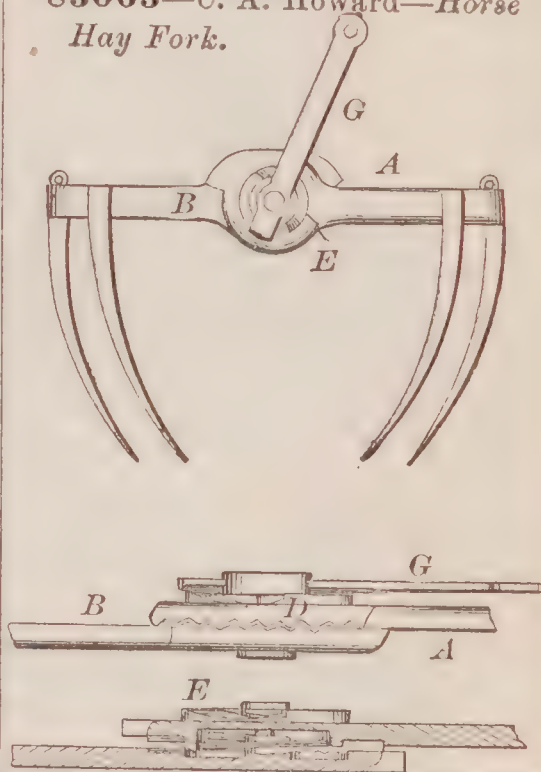
83061—R. S. Higgins—*Plow.*



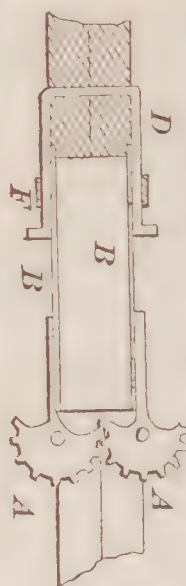
83064—Howlett & Sherman—*Grindstone Gearing.*



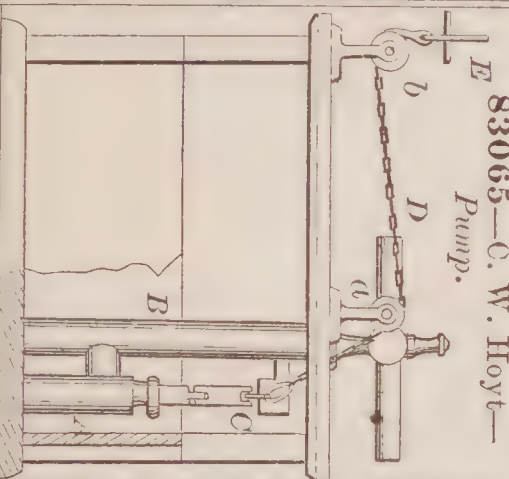
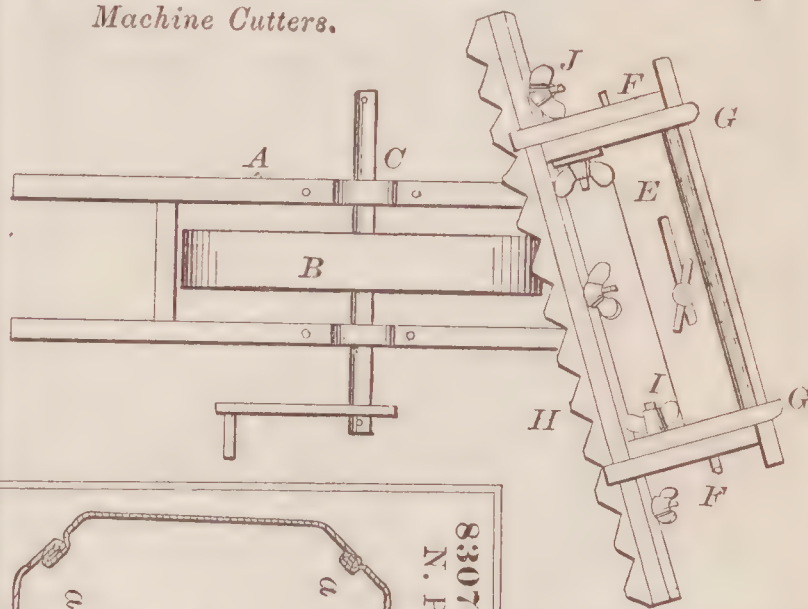
83063—C. A. Howard—*Horse Hay Fork.*



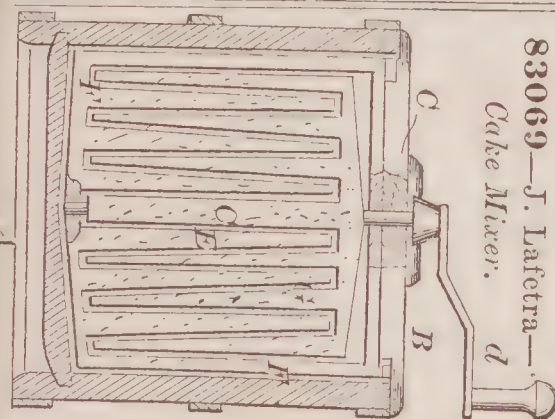
83062—L. Hoover—*Iron Door.*



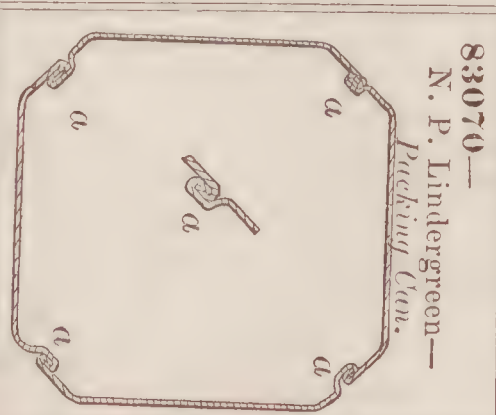
83067—D. W. Jameson—*For Grinding Mowing Machine Cutters.*



83065—C. W. Hoyt—*Pump.*

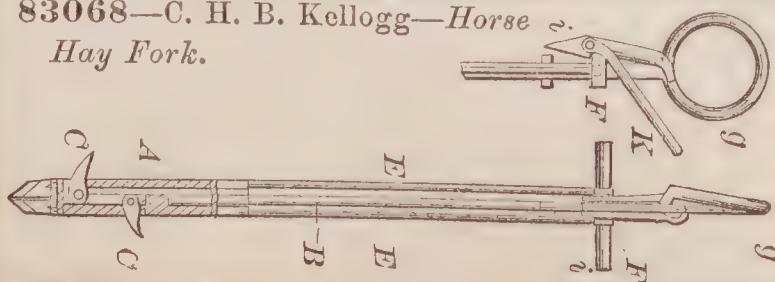


83069—J. Lafetra—*Cake Mixer.*

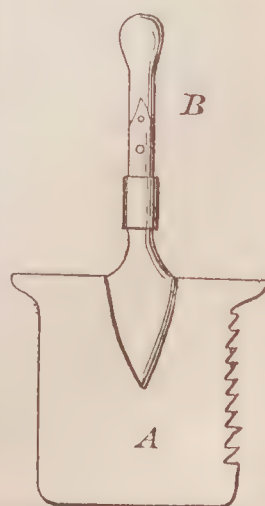


83070—N. P. Lindergreen—*Packing Clamp.*

83068—C. H. B. Kellogg—*Horse Hay Fork.*

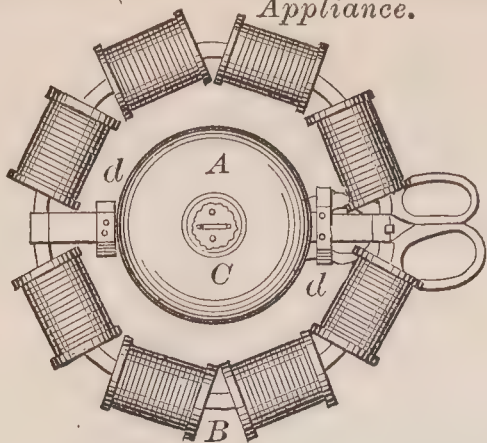


83071—J. Linnemann—*Spade.*

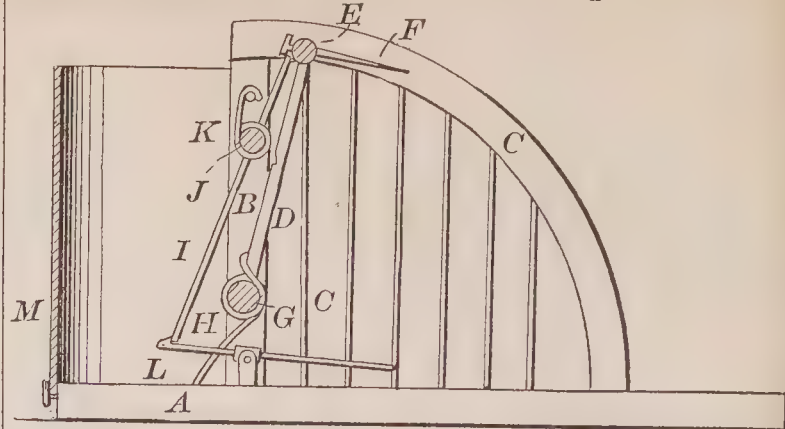




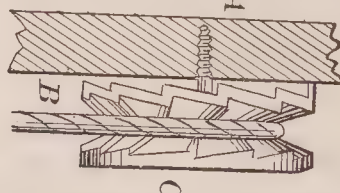
83072—J. G. Lucas—*Work Table Appliance.*



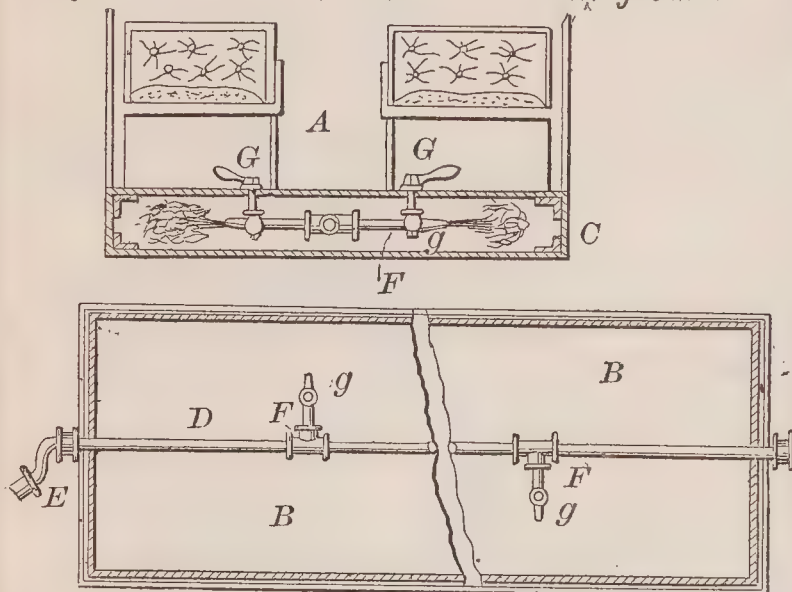
83074—W. McClure—*Animal Trap.*



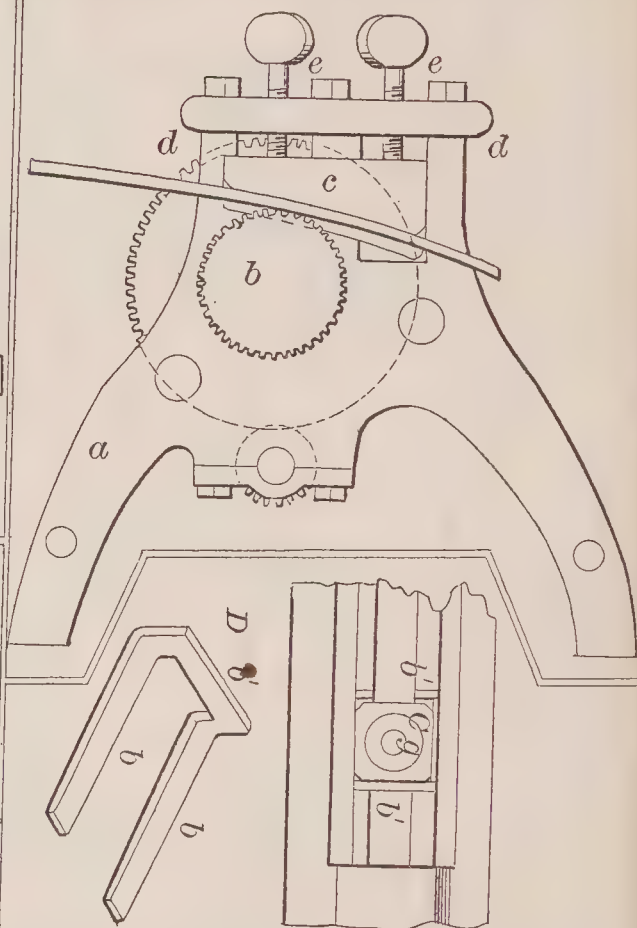
83075—D. W. C. McMaster—*Line Holder.*

83077—J. Meley—*Grave Mound.*

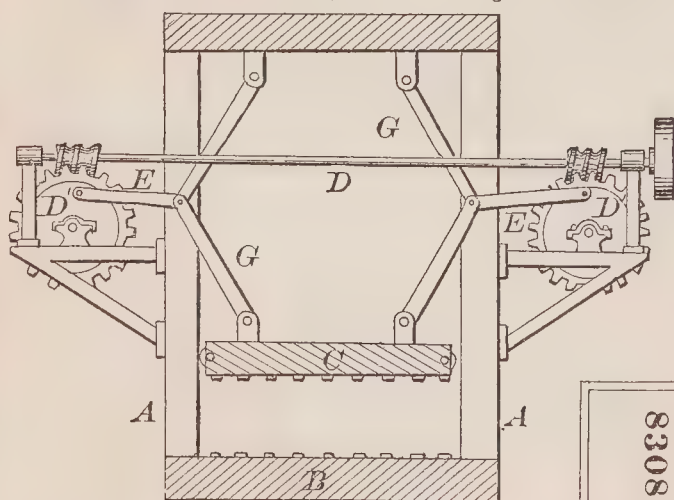
83076—F. M. Meddock—*For Heating Cars.*



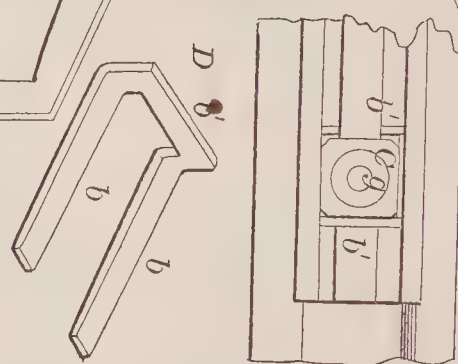
83078—J. Merrill—*For Bending*



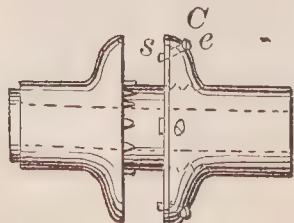
83079—J. F. Milligan—*Baling Press.*



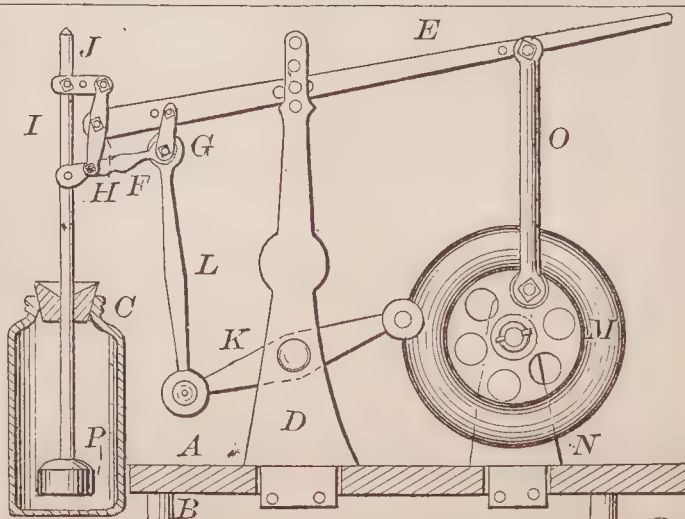
83081—W. Morehouse—*Nut Lock.*



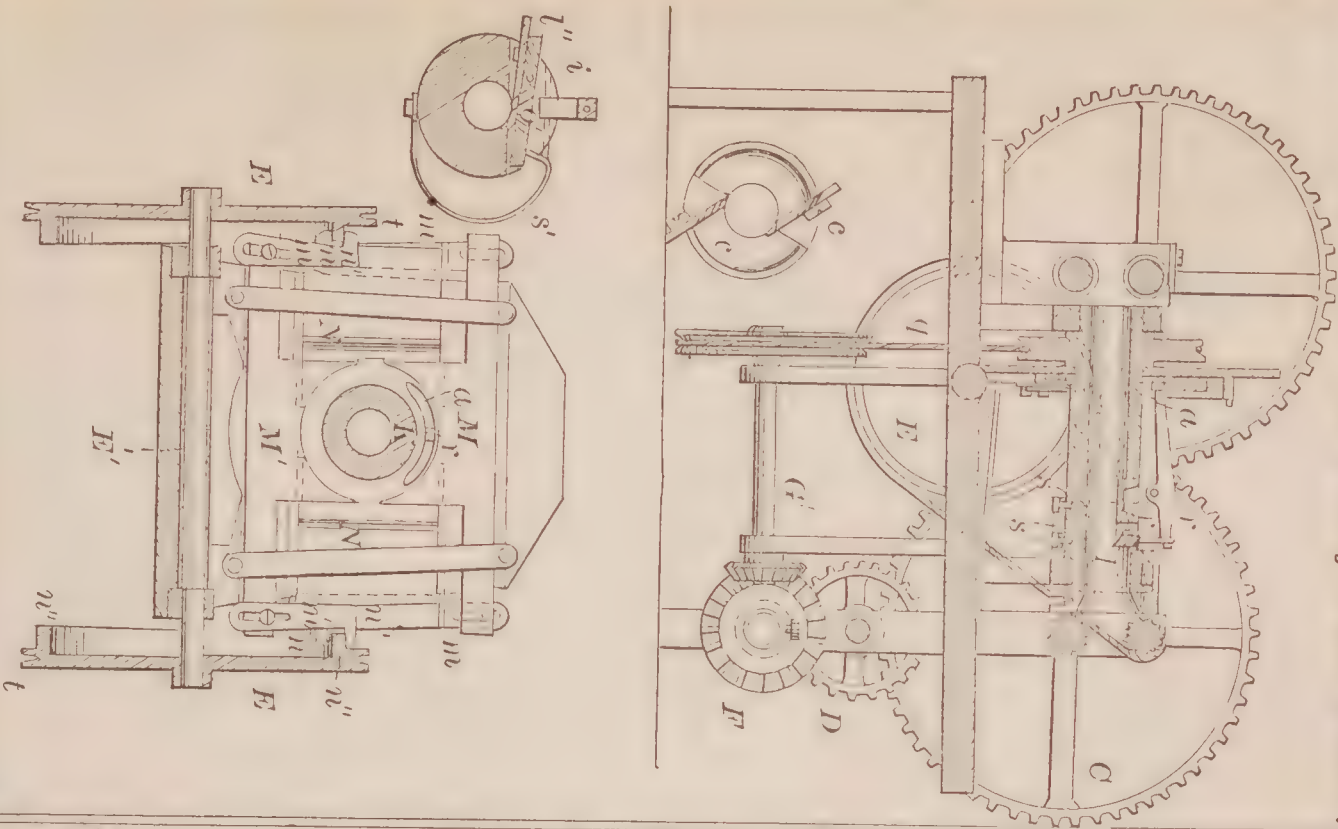
83083—S. Mosher—*Hub and Box for Wheels.*



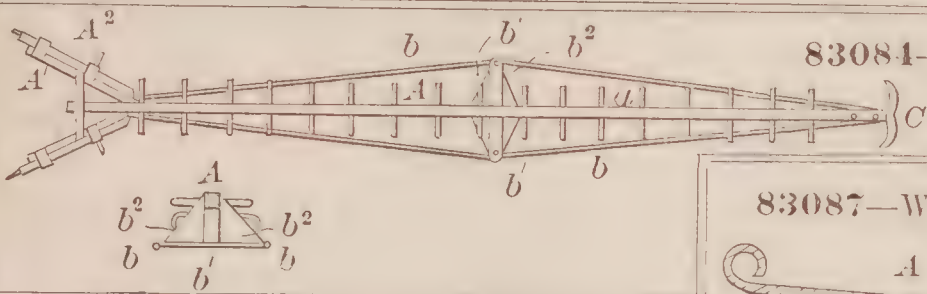
83080—E. J. Moore—*Churning Apparatus.*



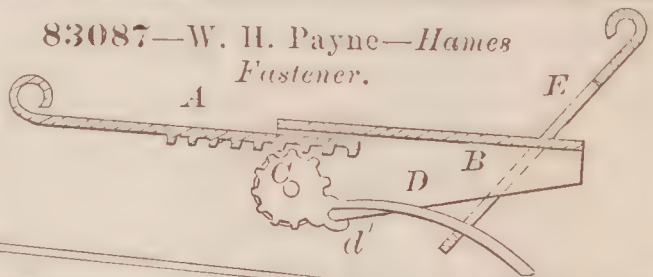
83082—G. M. Morrow—For Turning Broom Handles.



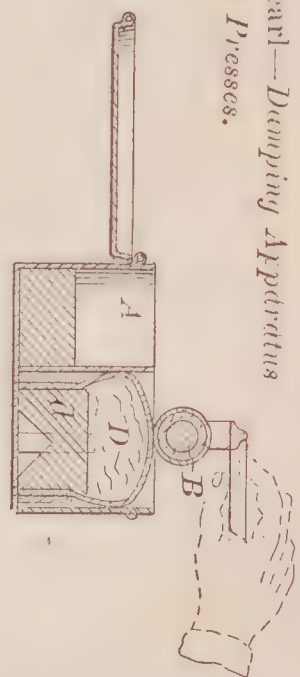
83084—P. M. Papin—Ladder.



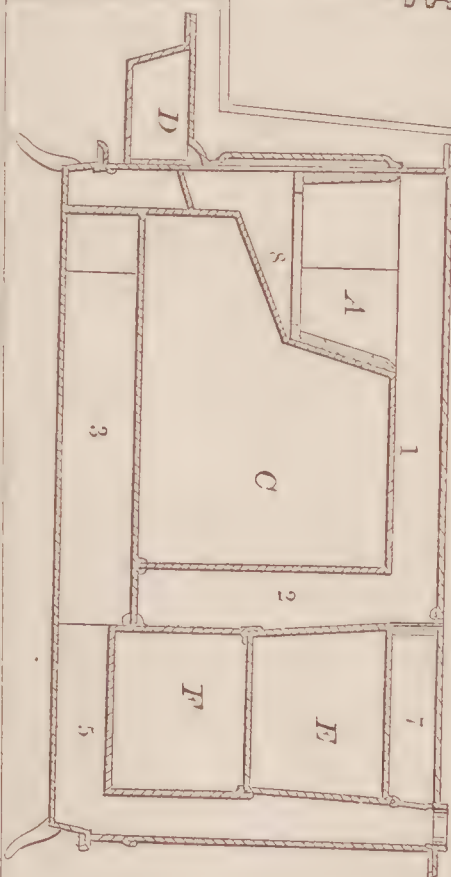
83087—W. H. Payne—Hames Fastener.



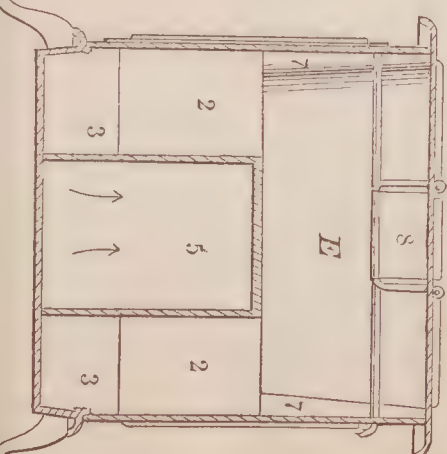
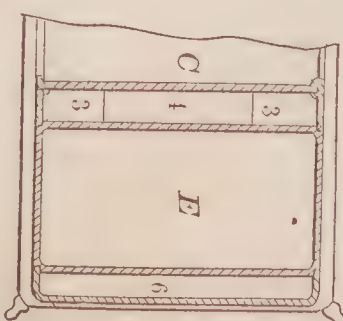
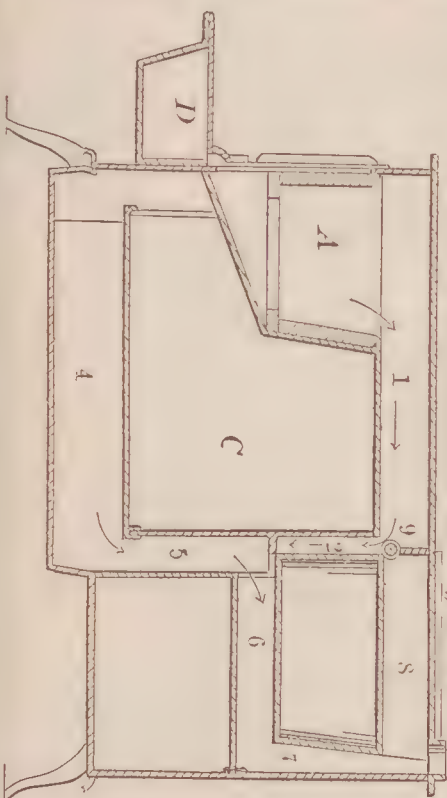
83088—A. Pearl—Damping Apparatus for Copying Presses.



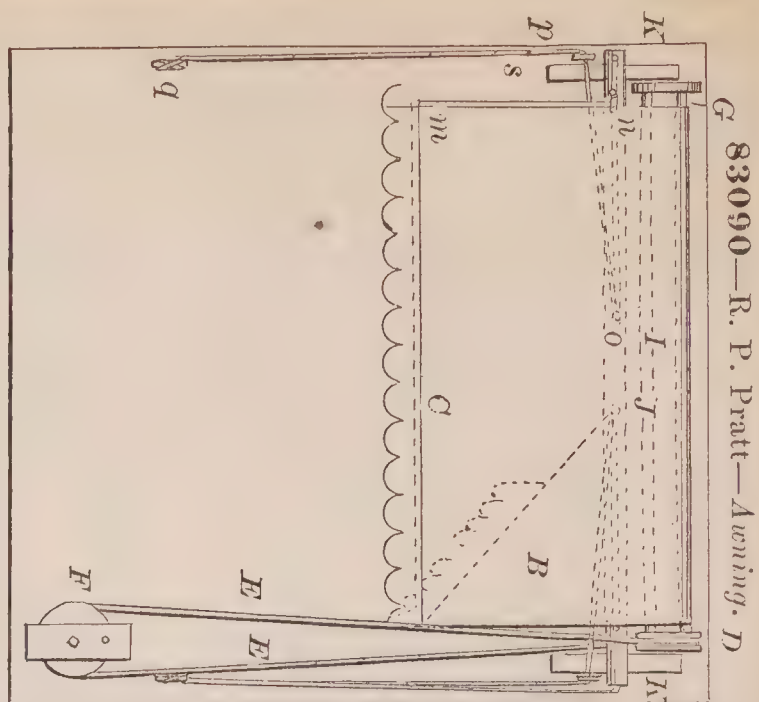
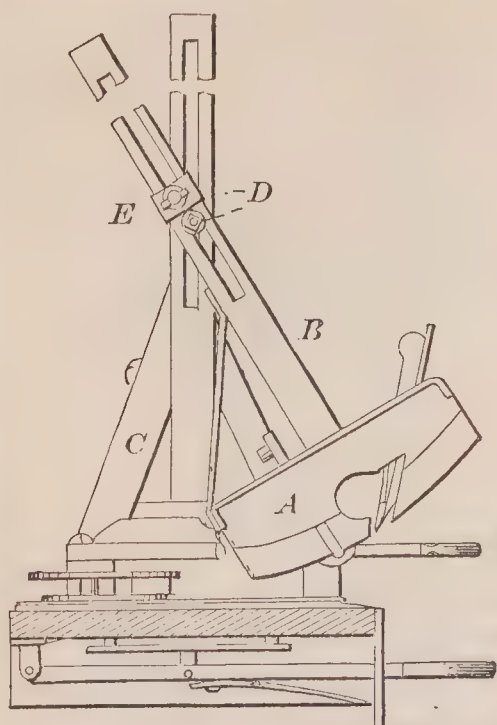
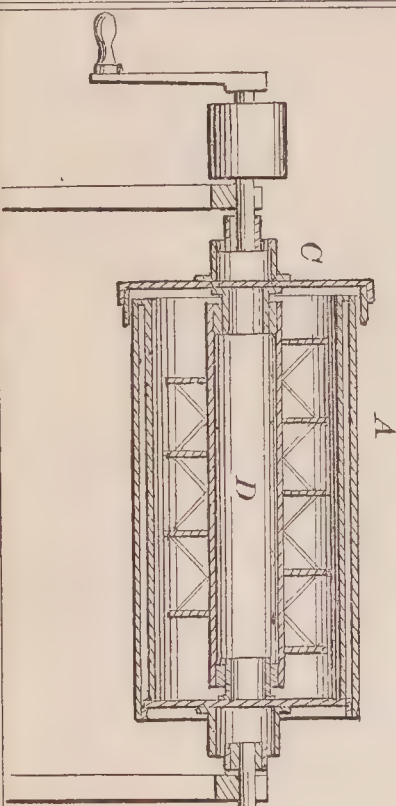
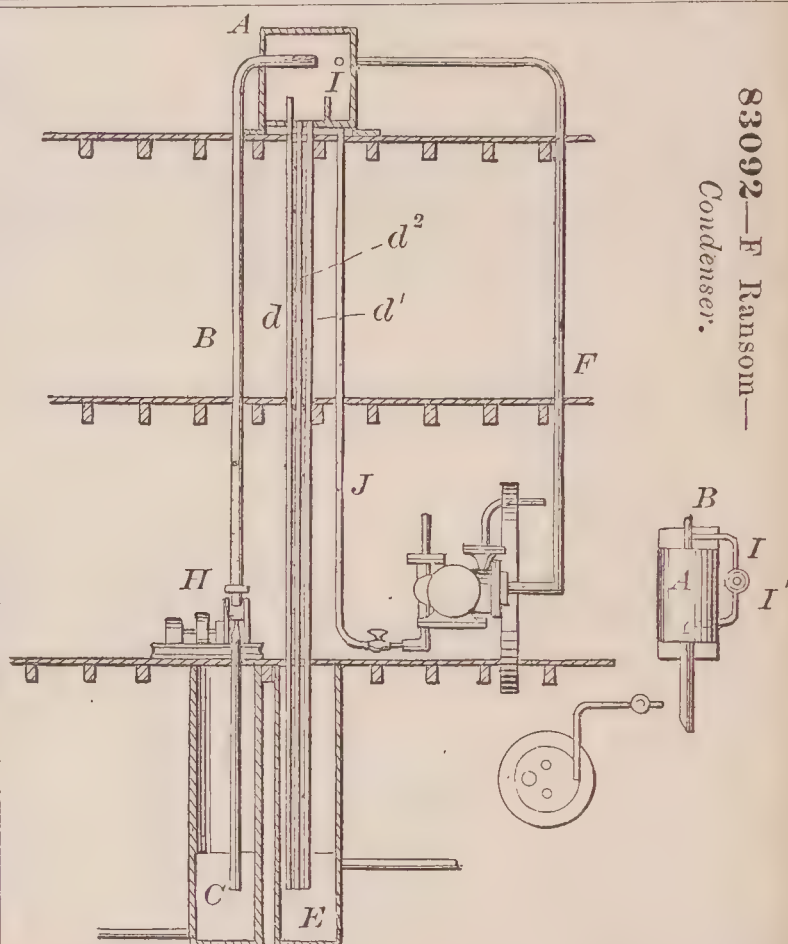
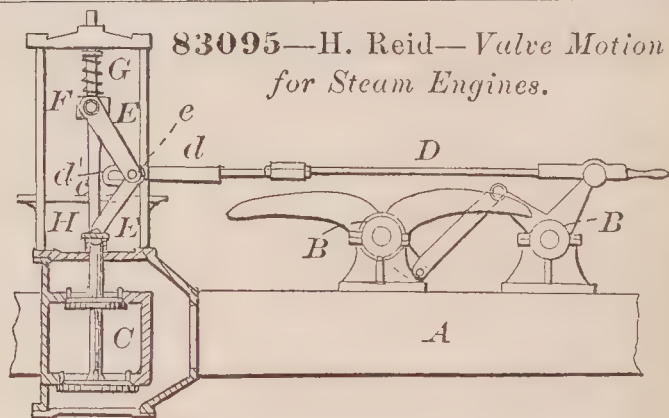
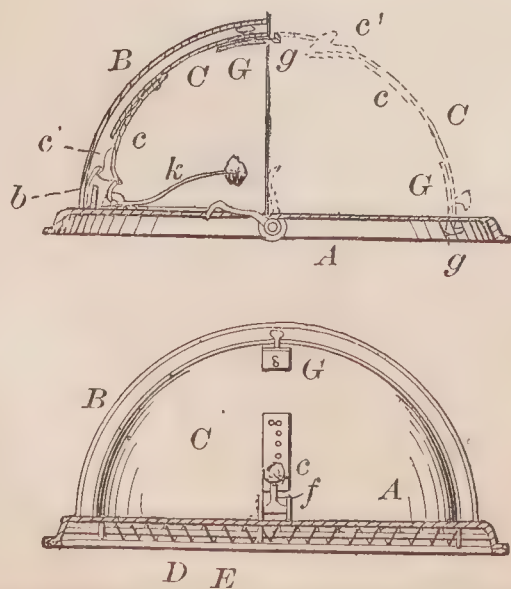
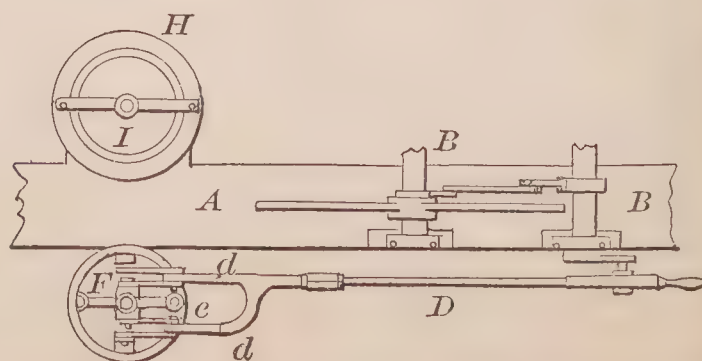
83086—A. G. Patton—Cooking Stove.



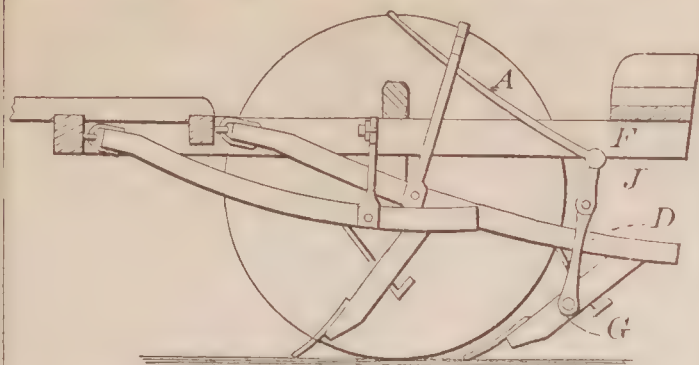
83085—A. G. Patton—Cooking Stove.



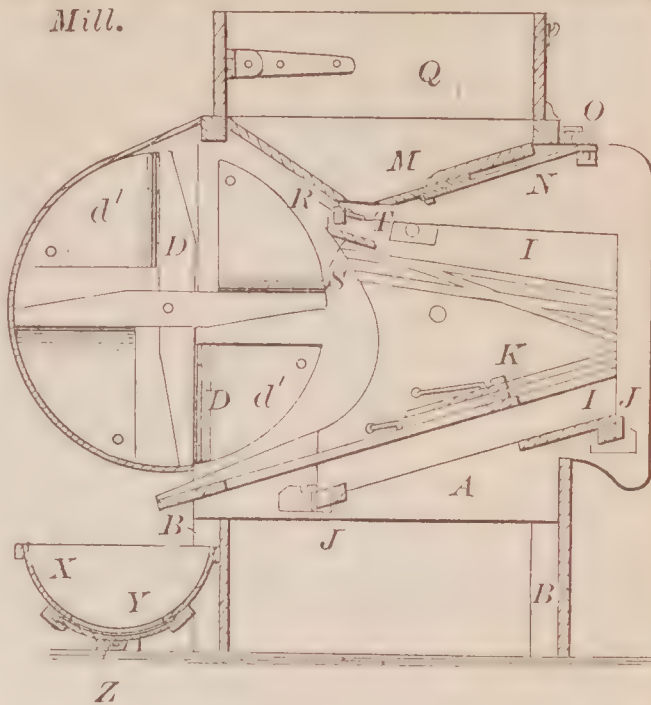


83089—F. K. Plumbly—*Planing Machine.*83090—R. P. Pratt—*Planing Machine.*83091—J. H. Roe—*Electrical Analyzer.*83092—F. Ransom—*Condenser.*83094—E. Reichard—*Animal Trap.*83095—H. Reid—*Valve Motion for Steam Engines.*

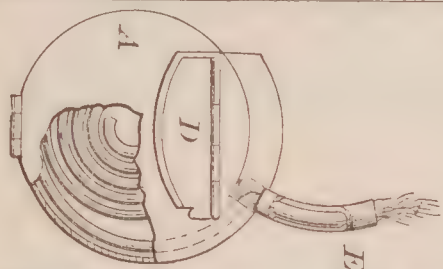
83093—E. F. Rate—Corn Cultivator.



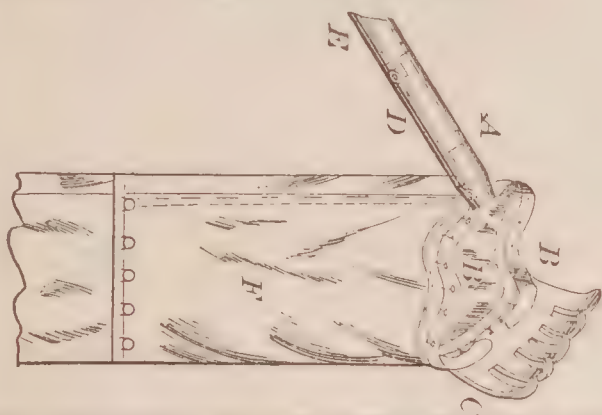
83096—Richards & Strickland—Fanning Mill.



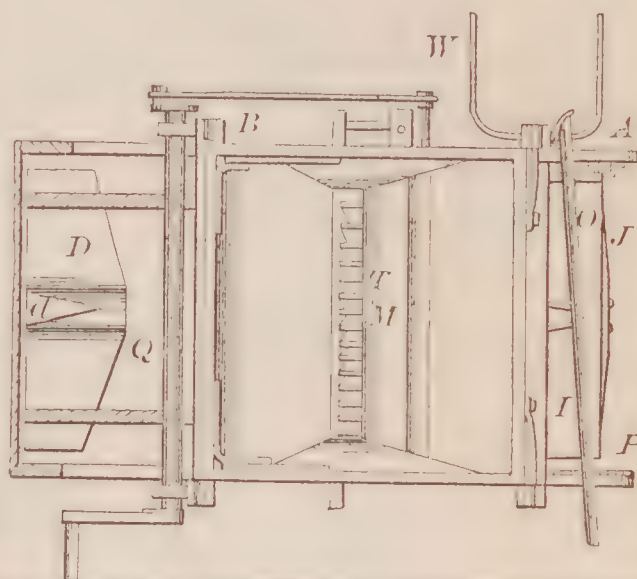
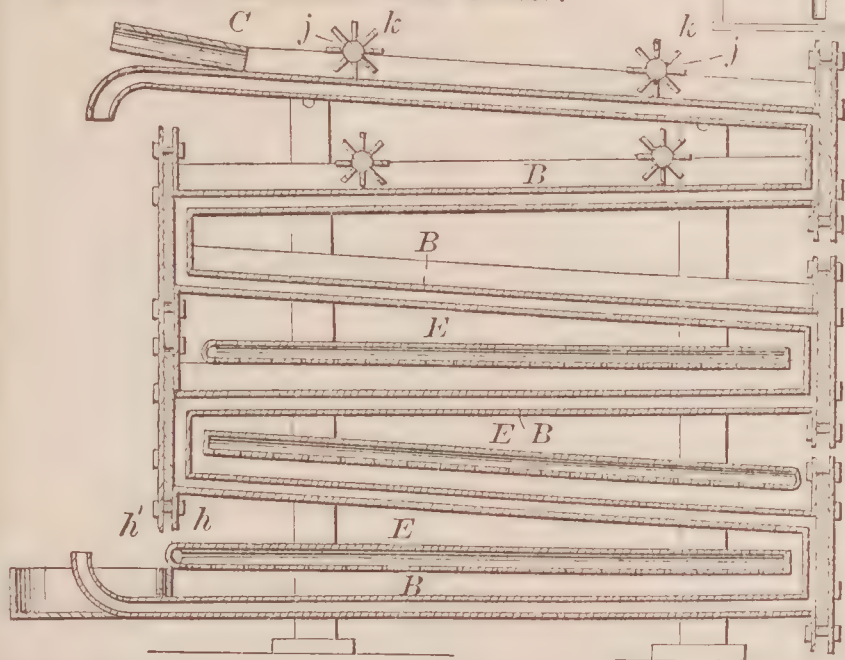
83097—W. H. Rogers—Saw for Friction Match Cord.



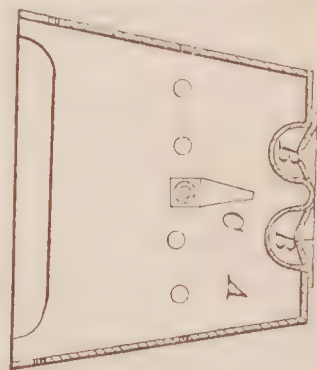
83098—J. Schroy—Fruit Picker.



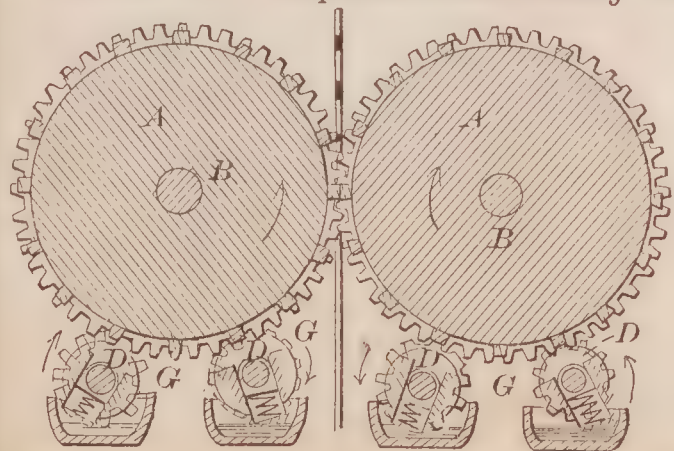
83099—L. Schulze—Beer Cooler.



83100—C. Seimel—Soldering Tessel.



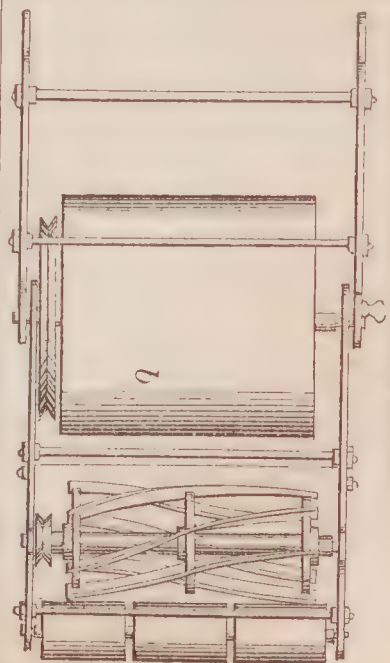
83103—E. J. Stephens—For Printing Yarn.



83102—P. Smith—Buckle.

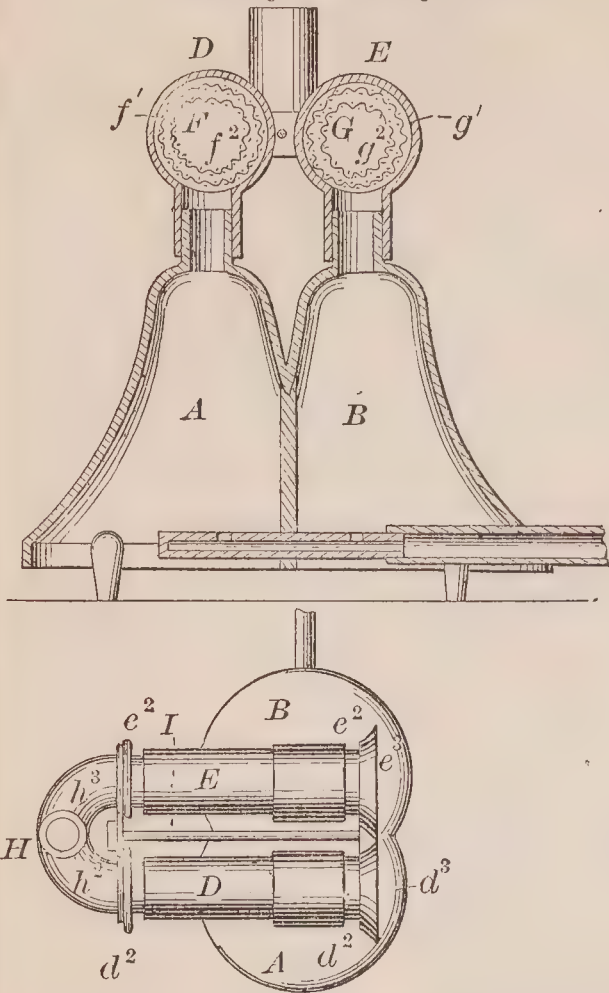


83101—J. Shaw—Loom Mower.

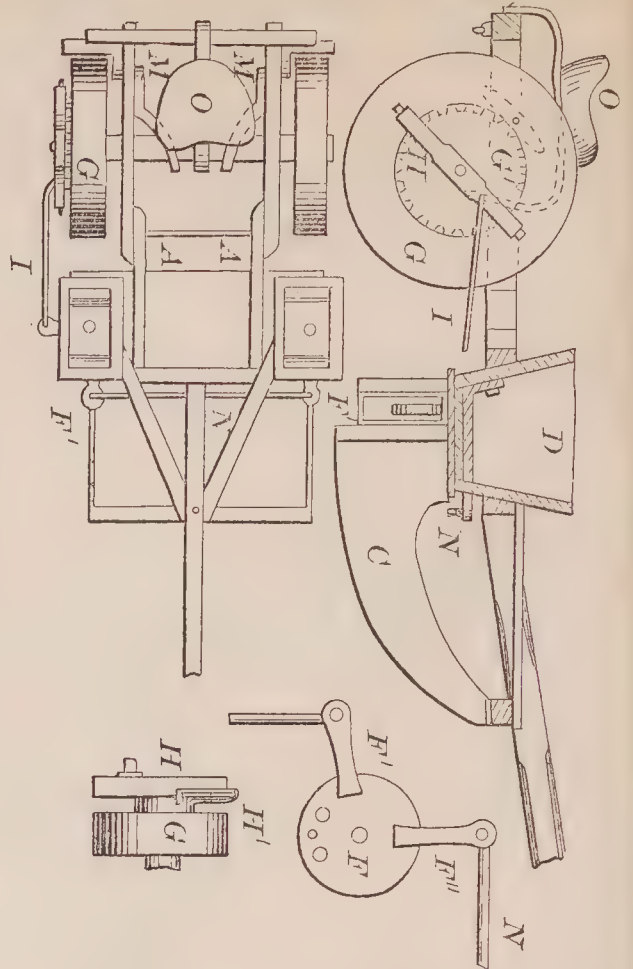




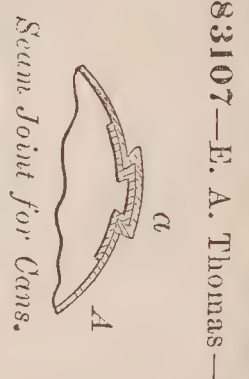
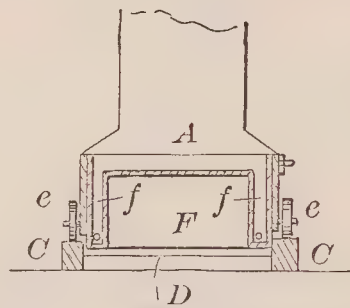
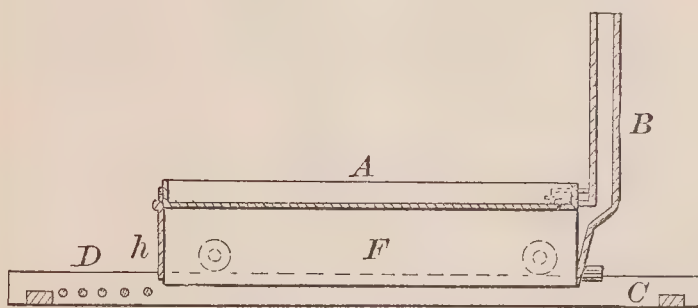
**83104**—J. H. Stimpson—*Gas Furnace for Heating Soldering Tools.*



**83105**—S. L. Sweeney—*Corn Planter*

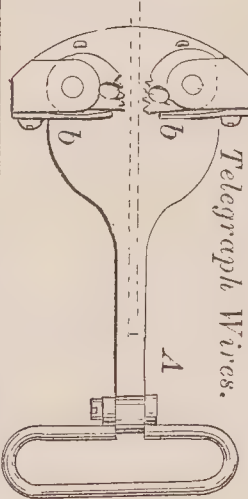
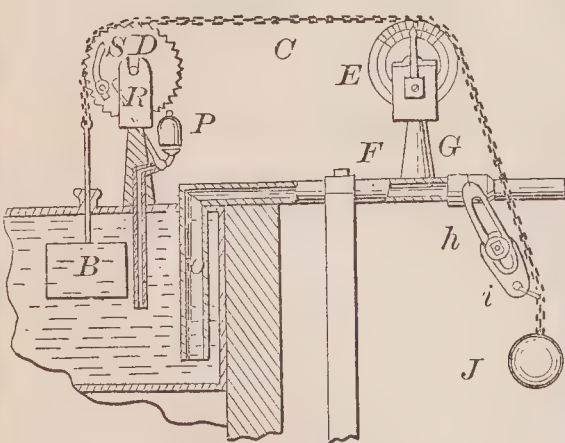


**83106**—J. Taylor—*Sugar Juice Evaporator.*

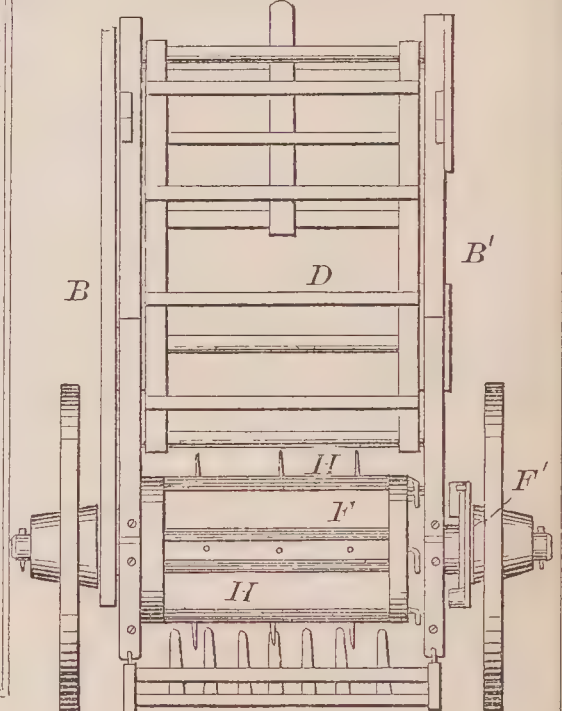


**83107**—E. A. Thomas—

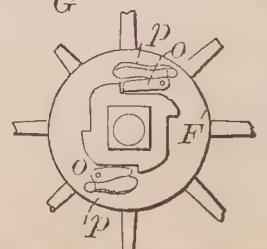
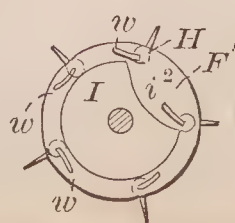
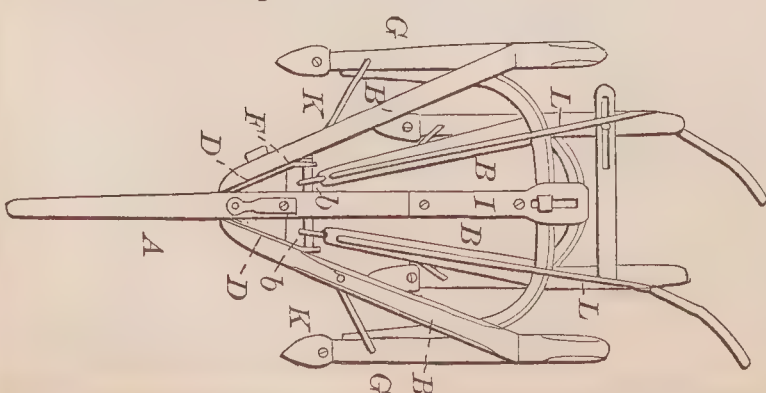
**83108**—J. L. Thomas—*Steam Generator.*



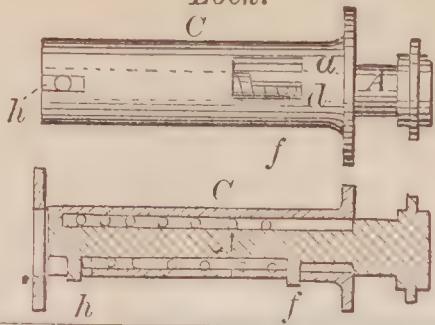
**83110**—J. J. Thompson—*Hay Raker and Loader.*



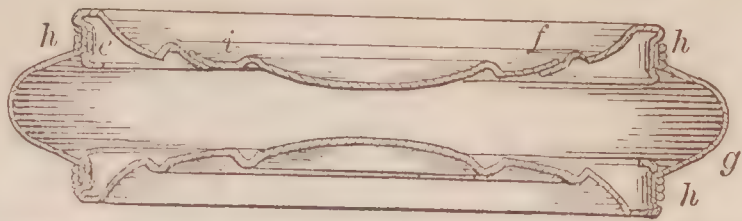
**83111**—Thompson & Collier—*Cultivator.*



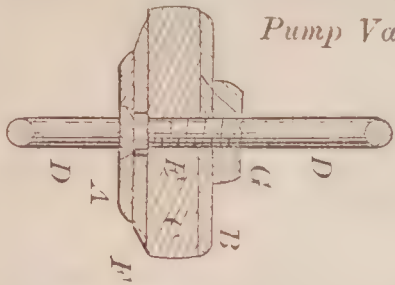
83112—E. H. Tobey—*Sash Lock.*



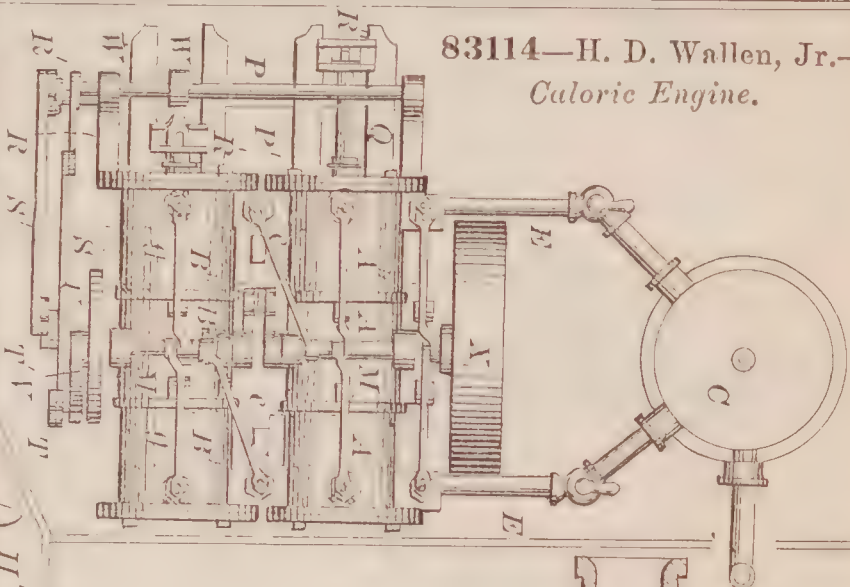
83113—A. Tufts—*Gas Meter.*



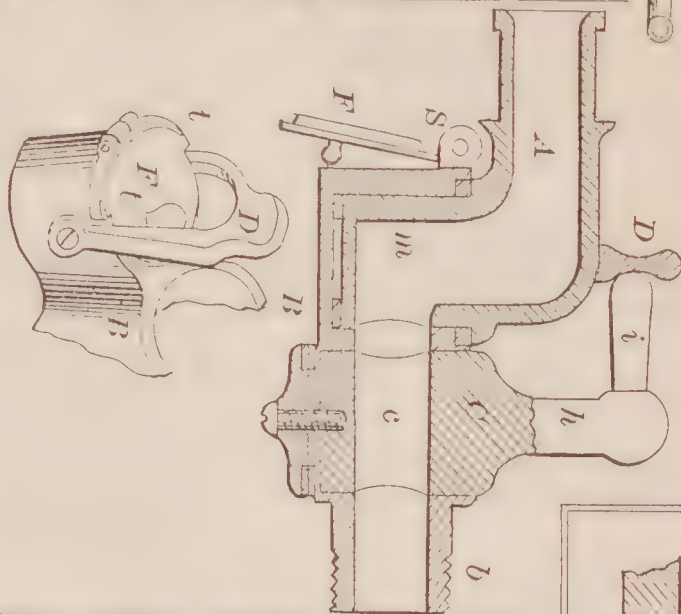
83117—O. O. Witherell—*Chain Pump Valve.*



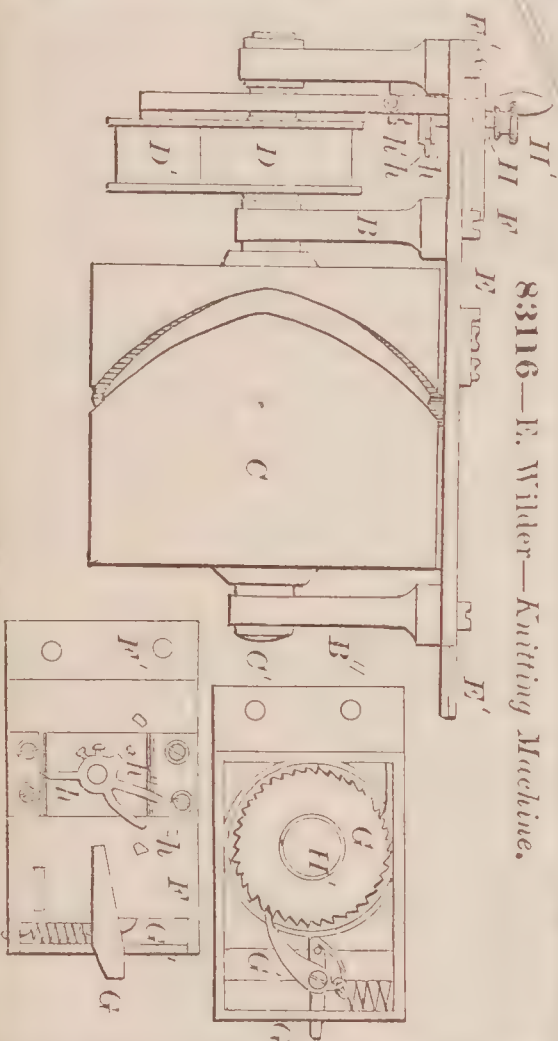
83114—H. D. Wallen, Jr.—*Caloric Engine.*



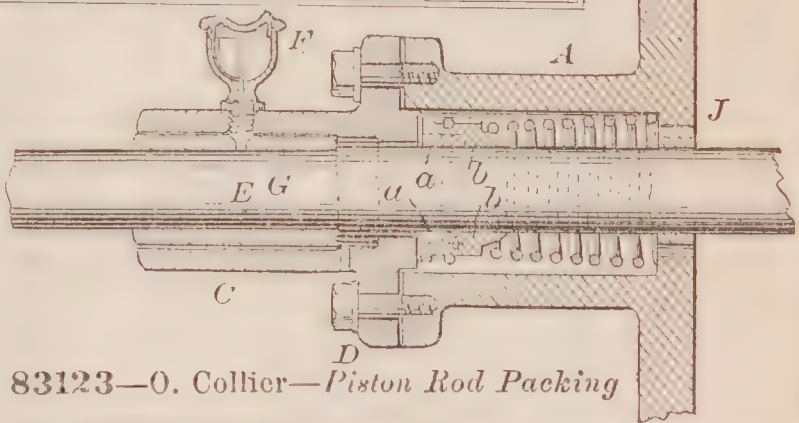
83118—W. H. Yeaton—*Pipe Coupling.*



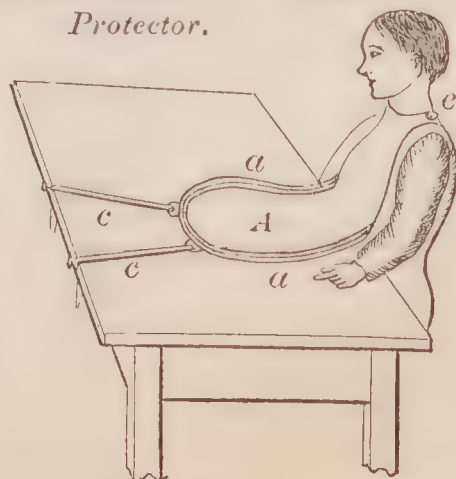
83116—E. Wilder—*Knitting Machine.*



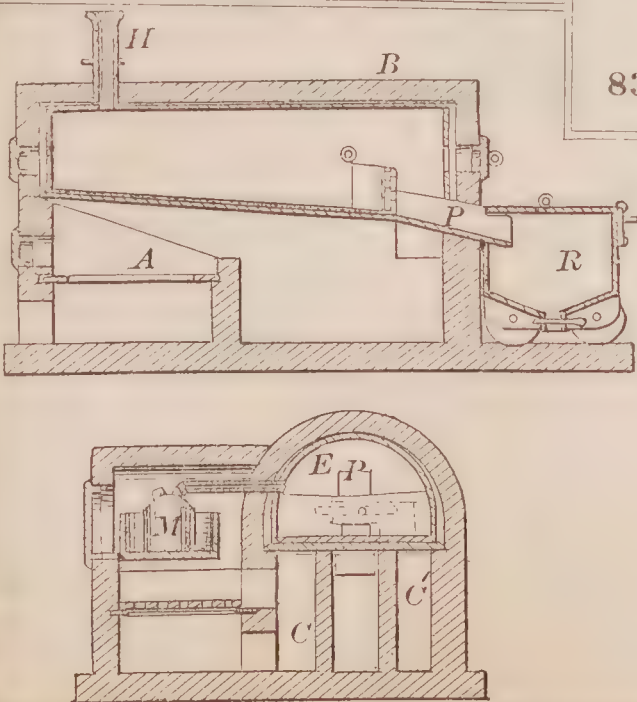
83123—O. Collier—*Piston Rod Packing*



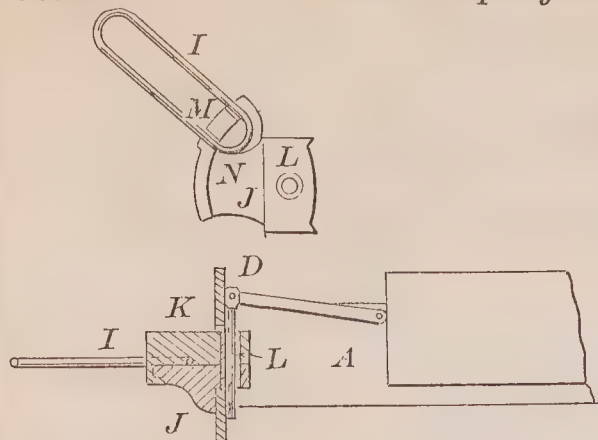
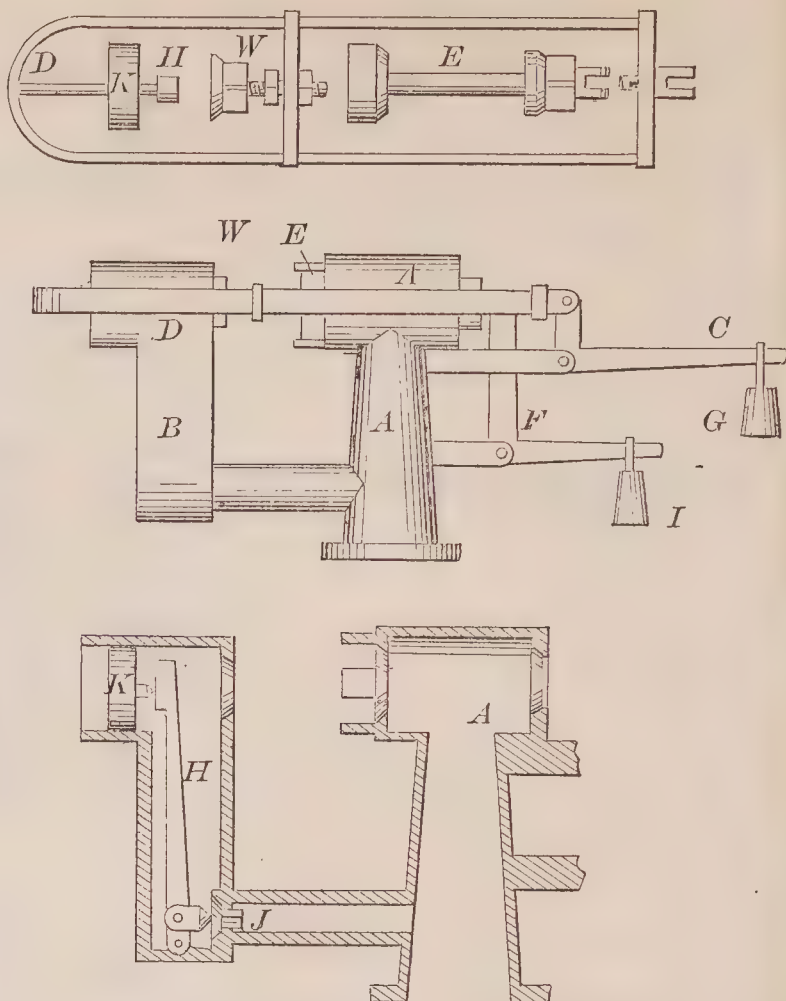
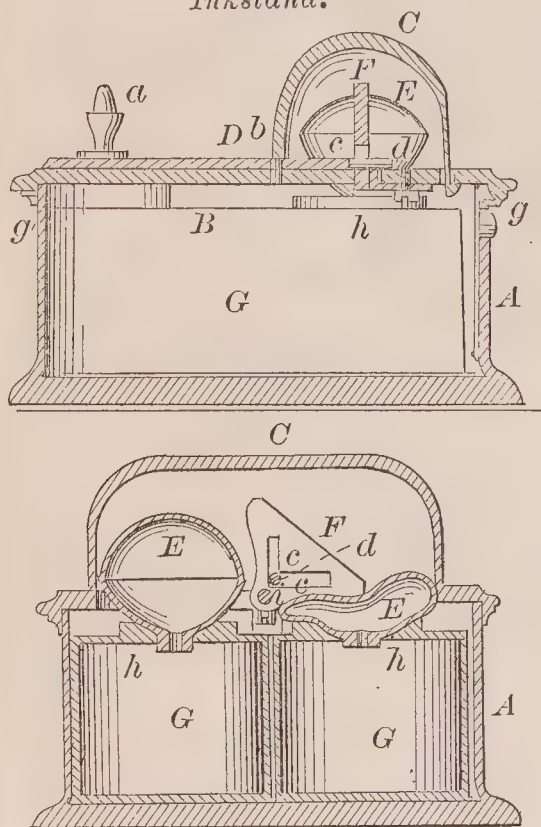
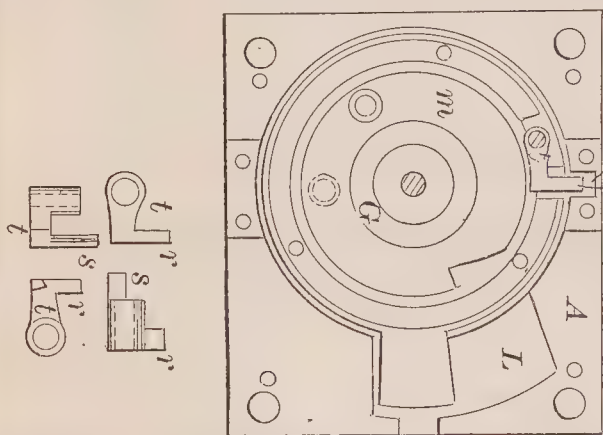
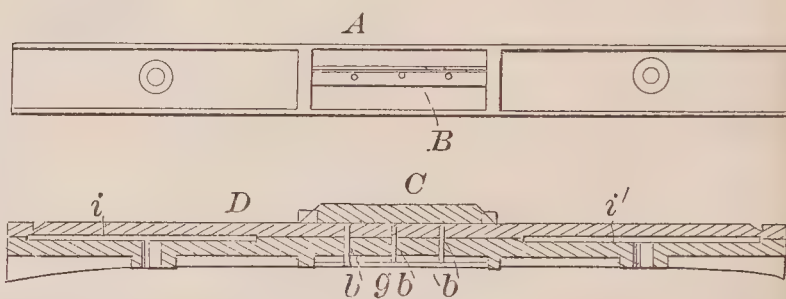
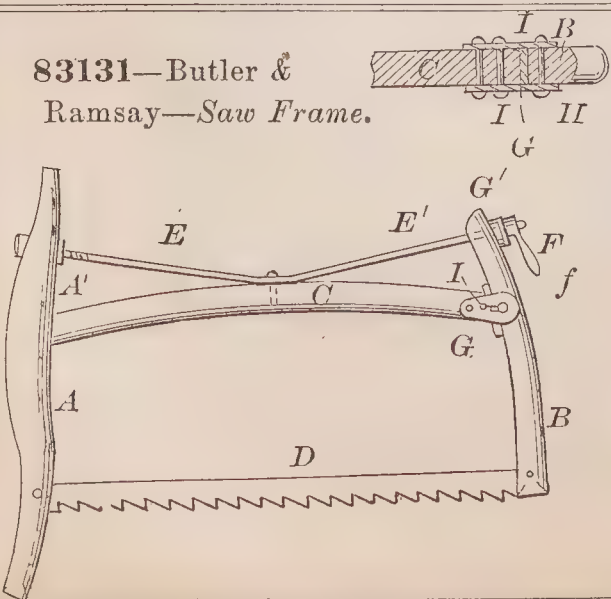
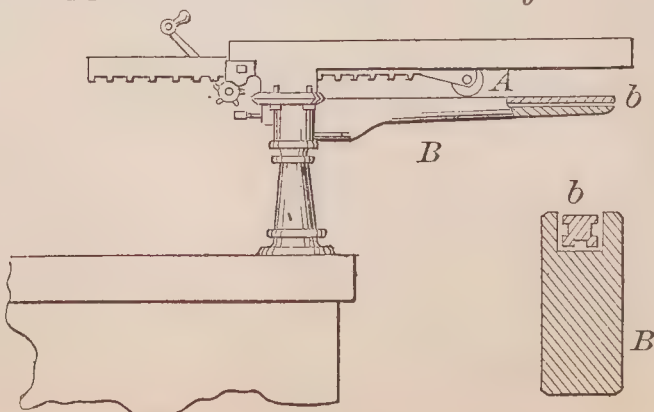
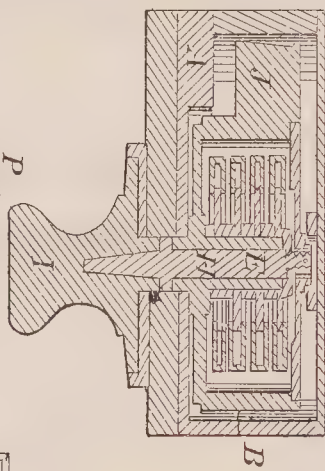
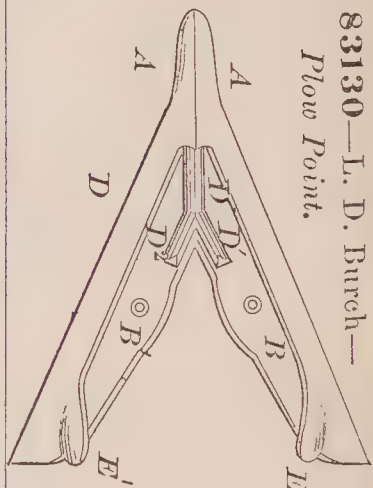
83120—Mrs. J. H. Mott—*Table Cloth Protector.*



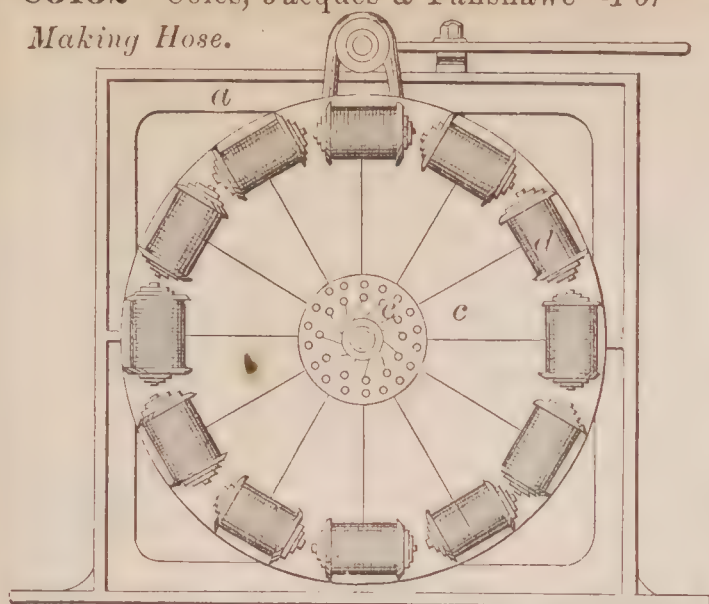
83122—H. Tindall—*Furnace for Roasting and Chloridizing Ore.*



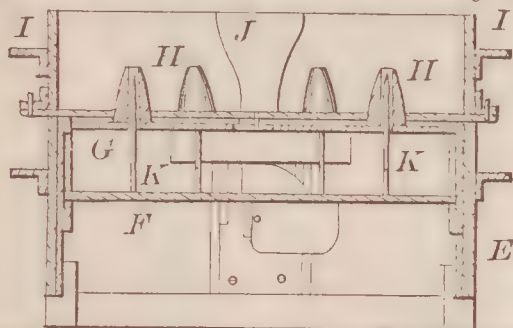


83124—G. S. Acker—*Car Coupling.*83125—E. Andrews—*Boiler Safety Valve.*83126—Andrews & Rawson—*Inkstand.*83127—G. W. Bishop—*Revenue Stamp.*83131—Butler & Ramsay—*Saw Frame.*83128—Bond & Lee—*Grooving Machine.*83129—E. W. Brettell—*Lock.*83130—L. D. Burch—*Plow Point.*

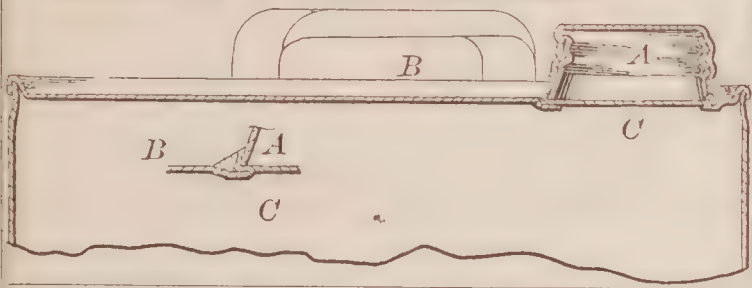
83132—Coles, Jacques & Fanshawe—*For Making Hose.*



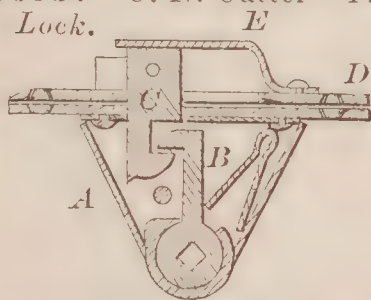
83135—G. G. Cressey—*Venting Core.*



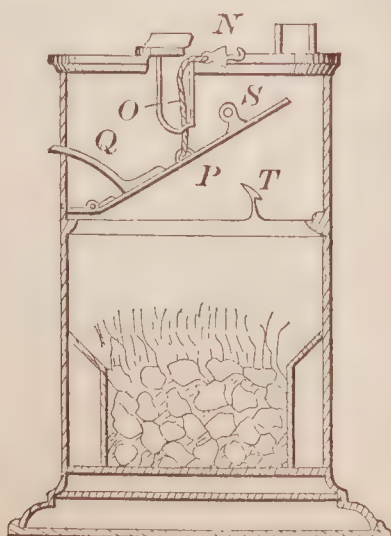
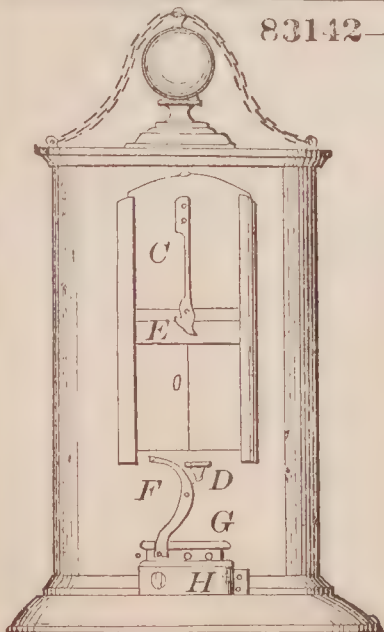
83140—F. W. Devoc—*Can Nozzle.*



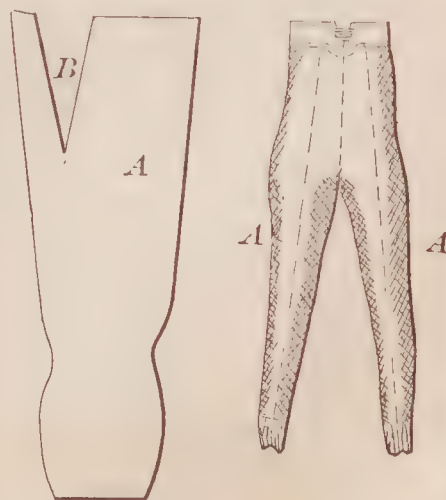
83137—C. N. Cutter—*Trunk Lock.*



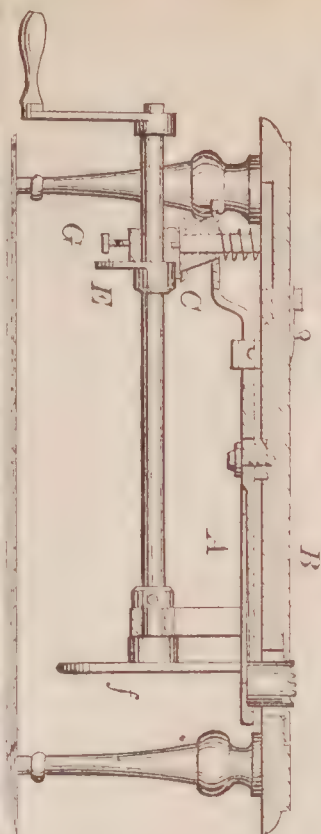
83142—J. C. Eckert—*Car Heater.*



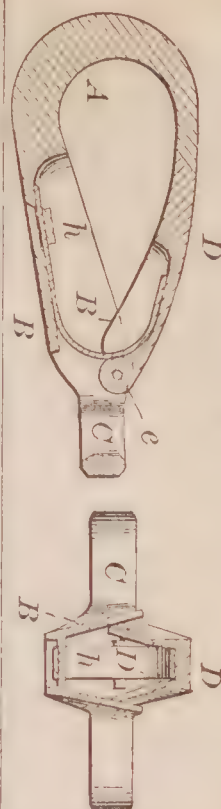
83141—J. Dyson—*Cloth Drawer.*



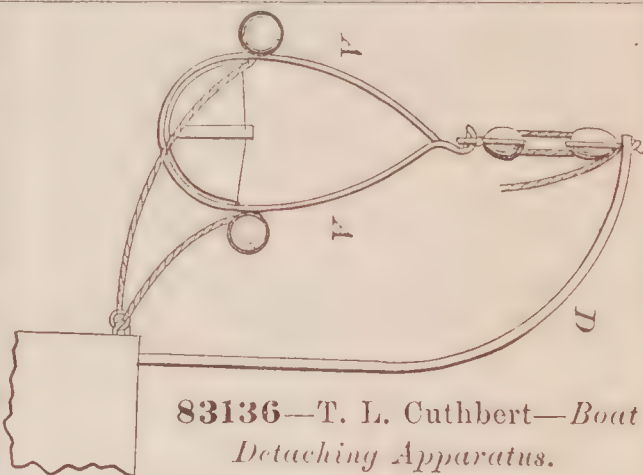
83133—J. L. & D. H. Coles—*Sewing Machine.*



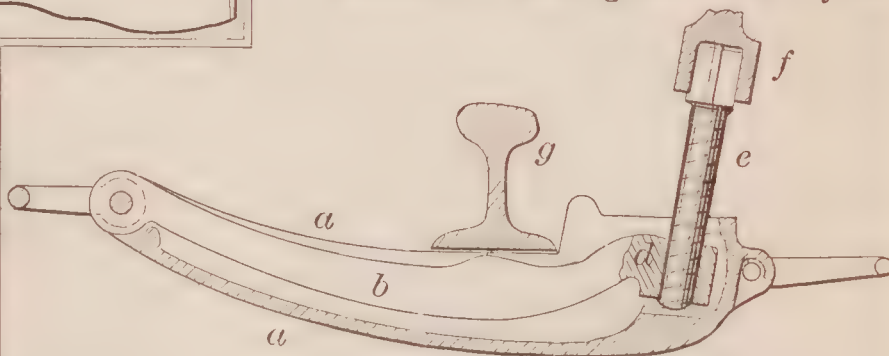
83134—E. A. Cooper—*Snag Hook.*



83136—T. L. Cuthbert—*Boat Detaching Apparatus.*

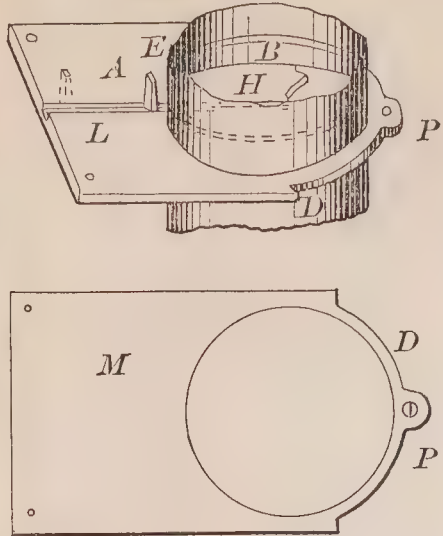


83138—C. de Bergue—*Track Lifter.*

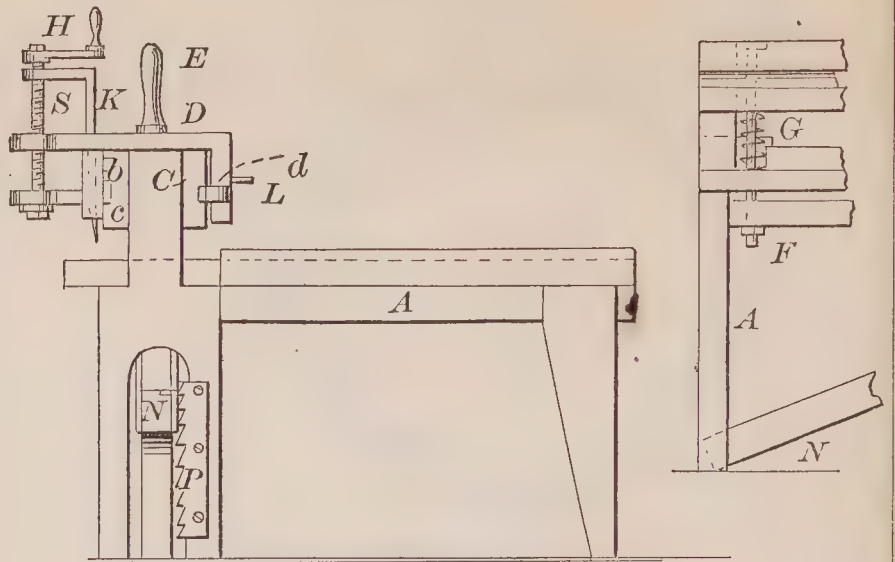




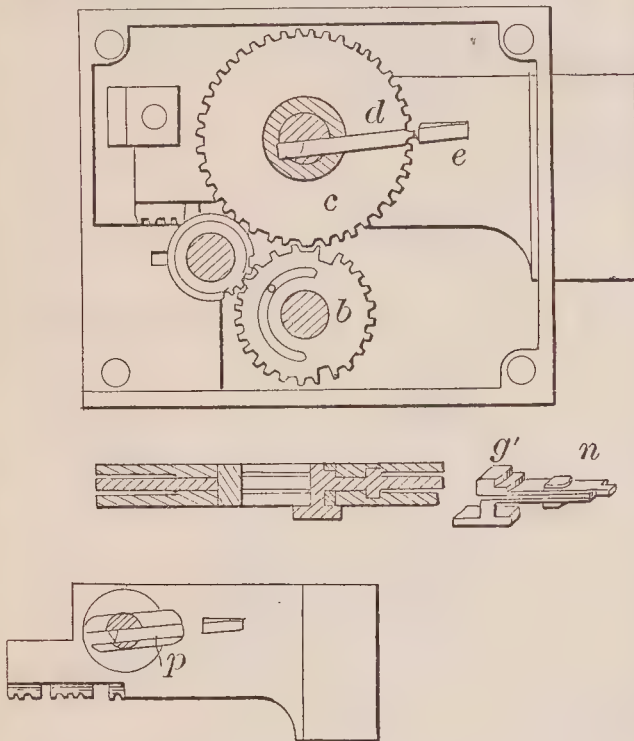
83139—W. H. Deily—*Stove Pipe Damper.*



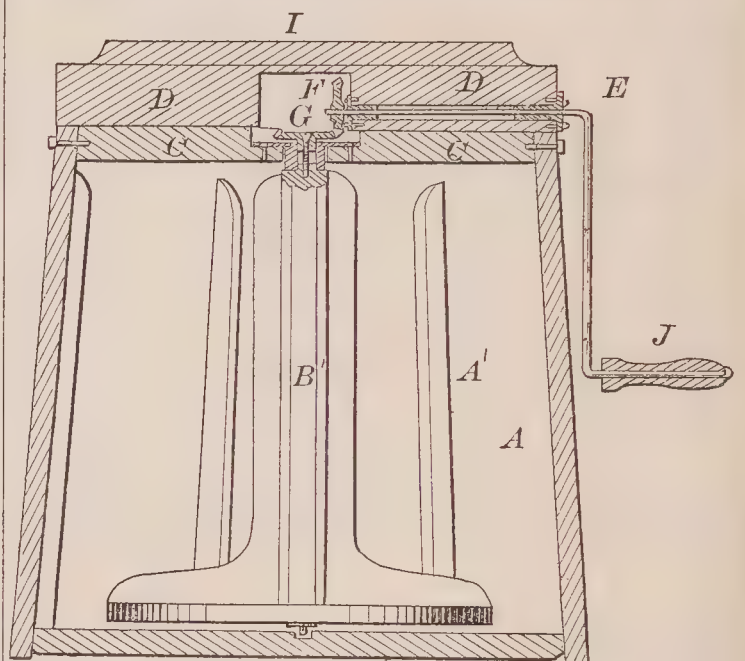
83143—S. Ellsworth—*Paper Cutting Machine.*



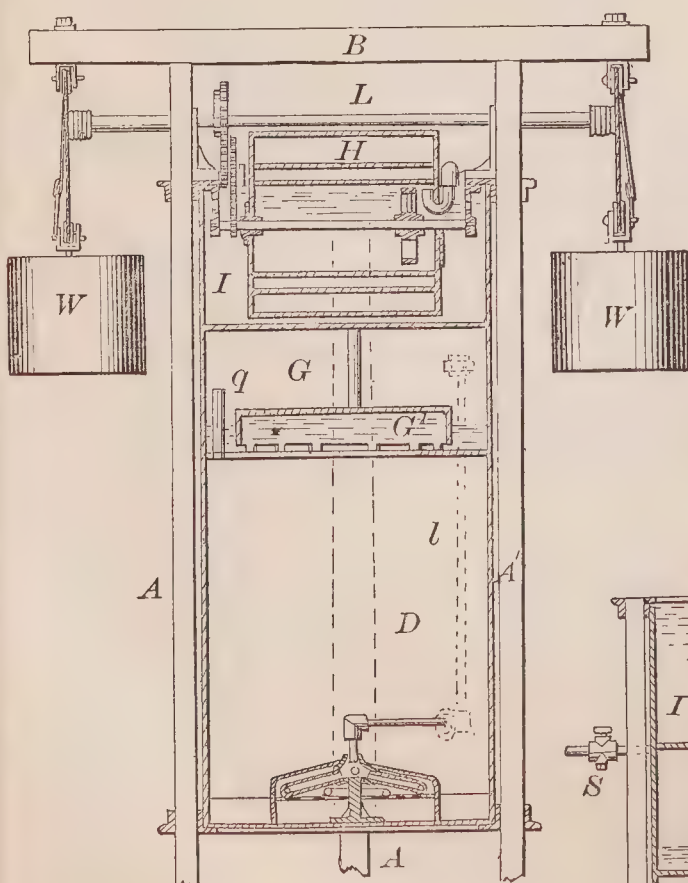
83144—W. F. Ensign—*Lock.*



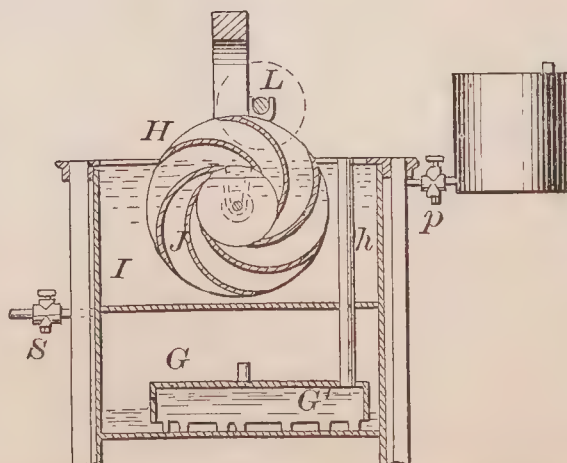
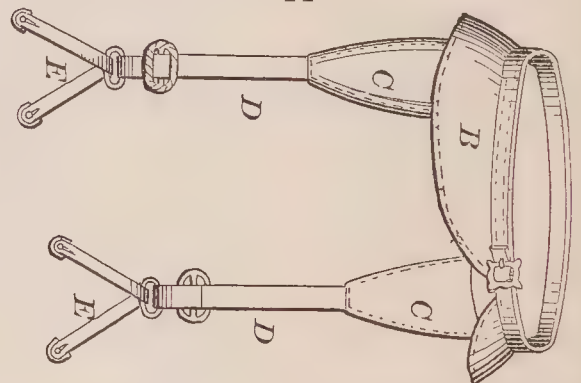
83145—R. E. Ferguson—*Washing Machine.*



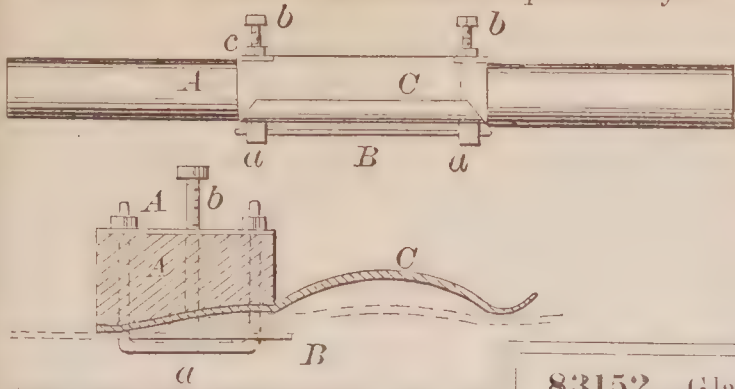
83147—T. F. Frank—*For Carburetting Air.*



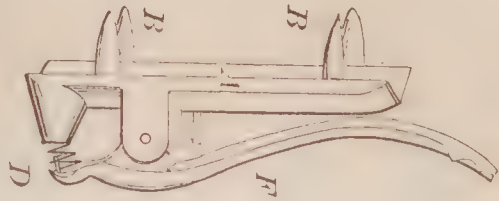
83146—M. J. Foss—*Skirt and Hose Supporter.*



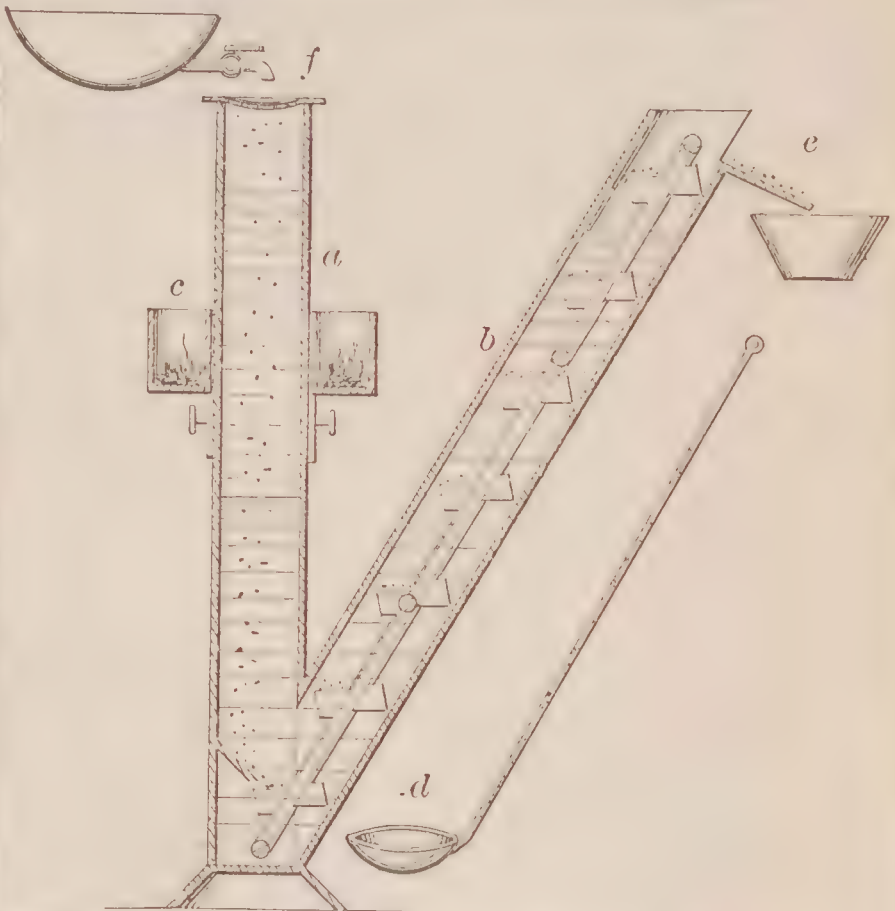
83148—Friend & McCollom—*Splint Knife.*



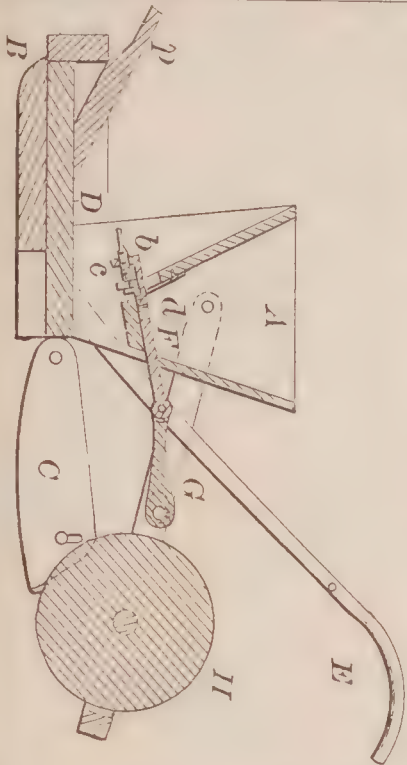
83150—Gillett & Inman—*Rein Holder.*



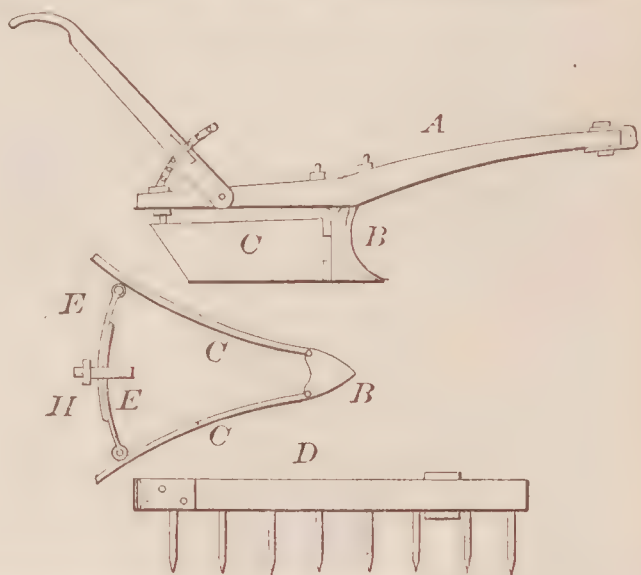
83152—Glasgow & Wood—*Manufacture of Shot.*



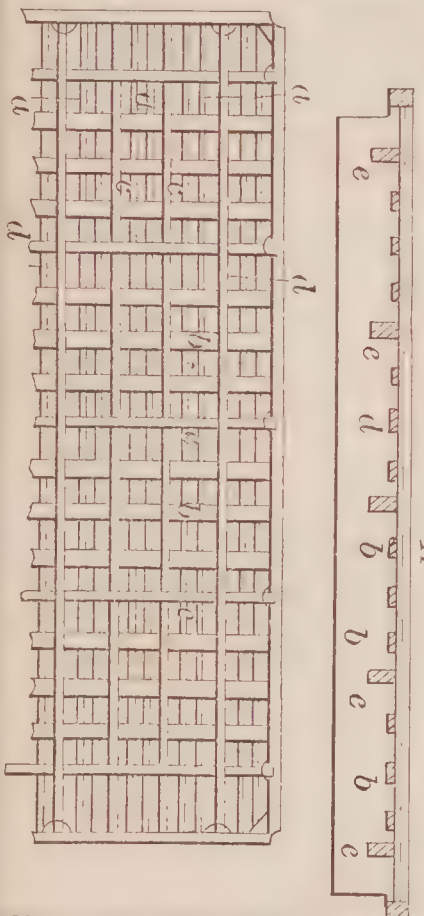
83151—J. M. Mitchell—Seed Planter.



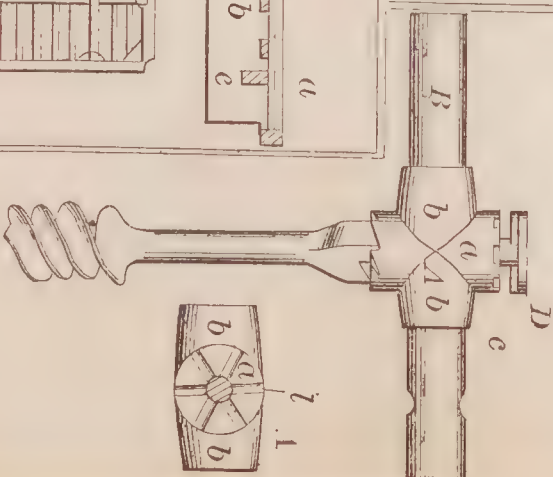
83154—J. Haessel—*Plow and Harrow.*



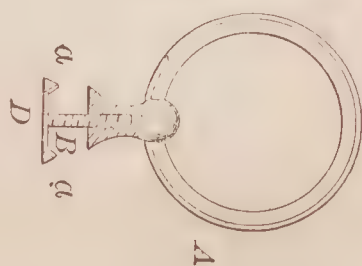
83153—K. Gudenoze—*Billiard Table.*



83156—T. C. Hendry—  
Auger Handle.

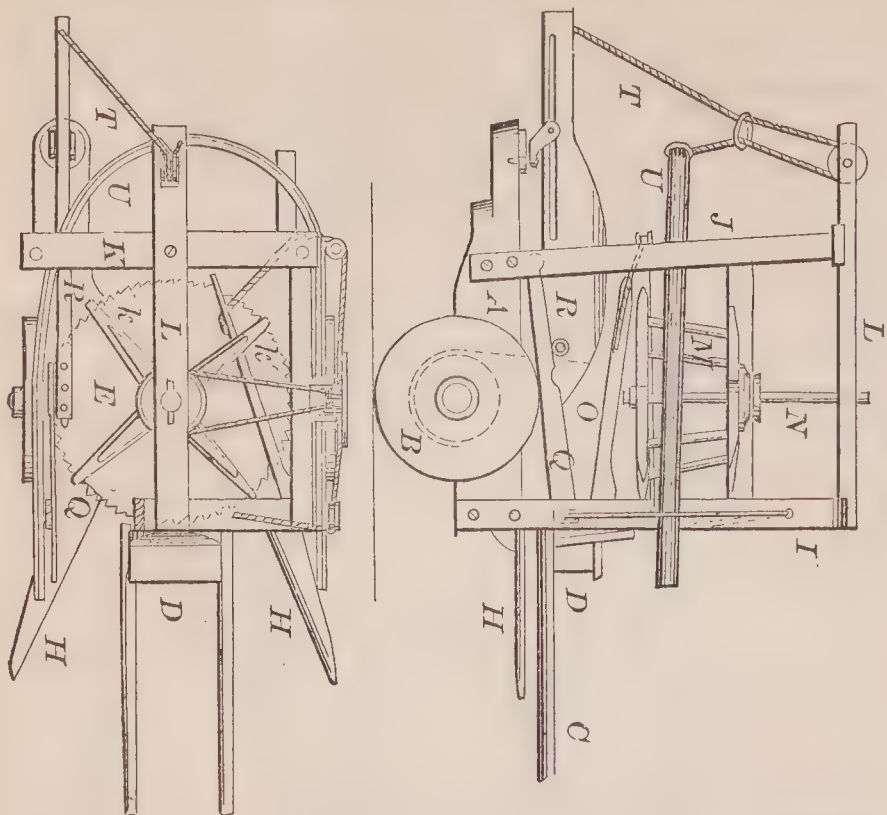


83157—A. L. Hill—*Fastening for  
Check Hooks.*

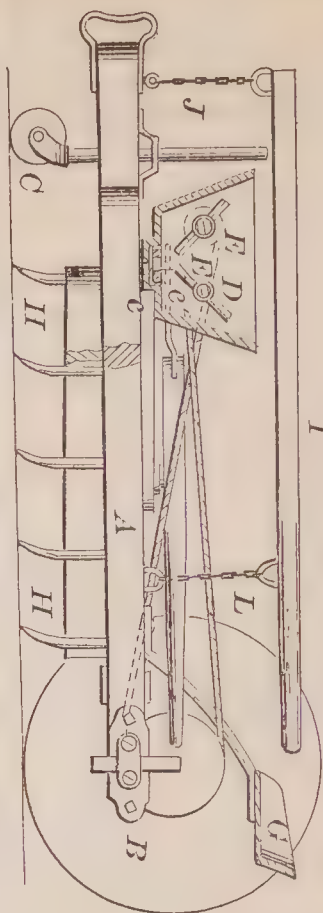




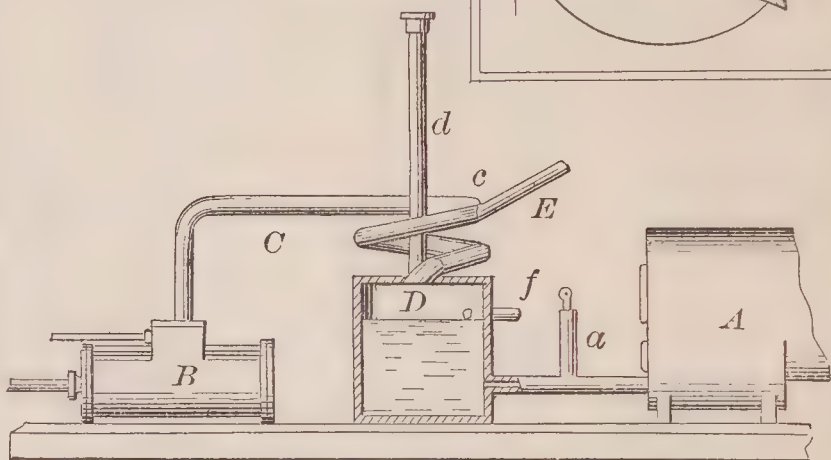
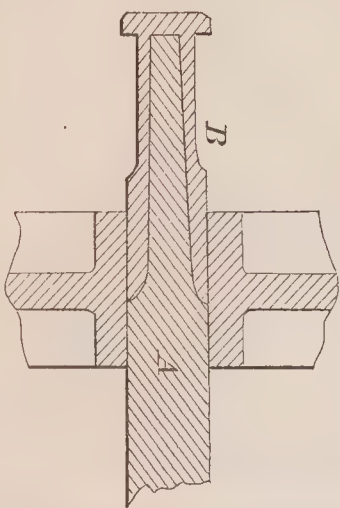
83155—J. D. Hampshire—*Corn Harvester.*



83158—F. A. Hill—*Seeding Machine.*

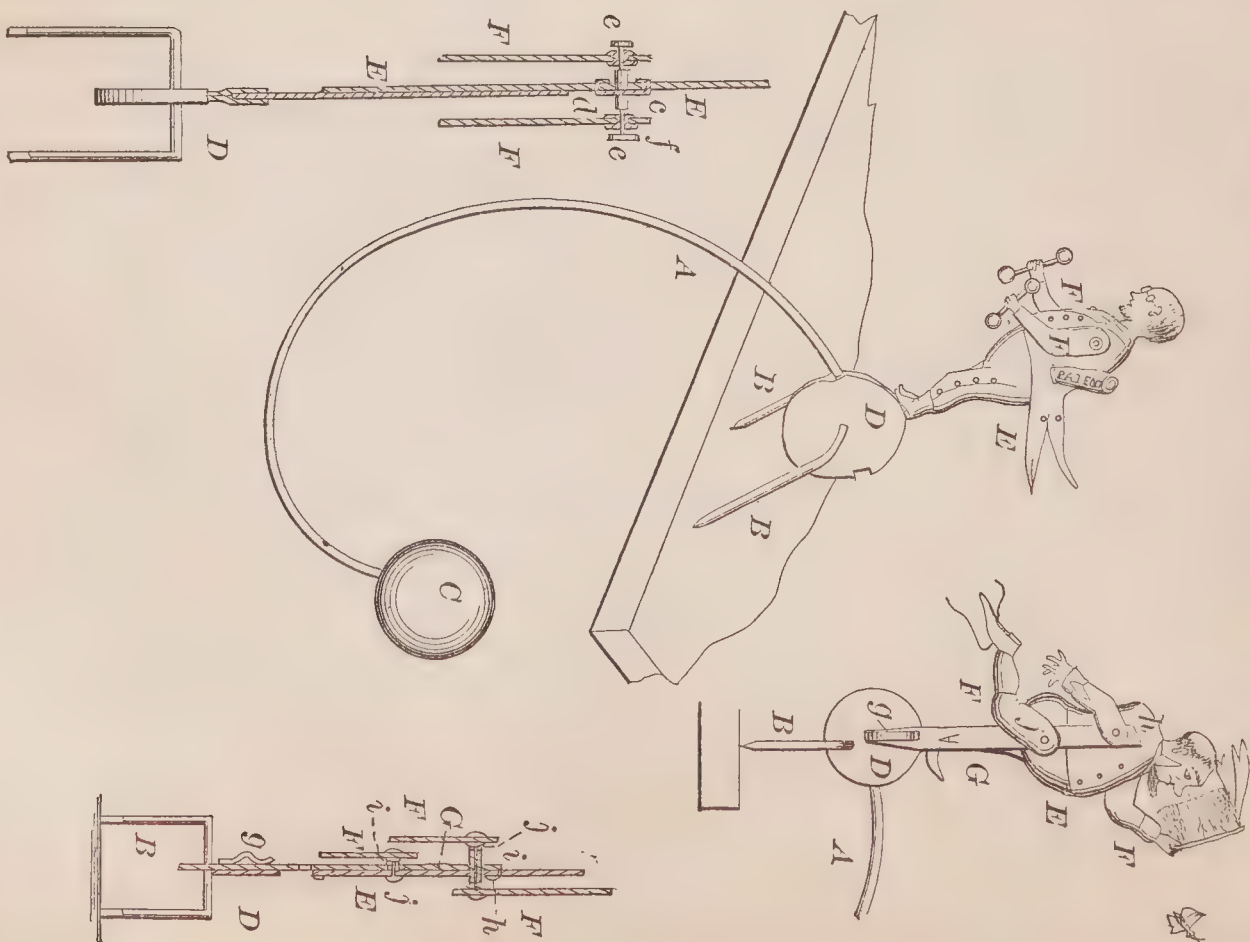


83159—G. H. Hoagland—*Railroad Axle.*

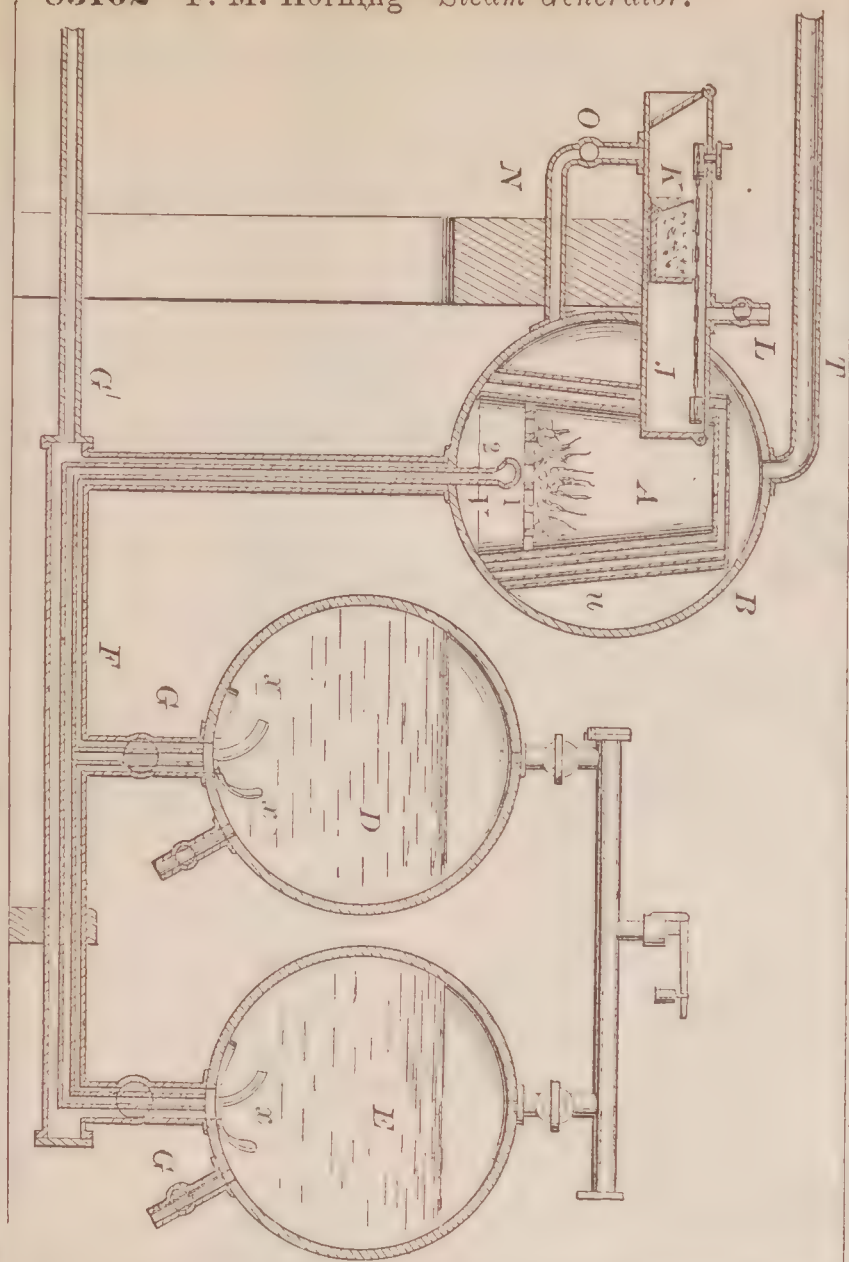


83161—B. A. Hopkins—*Feed Water Heater.*

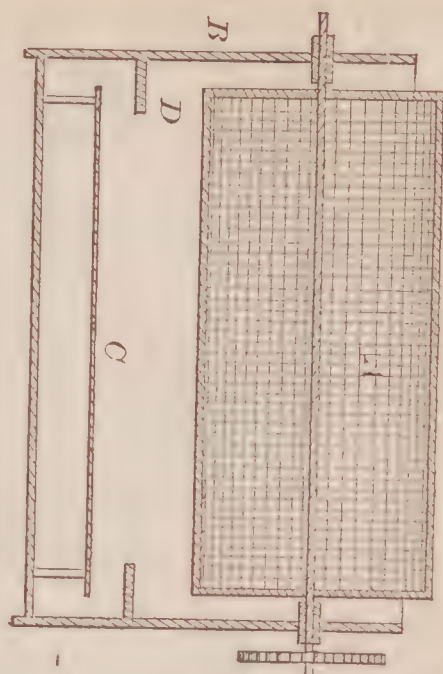
83160—J. L. Holt—*Toy.*



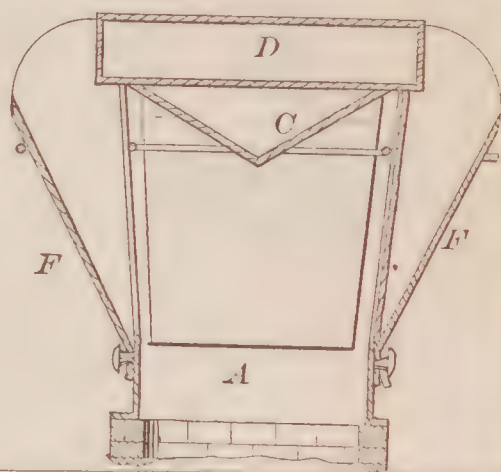
83162—F. M. Horning—*Steam Generator.*



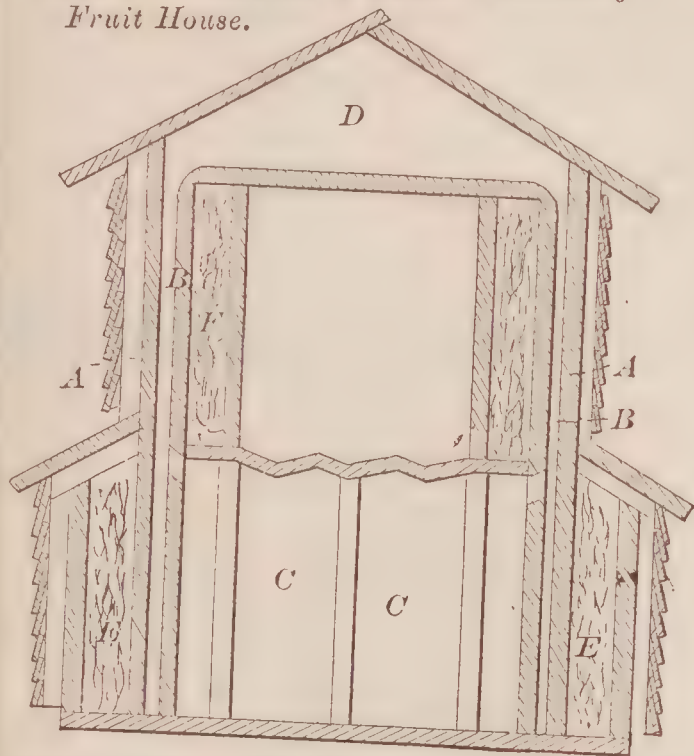
83165—A. Howland—*Paper Machine.*



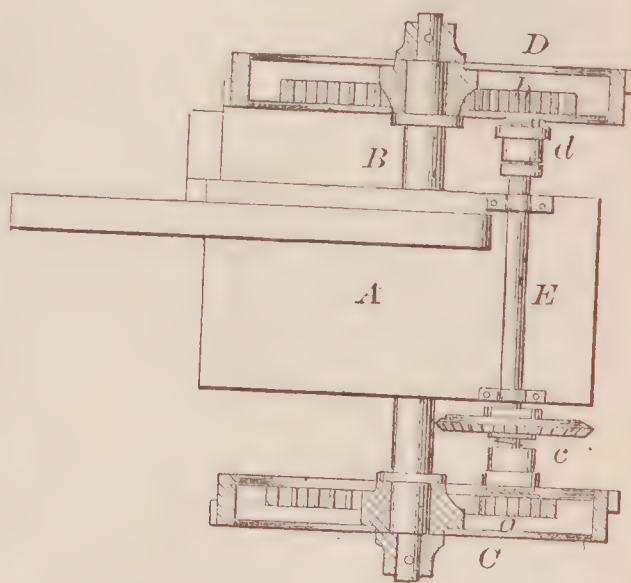
83166—B. Irrgang—*Chimney Cowl.*



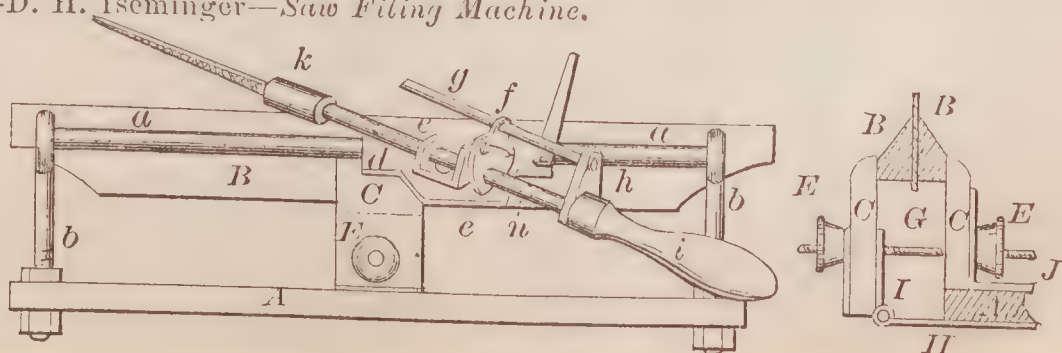
83163—Houghton & Rees—*Ventilating Fruit House.*



83164—H. Howe—*Harvester.*

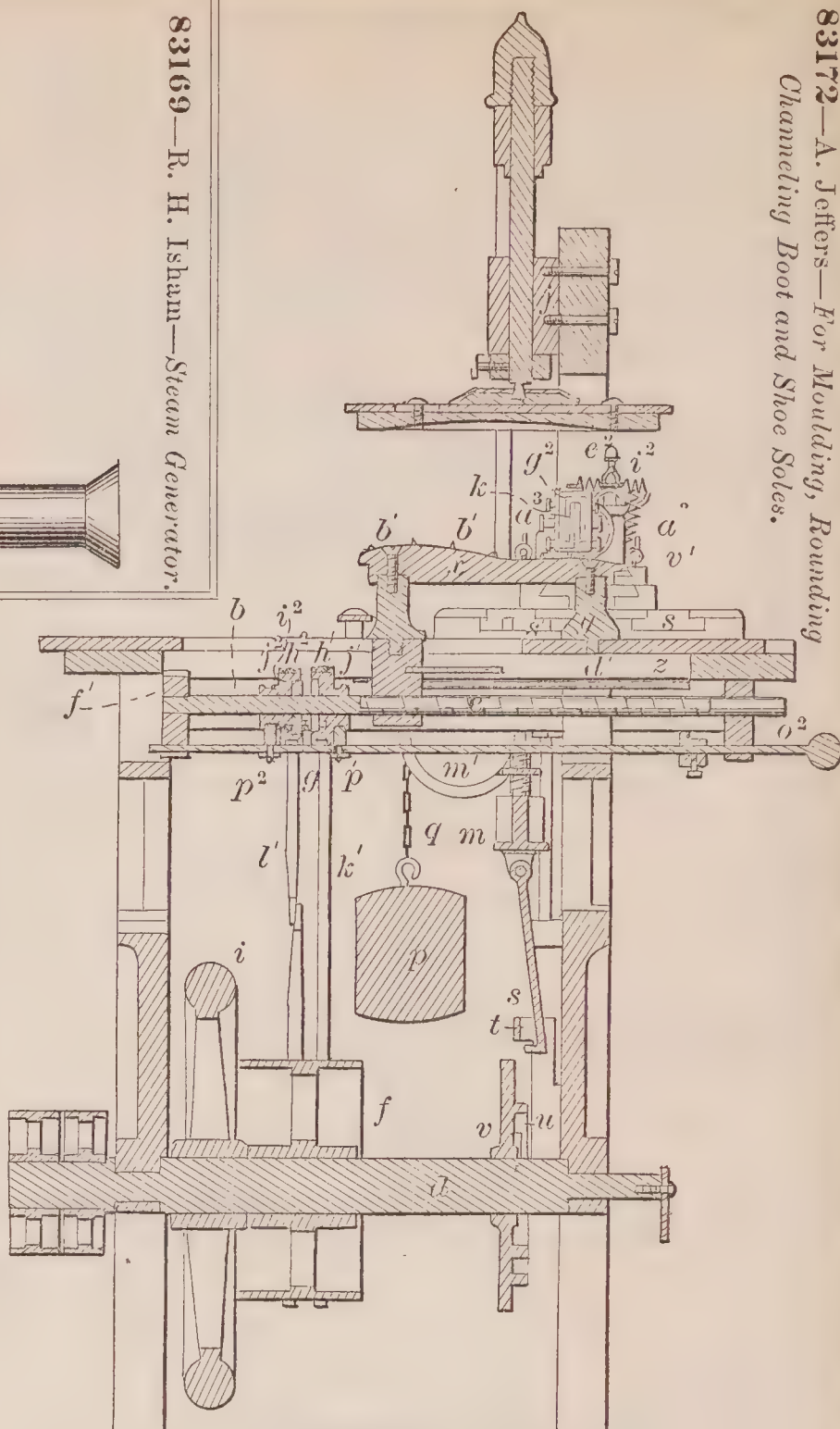


83168—D. H. Iseminger—*Saw Filing Machine.*

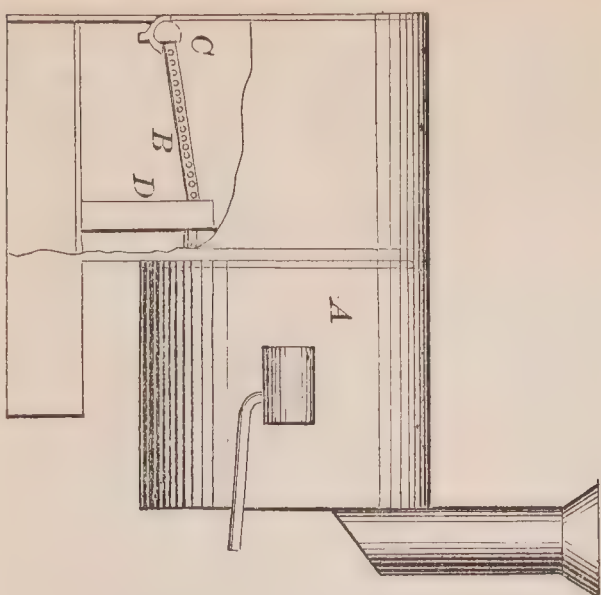




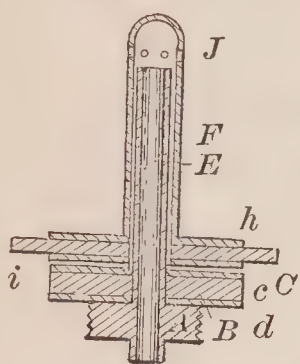
83172—A. Jeffers—For Moulding, Rounding  
Channeling Boot and Shoe Soles.



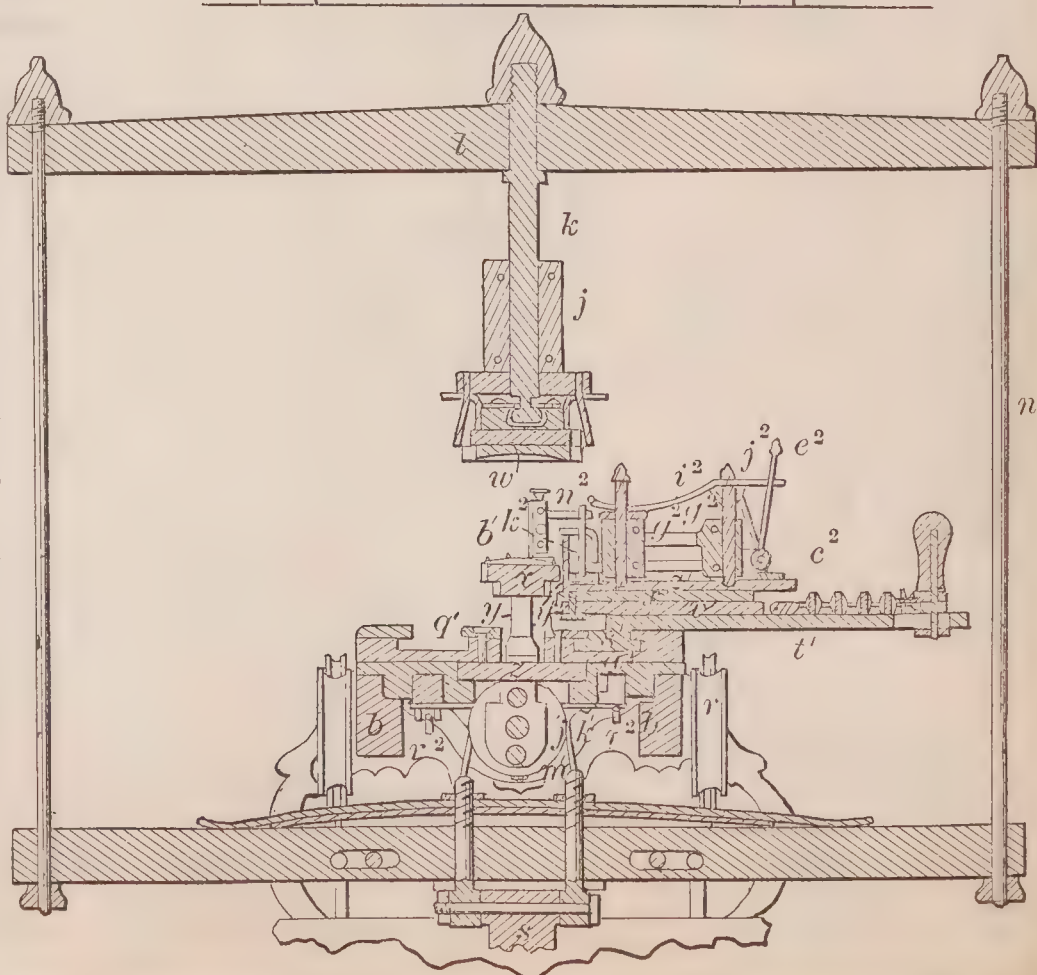
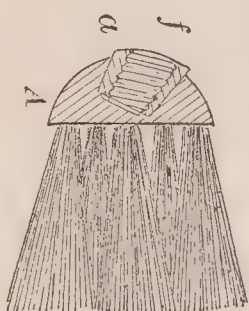
83169—R. H. Isham—Steam Generator.



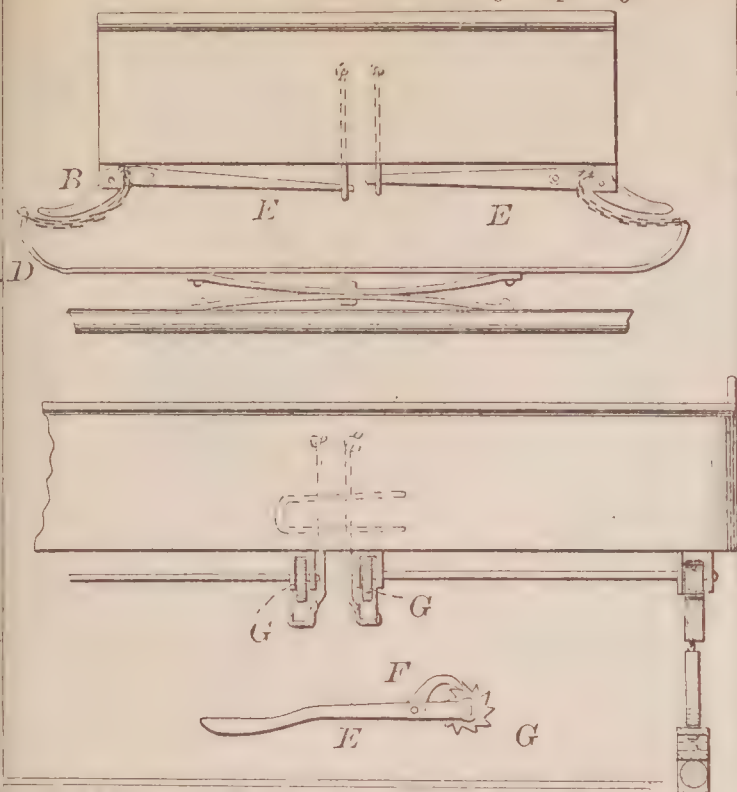
83171—W. W. Jacobs—  
Vapor Burner.



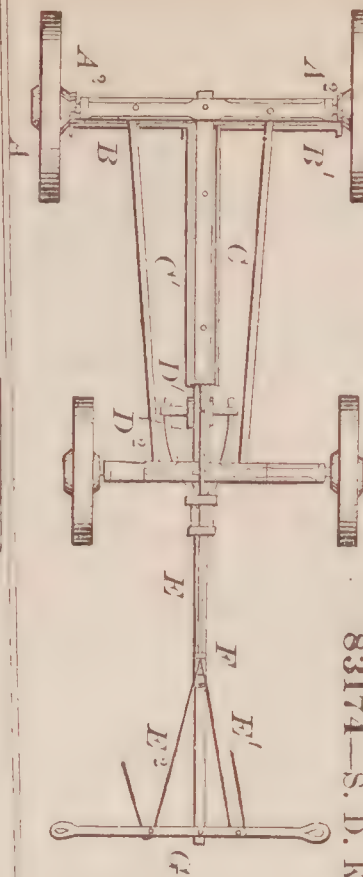
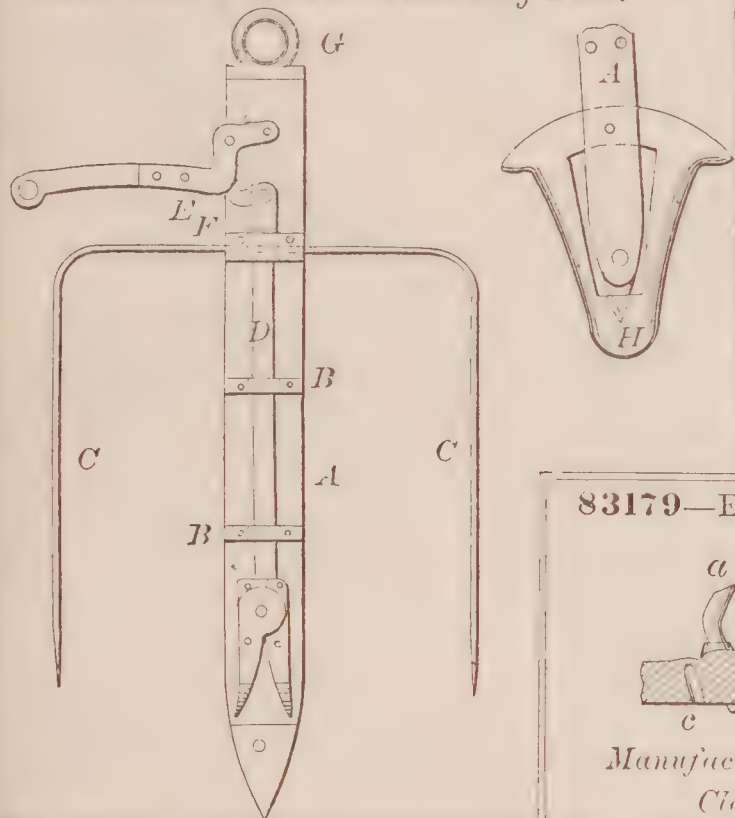
83173—W. H. Johnson—Socket for Brush Handles.



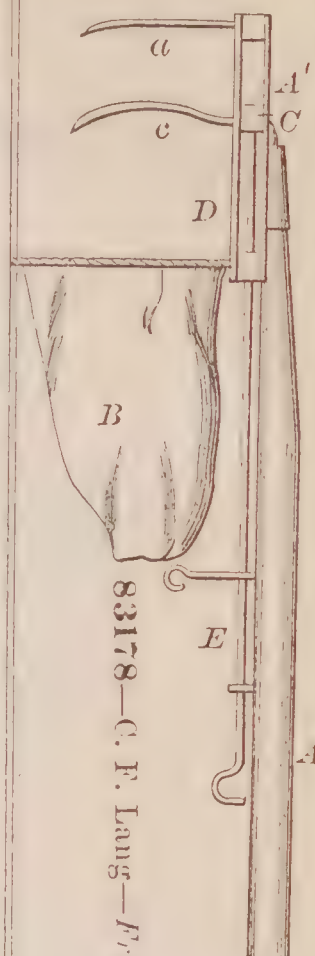
3170—J. Jackson—Carriage Spring.



83175—J. B. Kurtz—Horse Hay Fork.

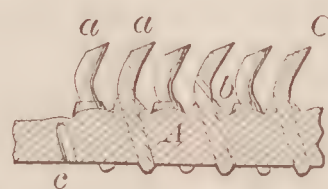


83174—S. D. Kimble—Carriage Brake.



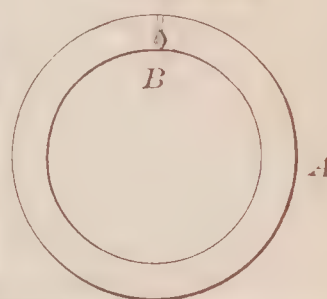
83178—C. F. Lang—Fruit Gatherer.

83179—E. S. Lawrence—

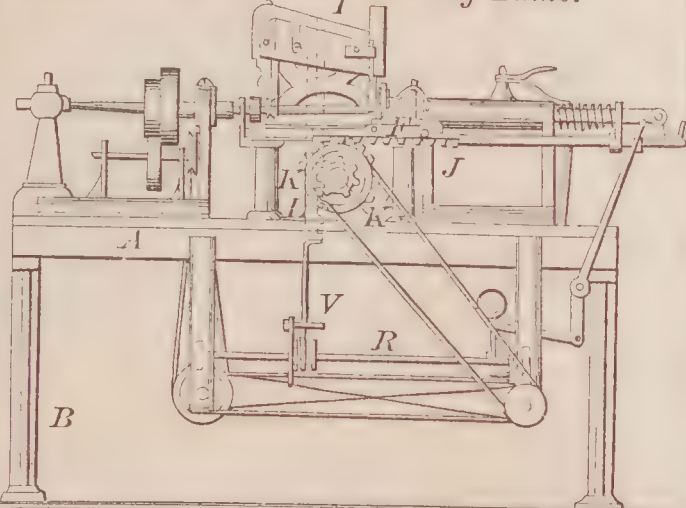


Manufacture of Card Clothing.

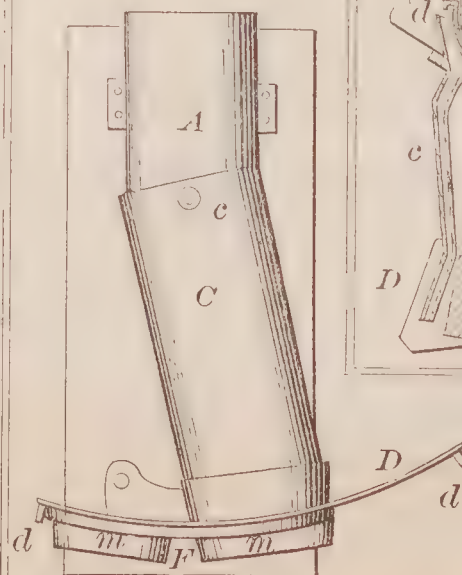
83177—I. Lamplugh—Welding Tire.



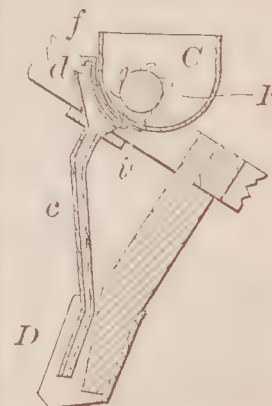
83181—S. R. Lewis—Turning Lathe.



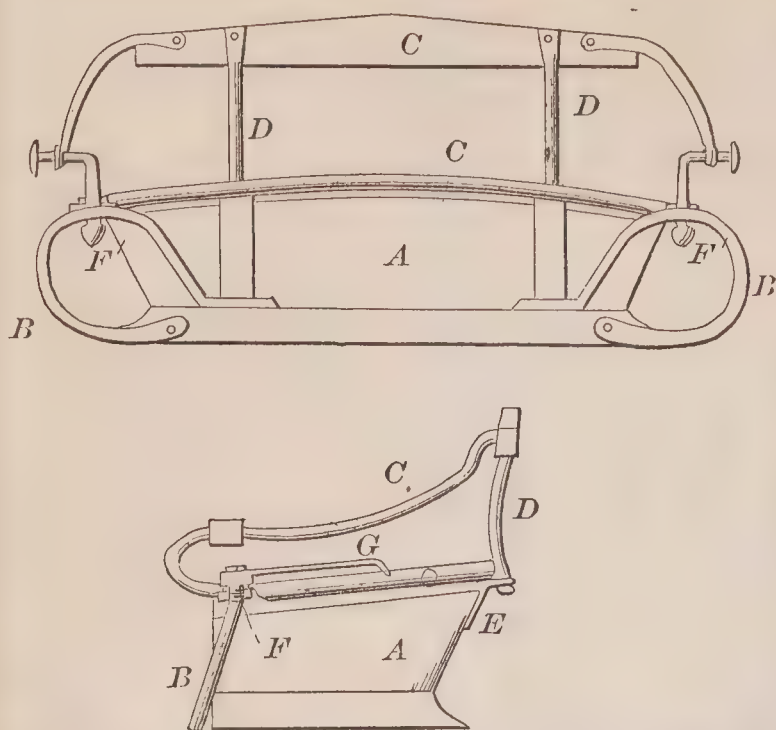
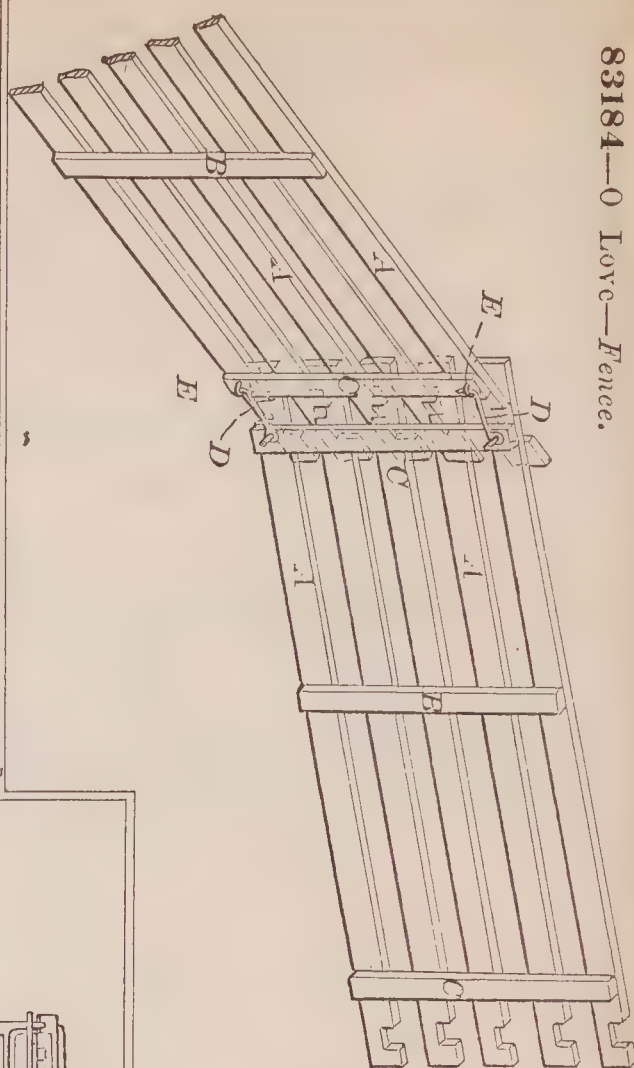
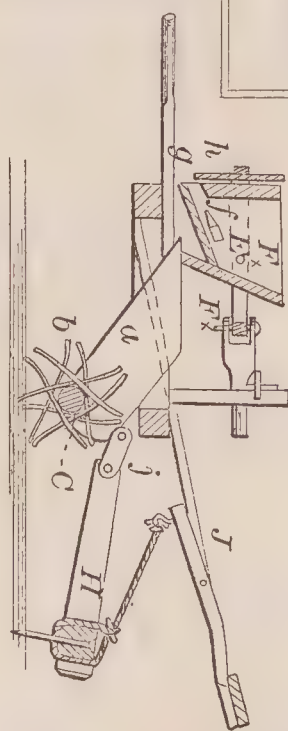
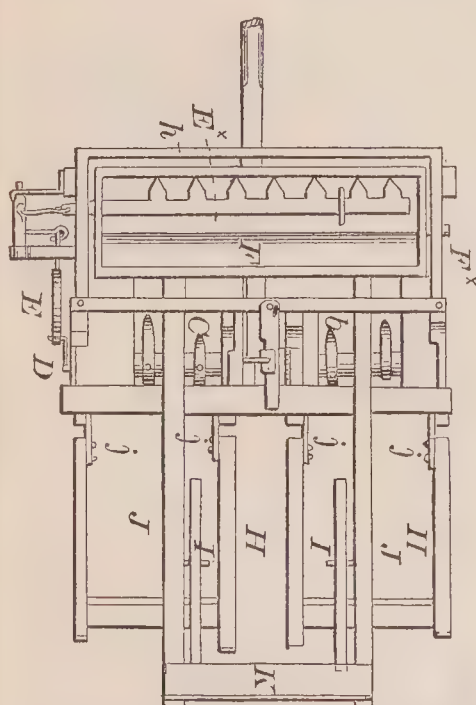
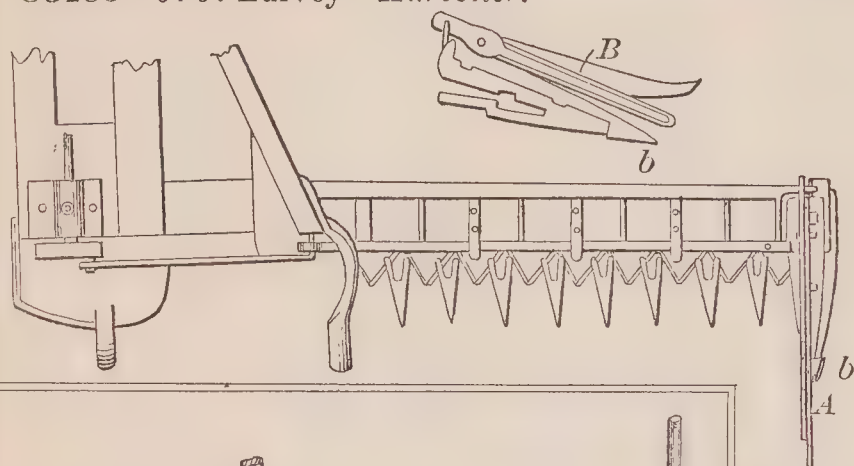
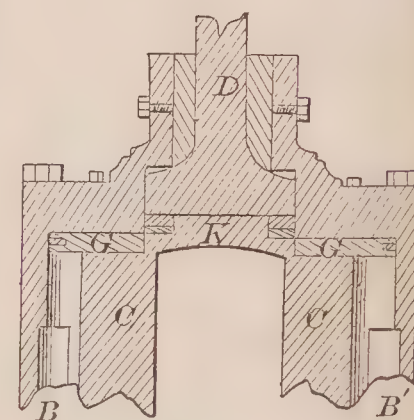
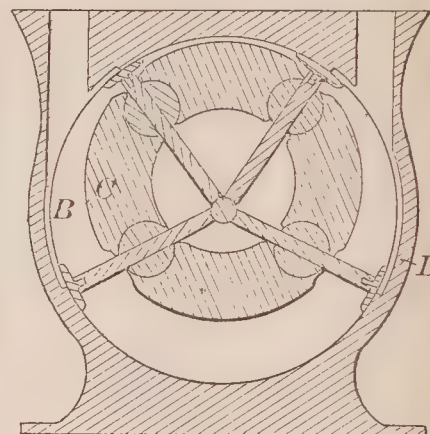
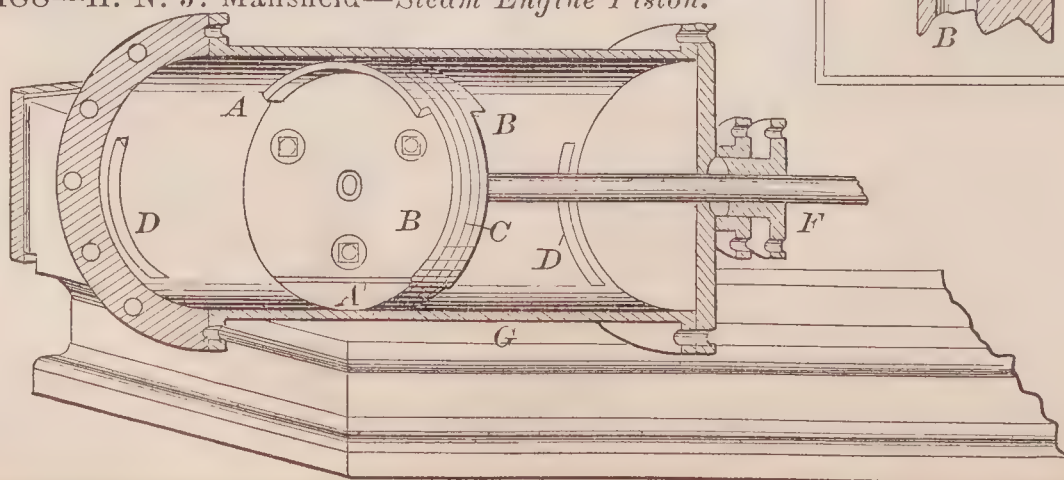
83176—Laird & Stone—Rain Water Cut-off.



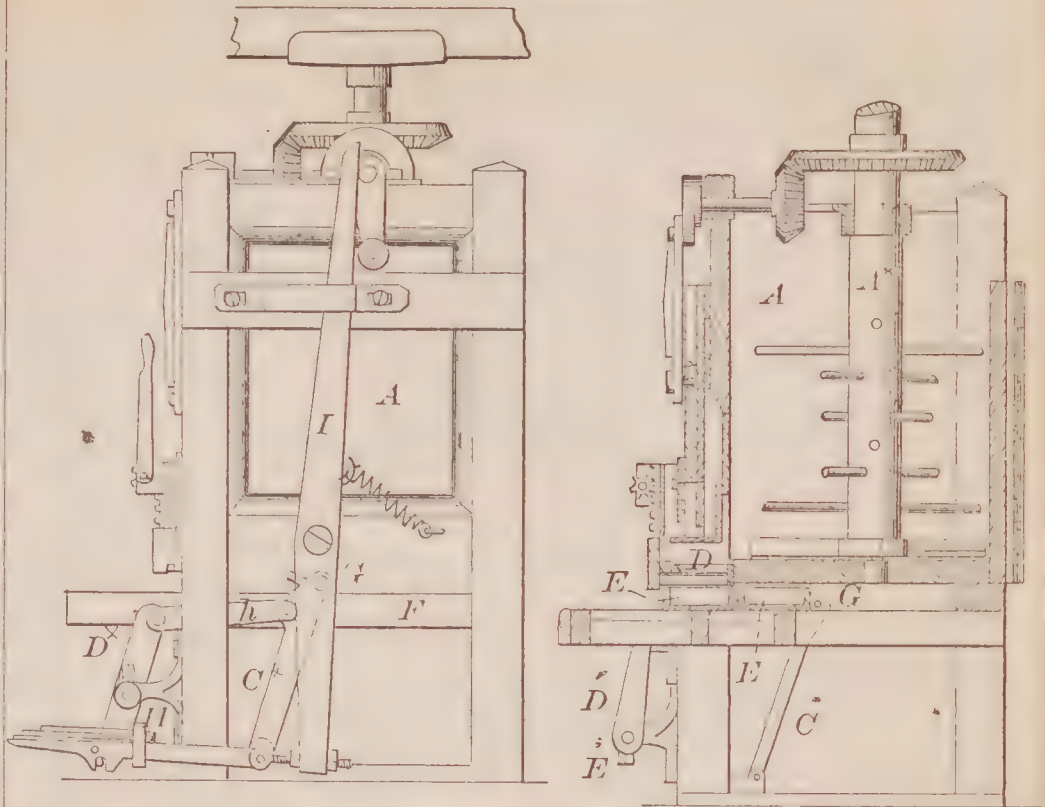
83180—Ledlie & Gray—Seed Drill.



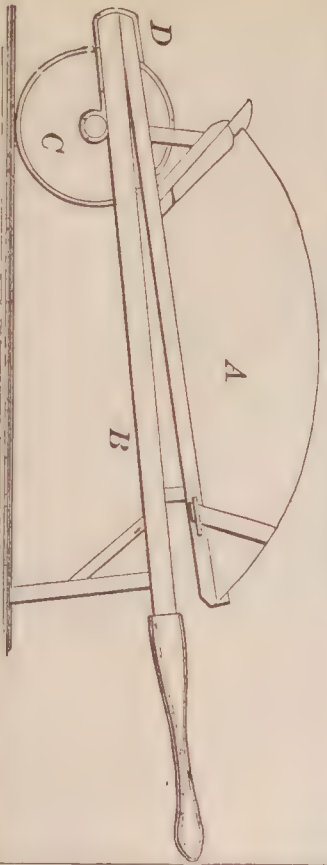


83183—T. Lodge—*Shifting Buggy Top.*83184—O. Love—*Fence.*83185—J. J. Lurvey—*Harvester.*83187—S. Mahurin—*Cultivator.*83186—W. J. Lyman—*Steam Engine.*83188—H. N. J. Mansfield—*Steam Engine Piston.*

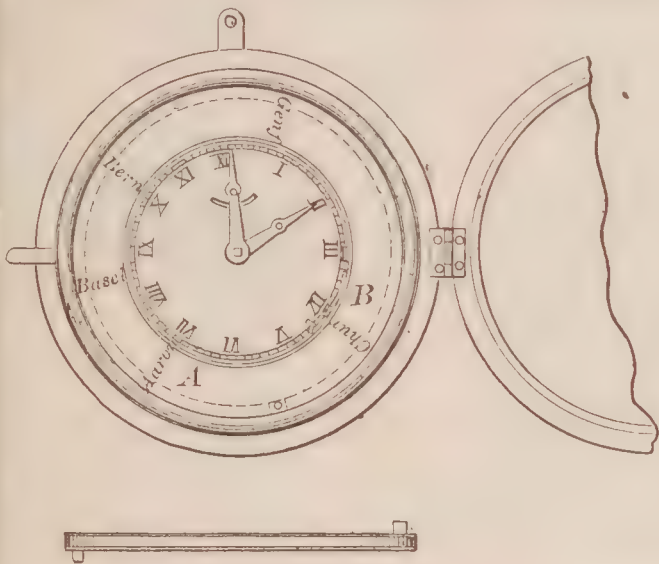
83191—J. Martin—*Brick Machine.*



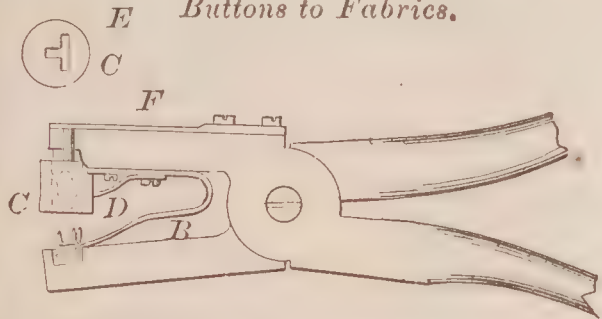
83189—E. B. Marshall—*Wheelbarrow.*



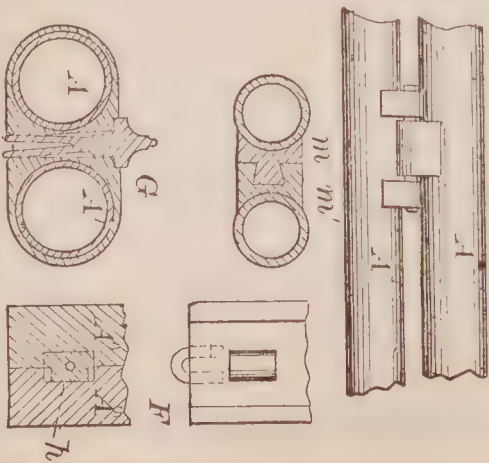
83190—E. B. Marshall—*Station Indicator.*



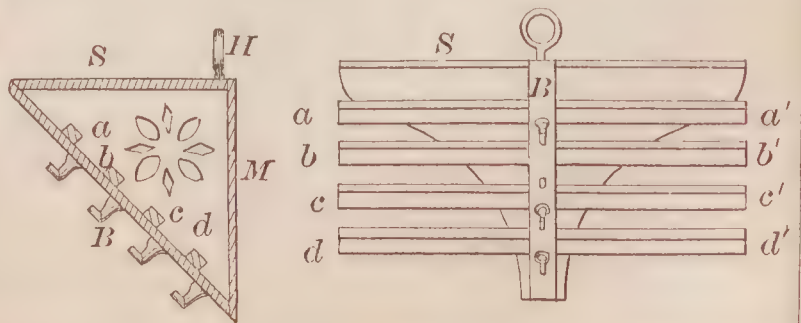
83193—H. Mauch—*For Attaching Buttons to Fabrics.*



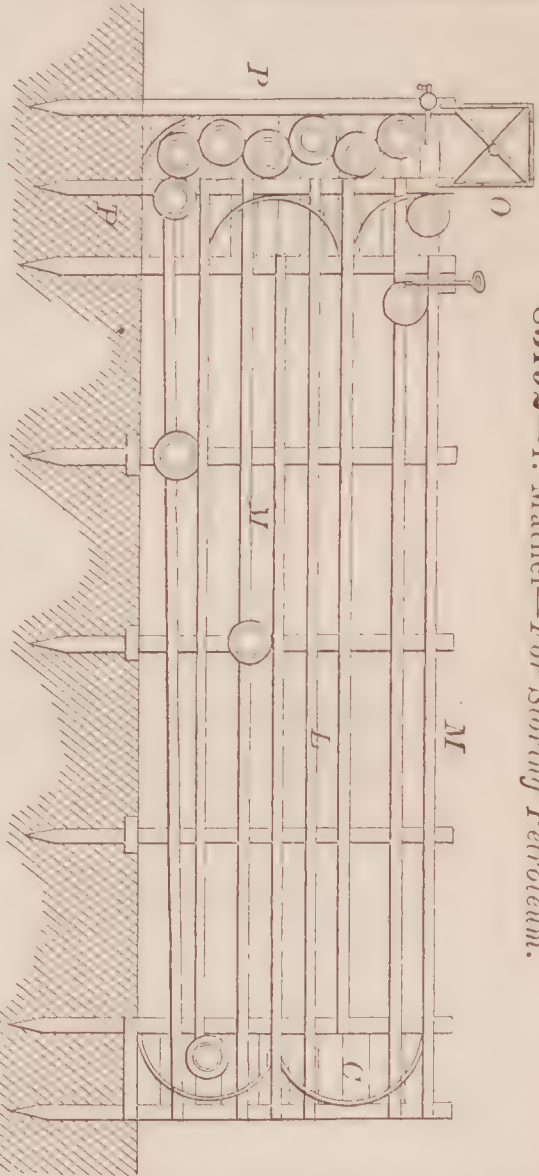
83194—E. Maynard—*Fire Arm.*



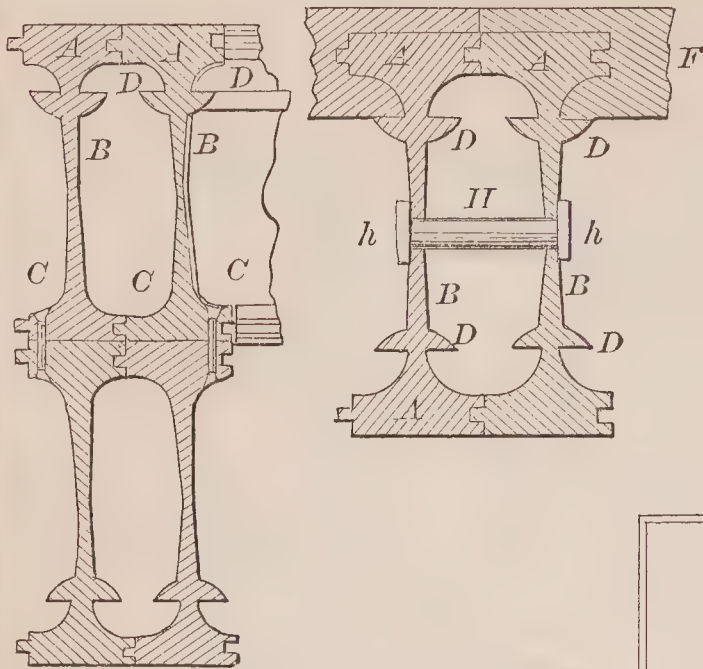
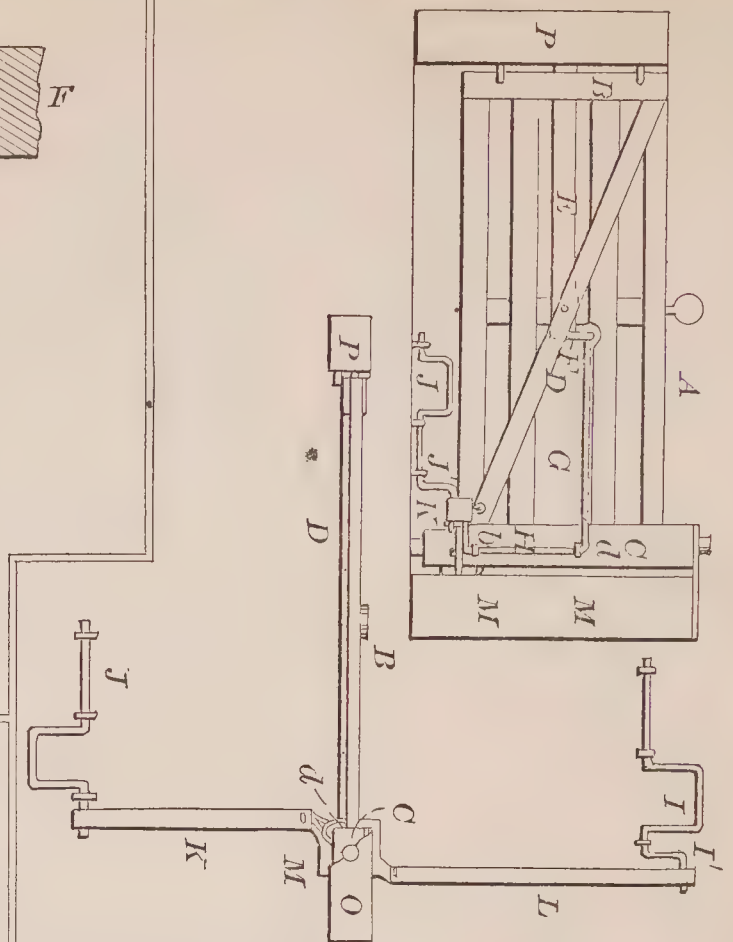
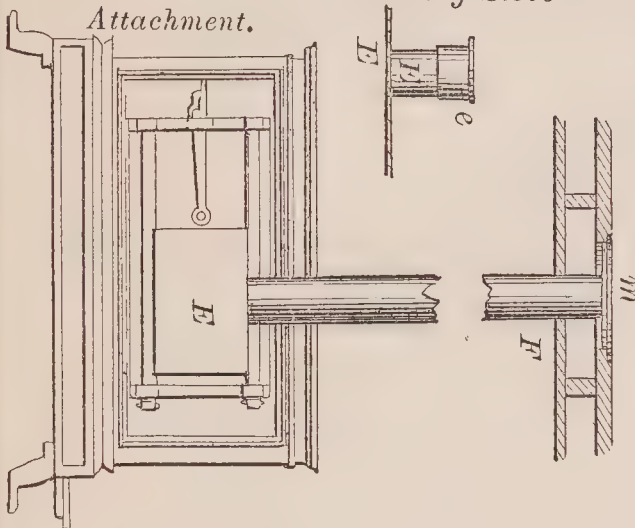
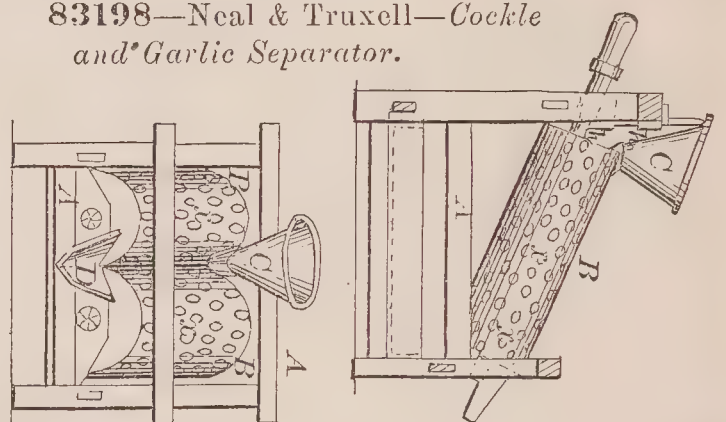
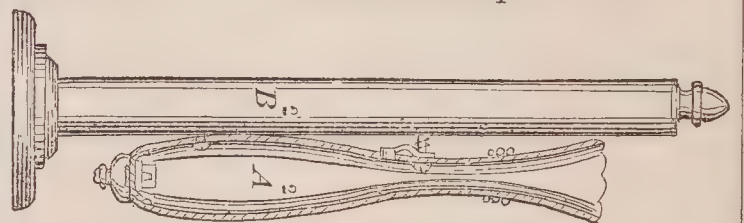
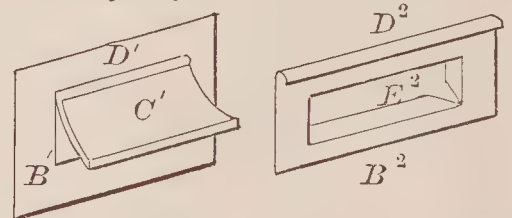
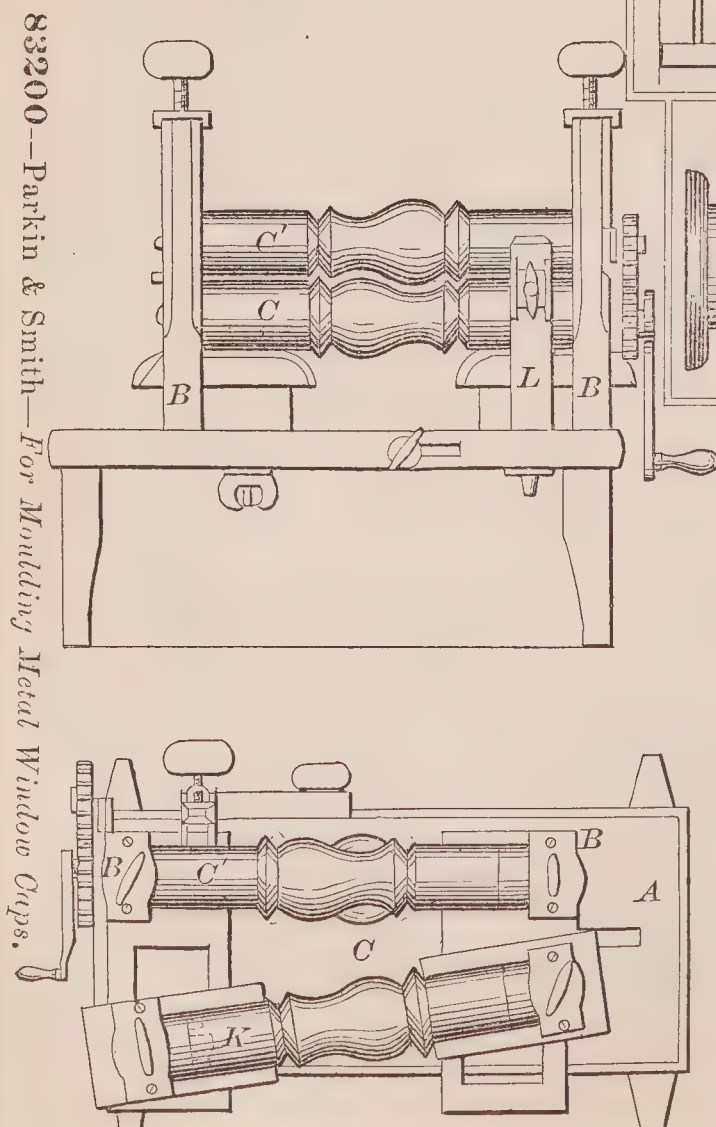
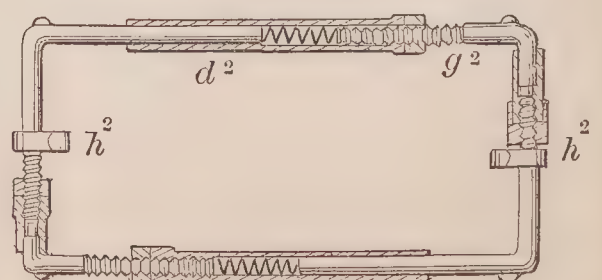
83195—W. A. Middleton—*Bracket and Rack.*



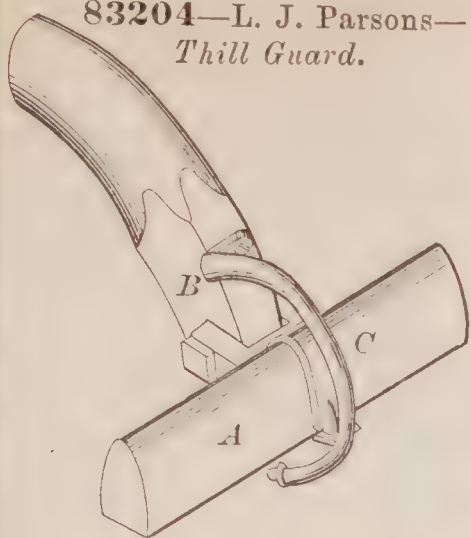
83192—I. Mahei—*For Storing Petroleum.*



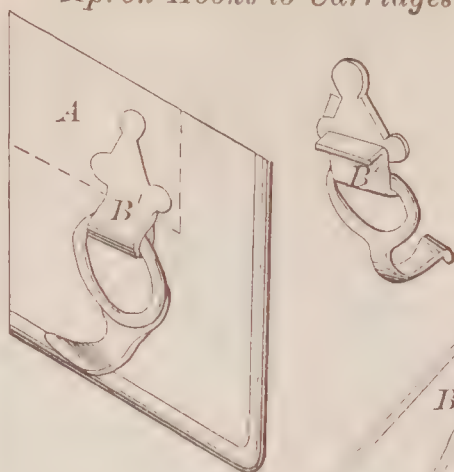


83196—J. Montgomery—*Beam and Girder.*83197—P. Mougey—*Farm Gate.*83199—J. Norris—*Cooking Stove Attachment.*83198—Neal & Truxell—*Cockle and Garlic Separator.*83203—L. J. Parsons—*Whip Socket.*83201—L. J. Parsons—*Binding the Edges of Rein Holders.*83202—L. J. Parsons—*Mosquito Bar Frame.*

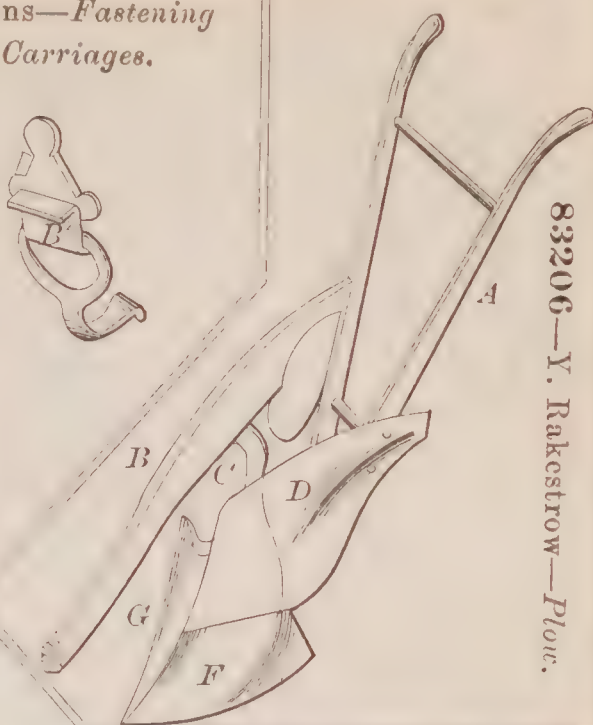
83204—L. J. Parsons—*Thill Guard.*



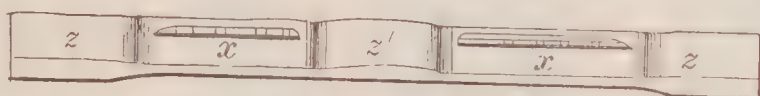
83205—L. J. Parsons—*Fastening Apron Hooks to Carriages.*



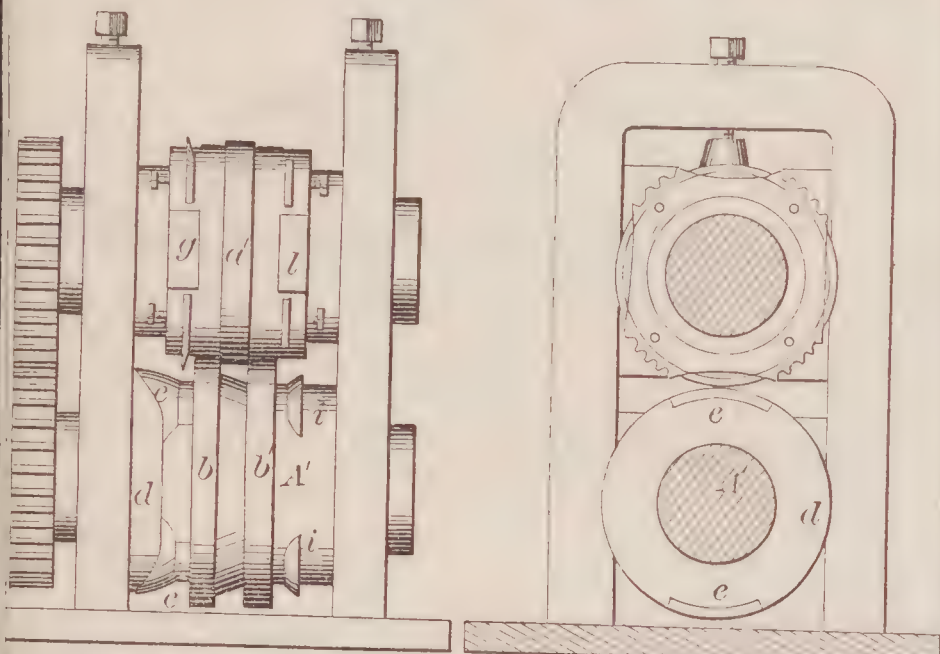
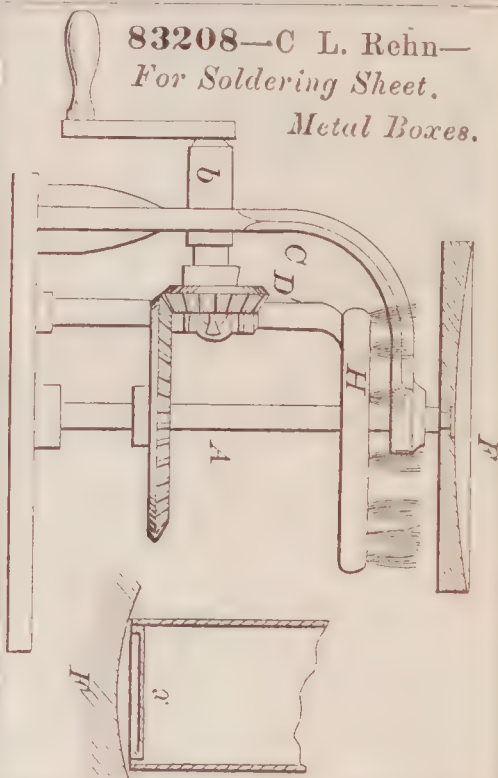
83206—Y. Rakestrow—*Plow.*



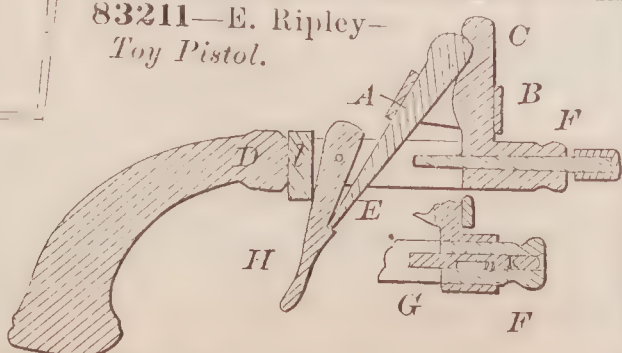
83207—A. Reese—*Rolling Horse Shoe Blank.*



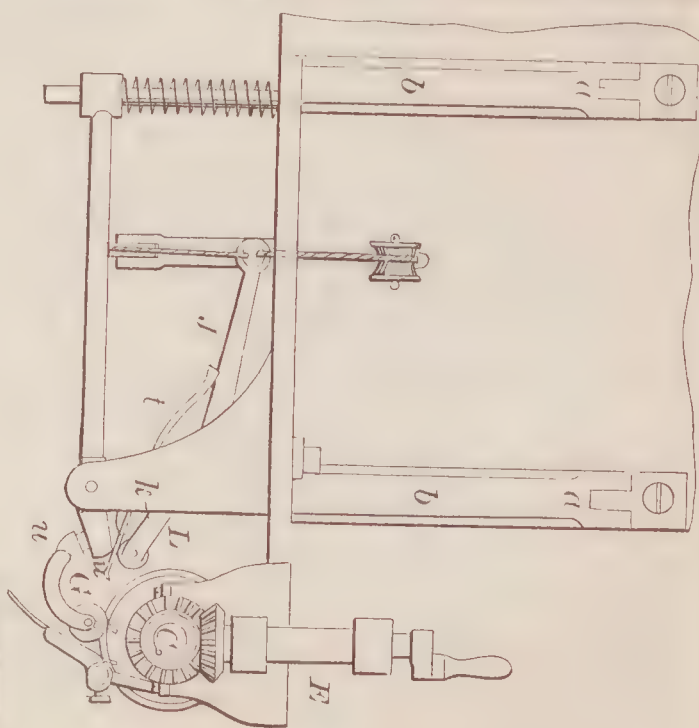
83208—C. L. Rehn—*For Soldering Sheet Metal Boxes.*



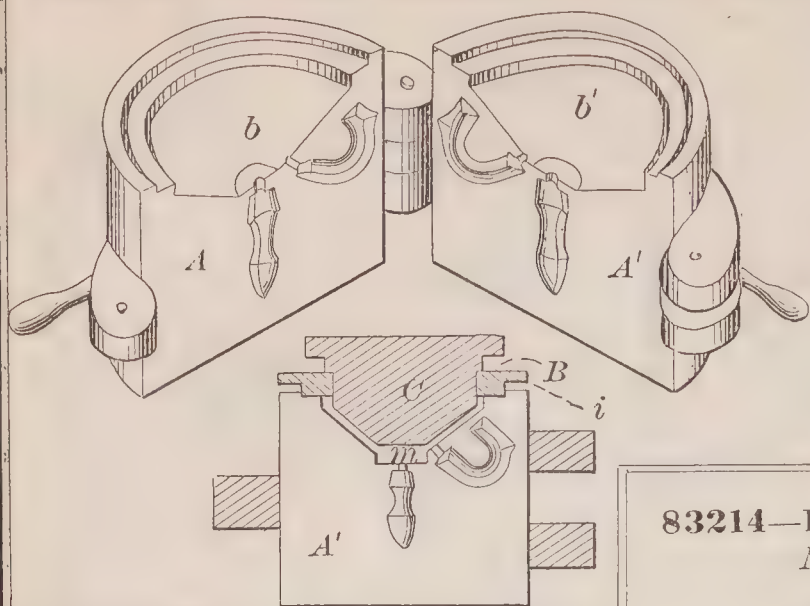
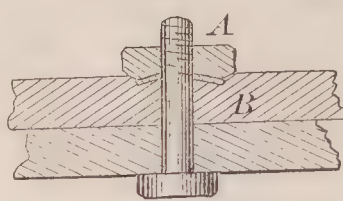
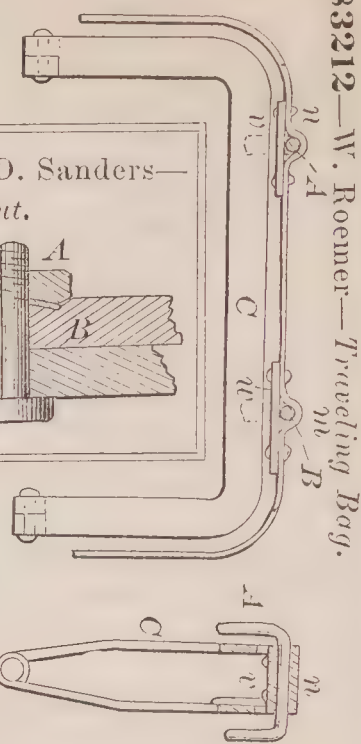
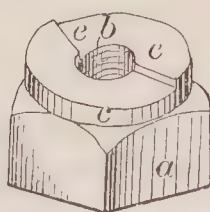
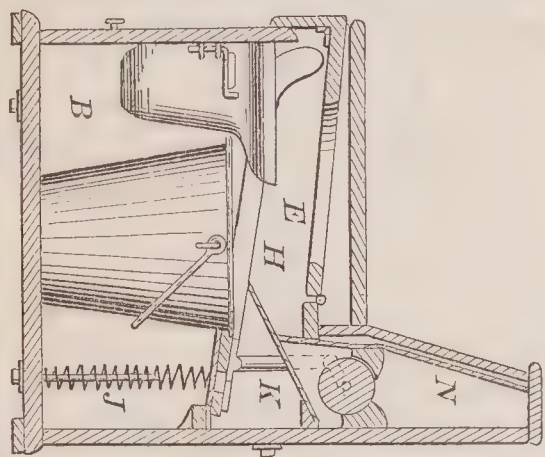
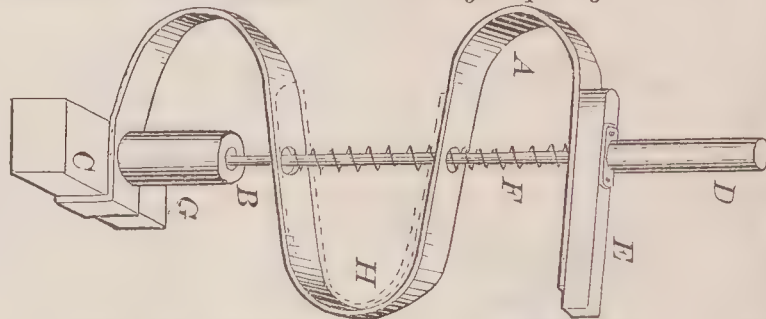
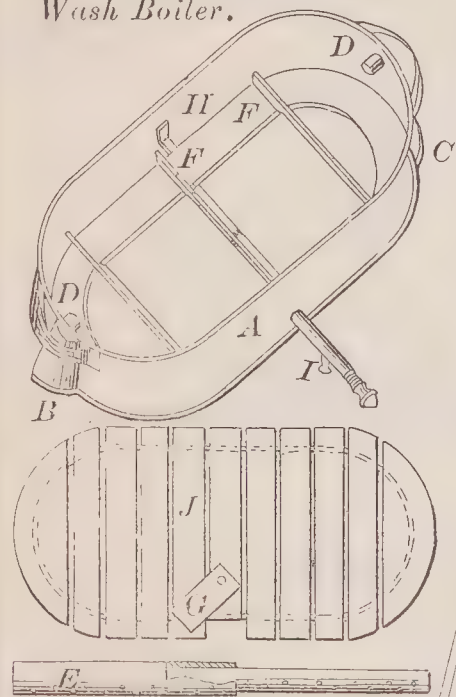
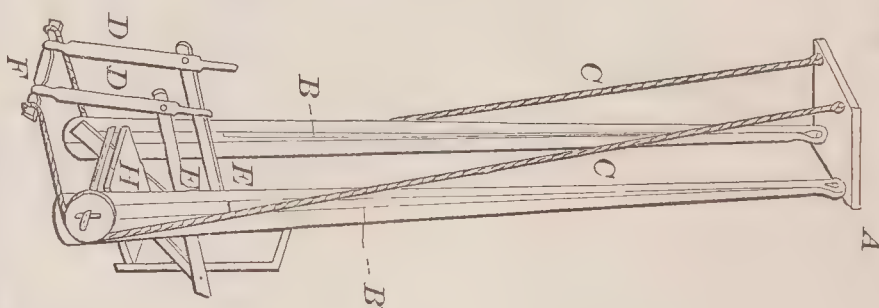
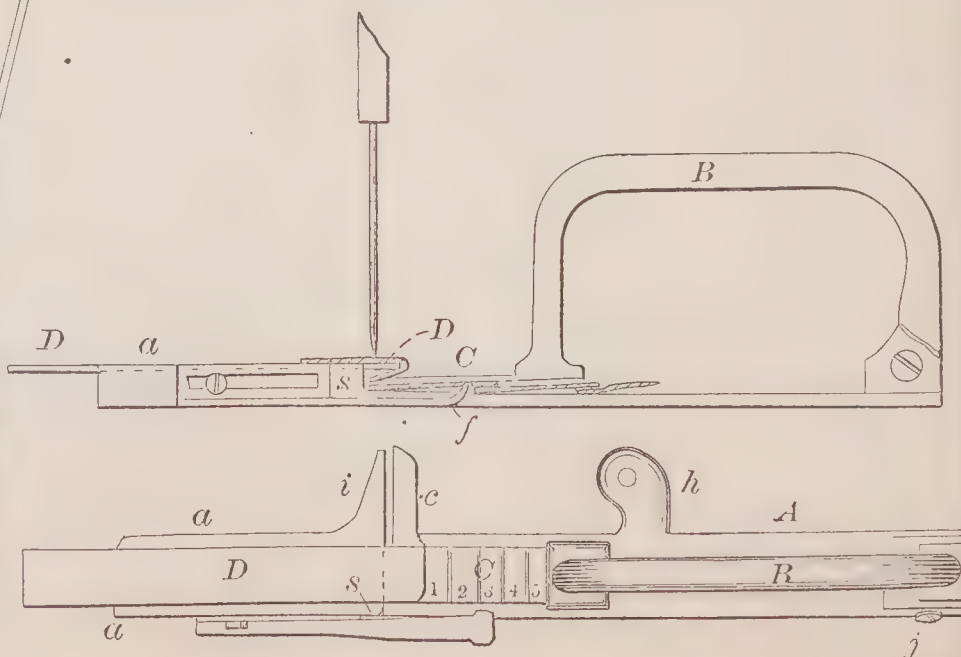
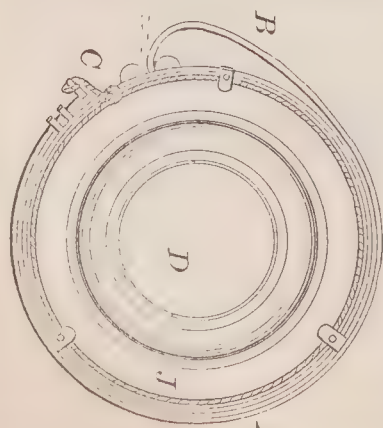
83211—E. Ripley—*Toy Pistol.*



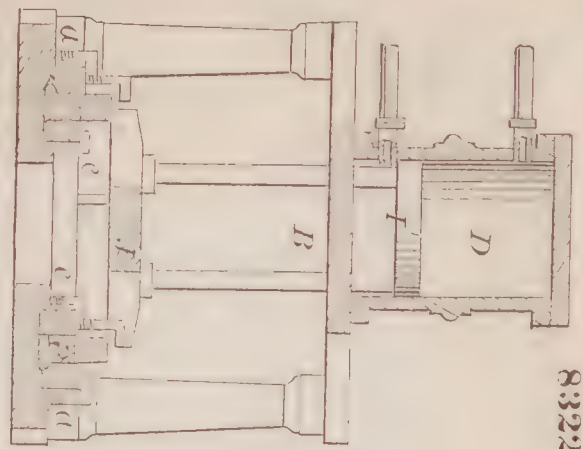
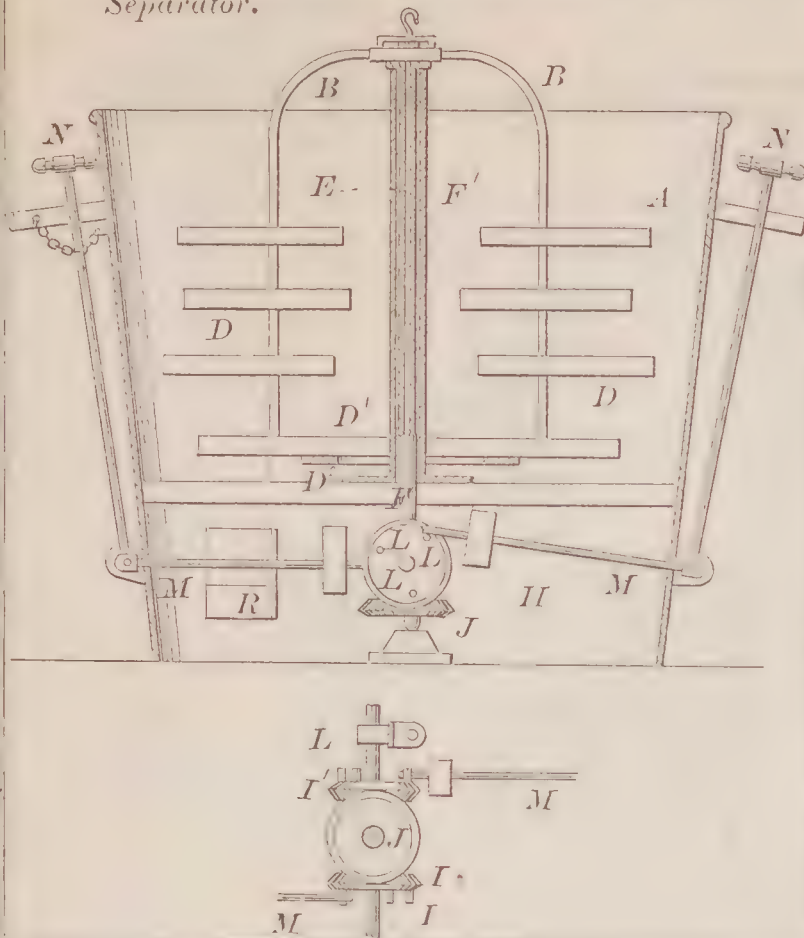
83209—C. L. Rehn—*For Making Metal Boxes.*



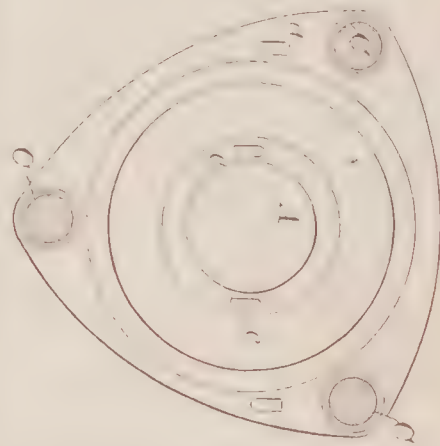


83210—D. C. Ripley—*Manufacture of Glass Ware.*83213—B. D. Sanders—*Nut.*83212—W. Roemer—*Traveling Bag.*83214—B. D. Sanders—*Nut.*83215—D. Schilling—*Water Closet.*83217—T. J. Shears—*Carriage Spring*83218—Shepler & Irwin—*Wash Boiler.*83216—B. F. Shaffer—*Swing.*83219—R. H. St. John—*Tucking Device.*83220—Stone & Chamberlin—*Bird Trap.*

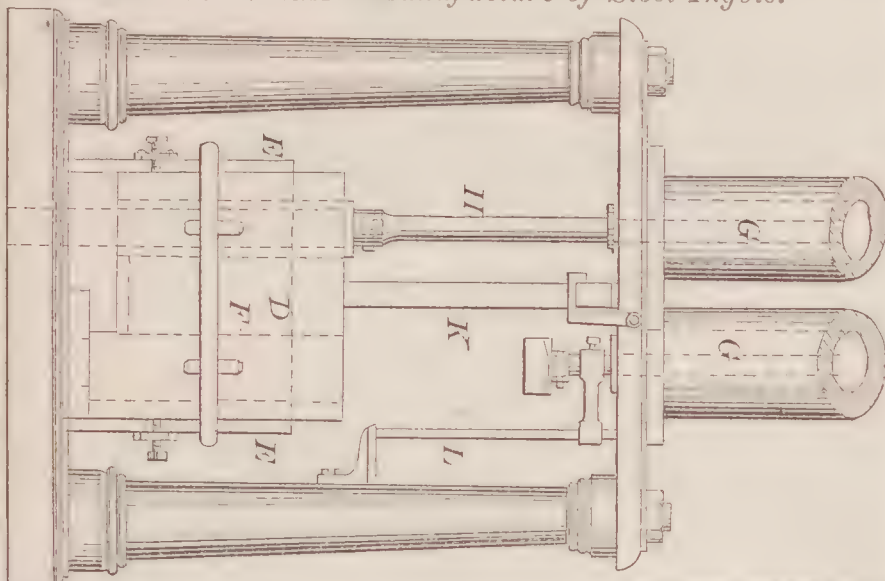
83221—Symons, Harry & Stephens—*Ore Separator.*



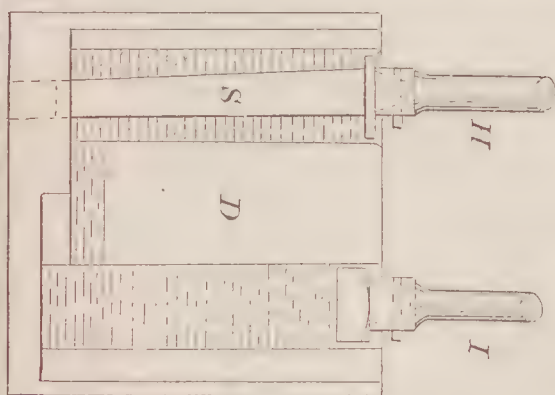
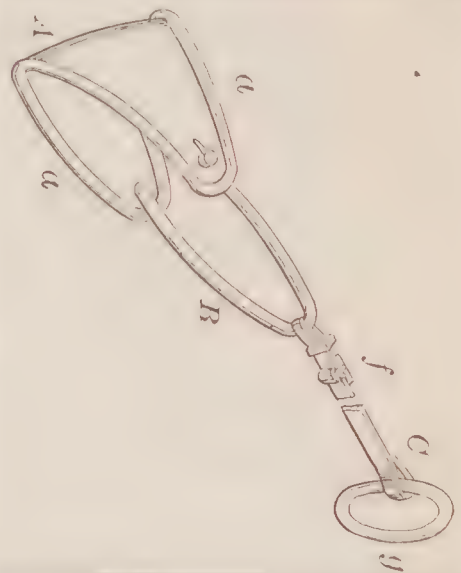
83223—J. B. Tarr—*Cast Steel Tire.*



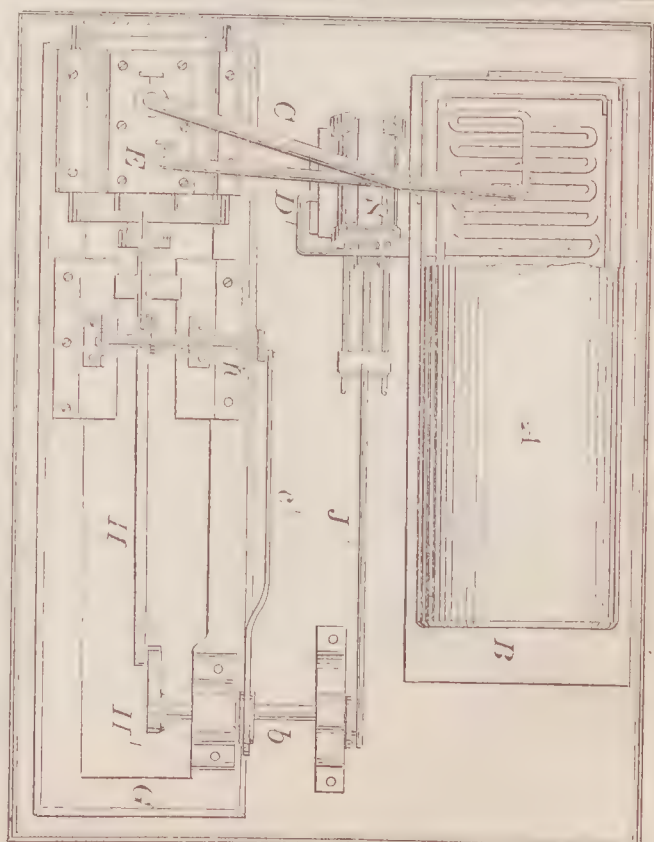
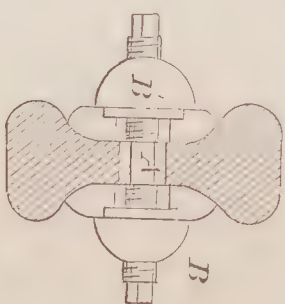
83222—J. B. Tarr—*Manufacture of Steel Ingots.*



83227—M. Warne—*Head Rest.*

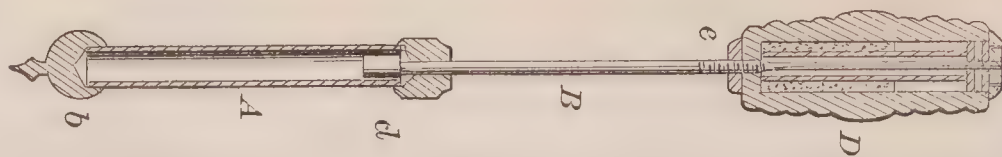
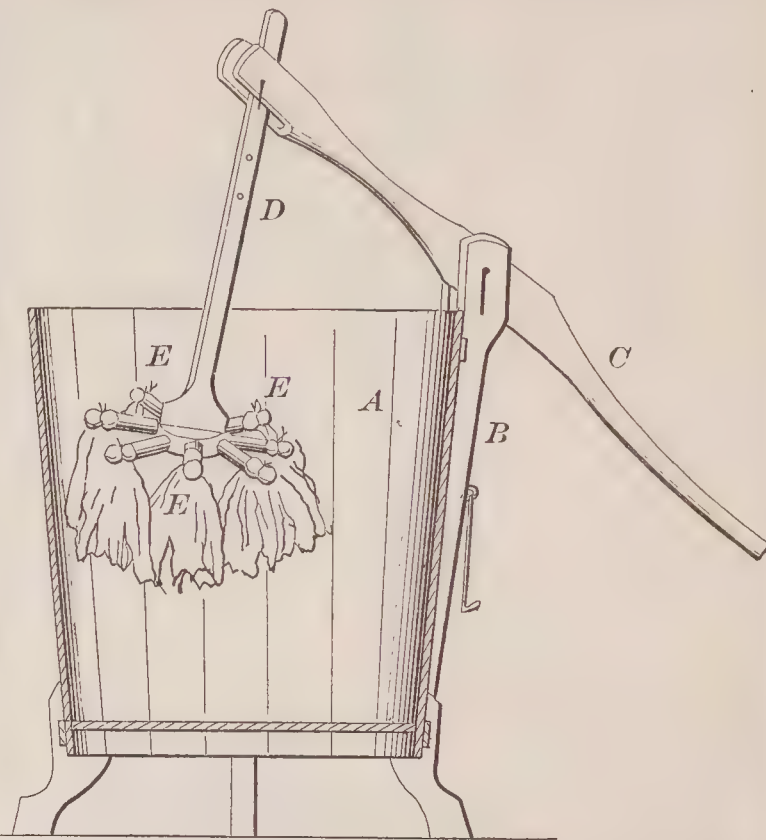
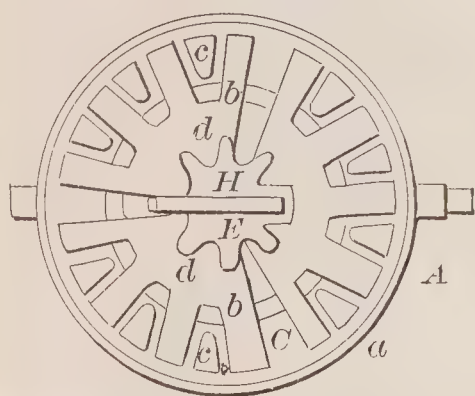
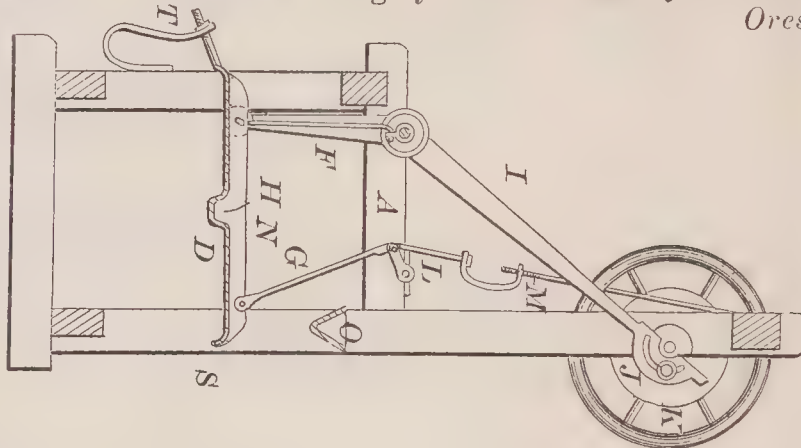
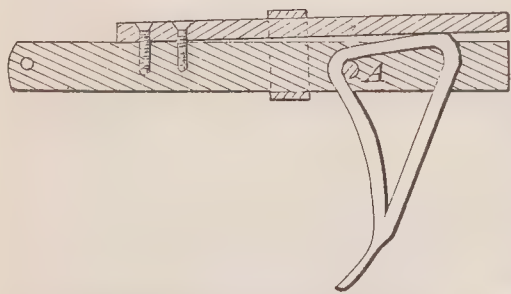
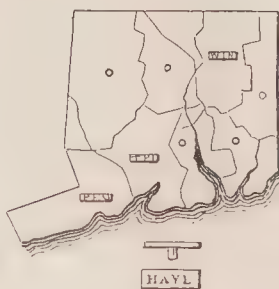
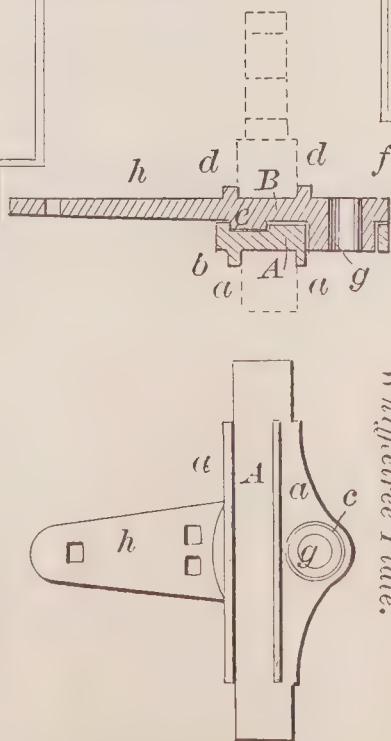
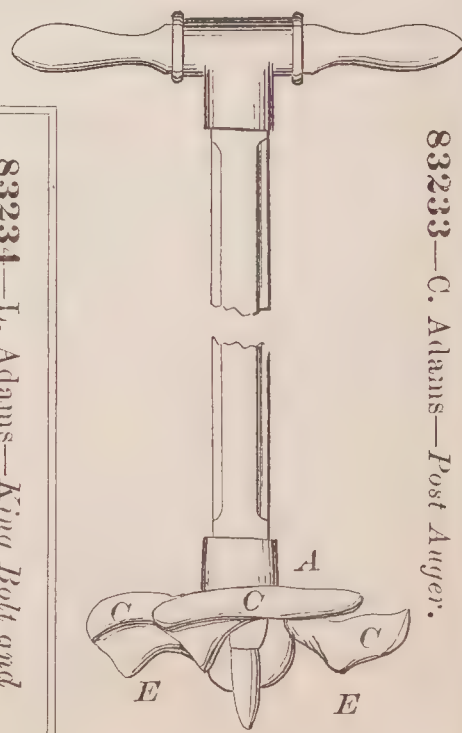


83225—F. Tudor—*Screw Bolt.*

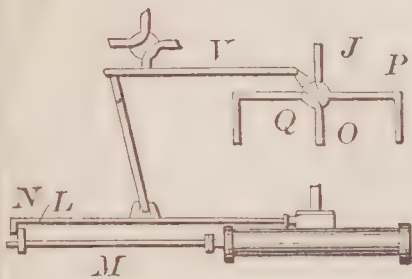
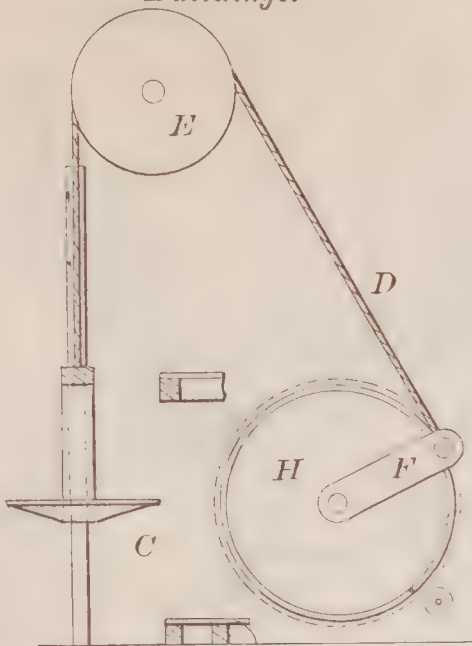


83224—J. B. Tarr—*Steam Engine.*

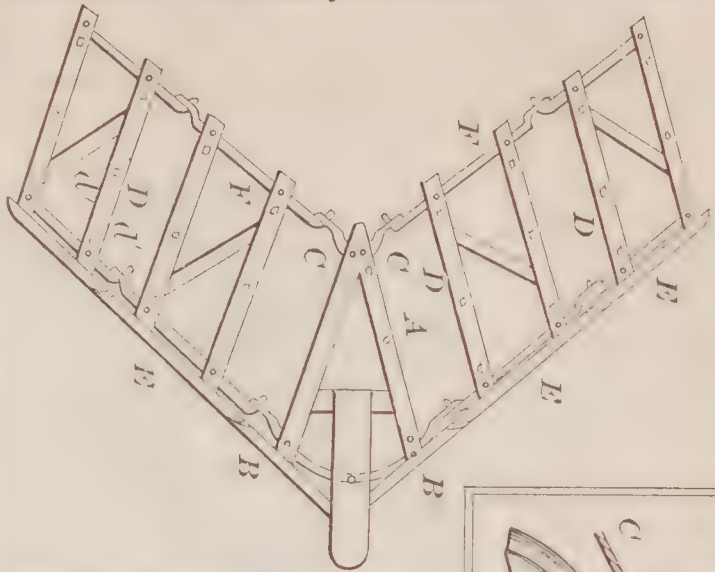


83228—M. Warne—*Policeman's Mace.*83230—G. R. Weber—*Washing Machine.*83229—M. Warne—*Sabot.*83232—G. D. Woodworth—*Stove Grate.*83231—Weston & Langtry—*Concentrator for Dressing Ores.*83235—C. Alvord—*Cultivator.*83236—E. F. Anderson—*Map.*83234—L. Adams—*King Bolt and Waffree Plate.*83233—C. Adams—*Post Auger.*

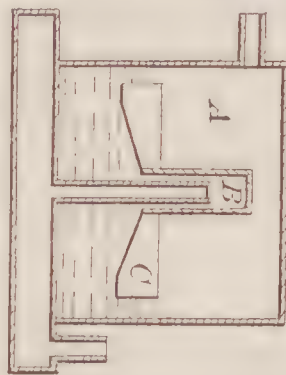
83237—J. S. Baldwin—*Elevator for Buildings.*



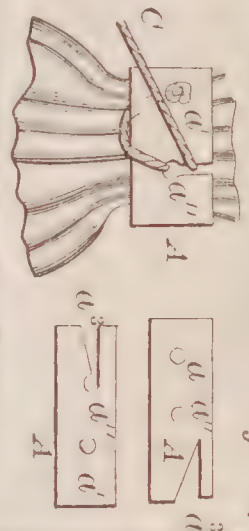
83238—W. H. Barry—*Harrow.*



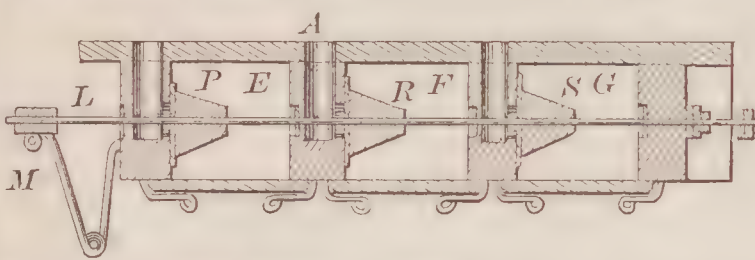
83230—J. A. Bassett—  
*Manufacture of  
Illuminating Gas.*



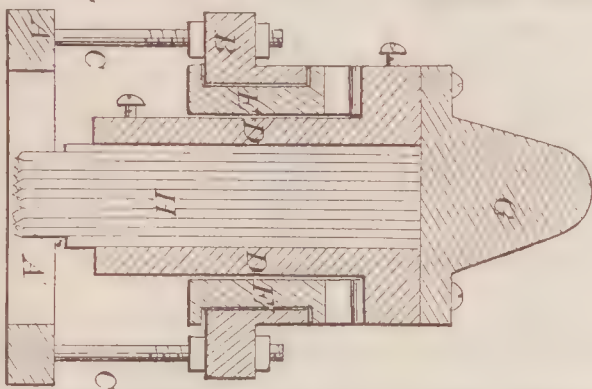
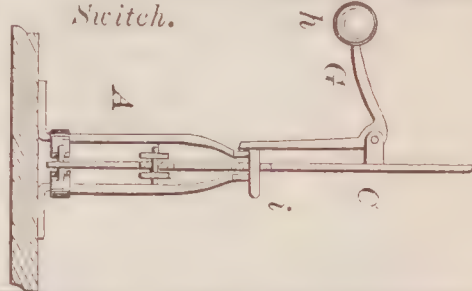
83240—J. W. Bates—*Bug Tie*.



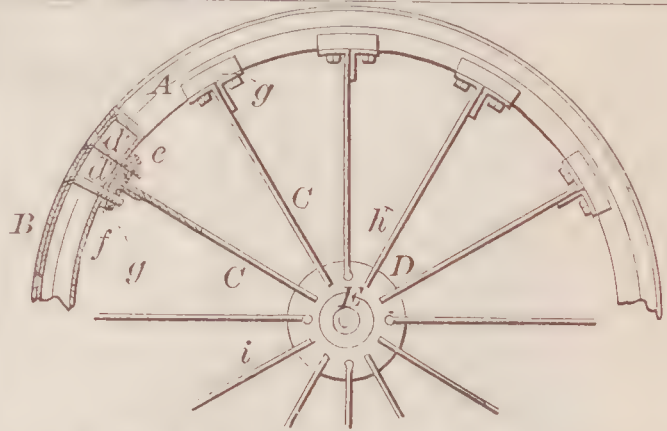
83241—M. Baumgarten, Jr.—*Organ Valve.*



83242—II. Beckwith—*Railway Switch.*

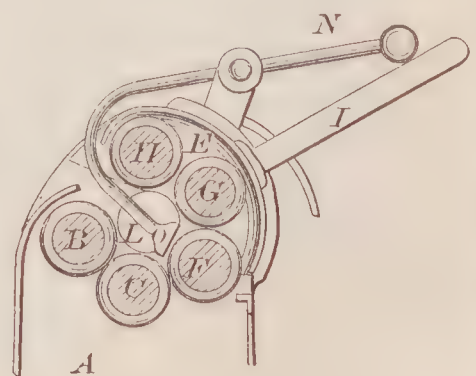
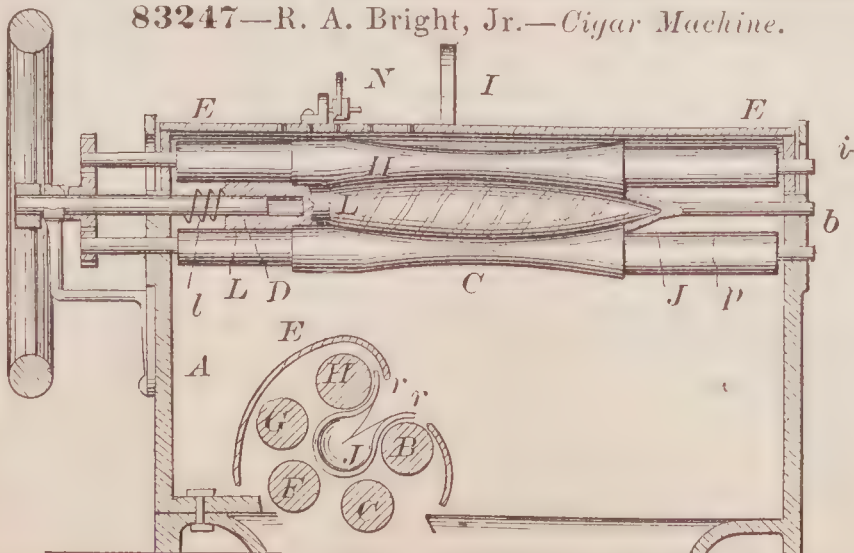


83243—W. Bold—*For Dressing Millstones.*

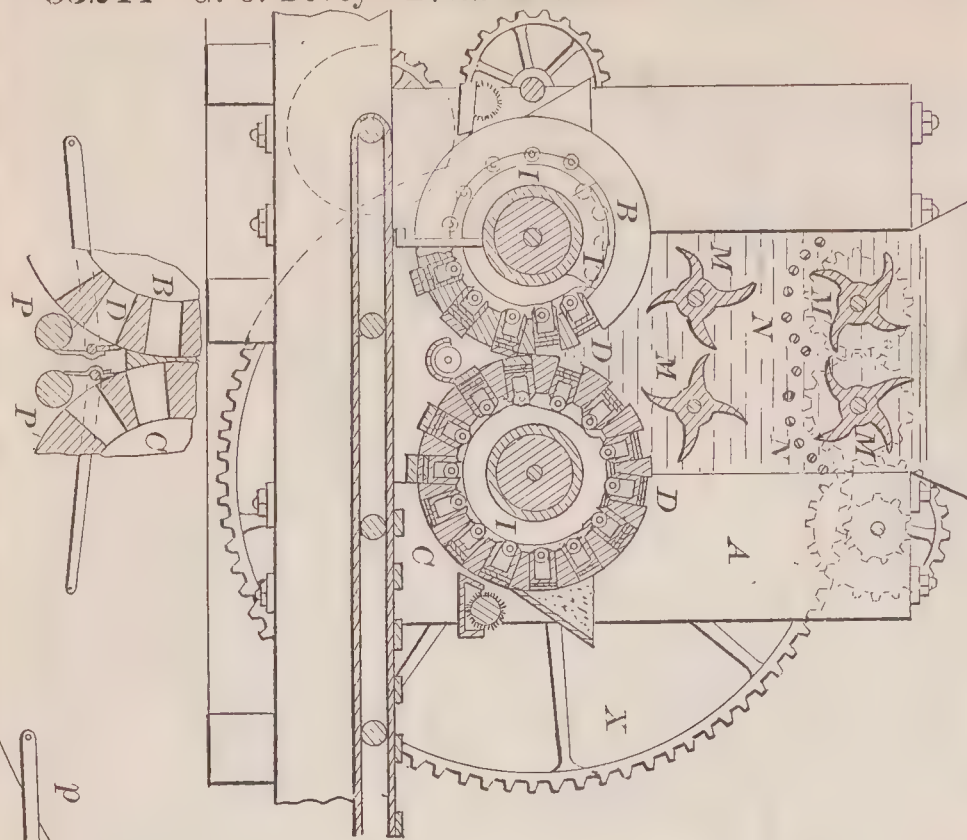
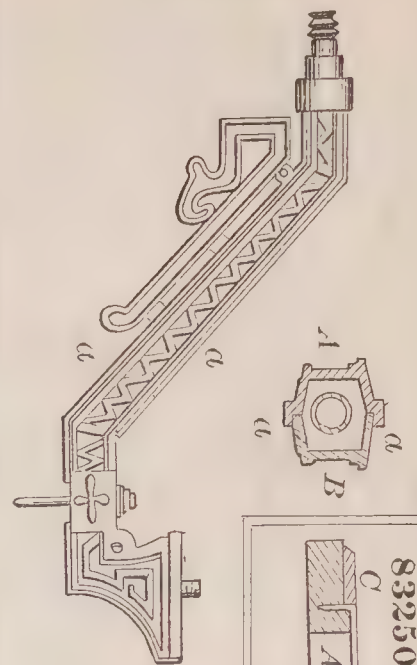
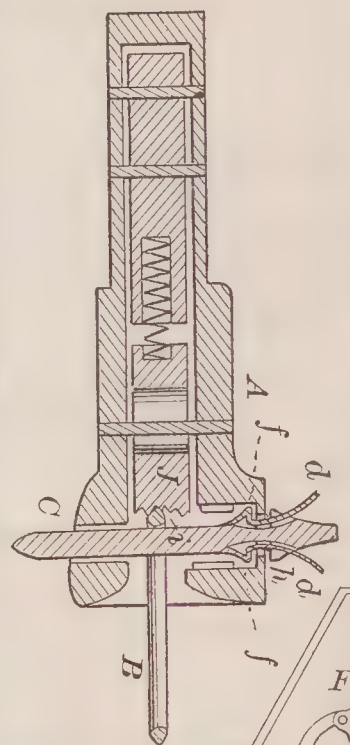
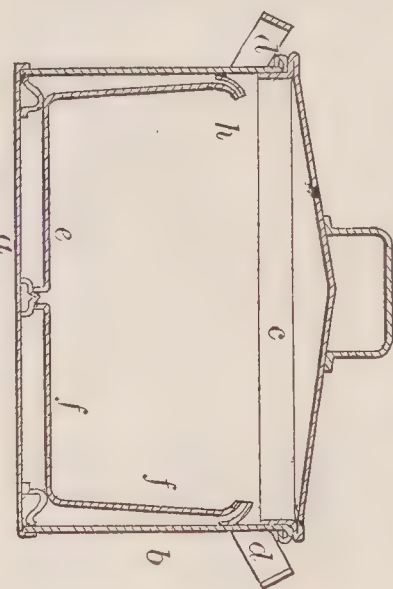
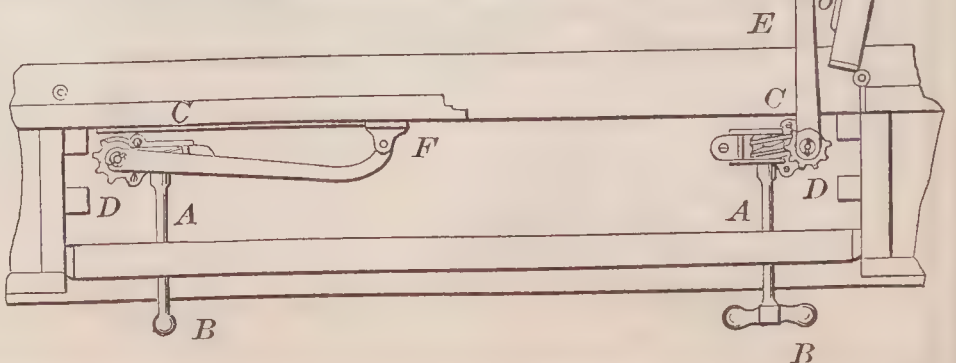
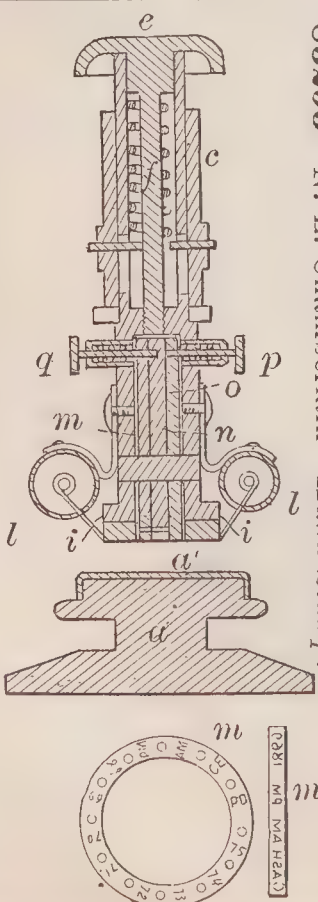


83245—R. J. Bowman—*Wheel.*

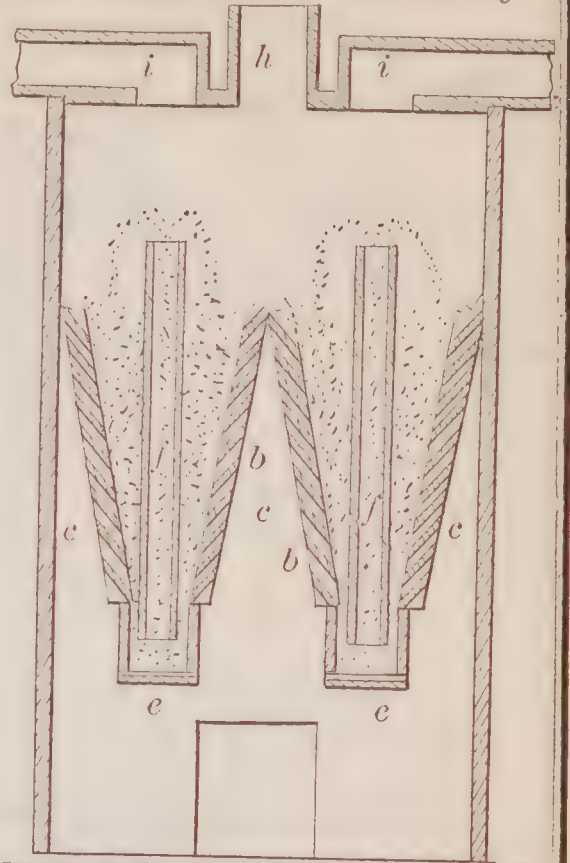
83247—R. A. Bright, Jr.—*Cigar Machine.*



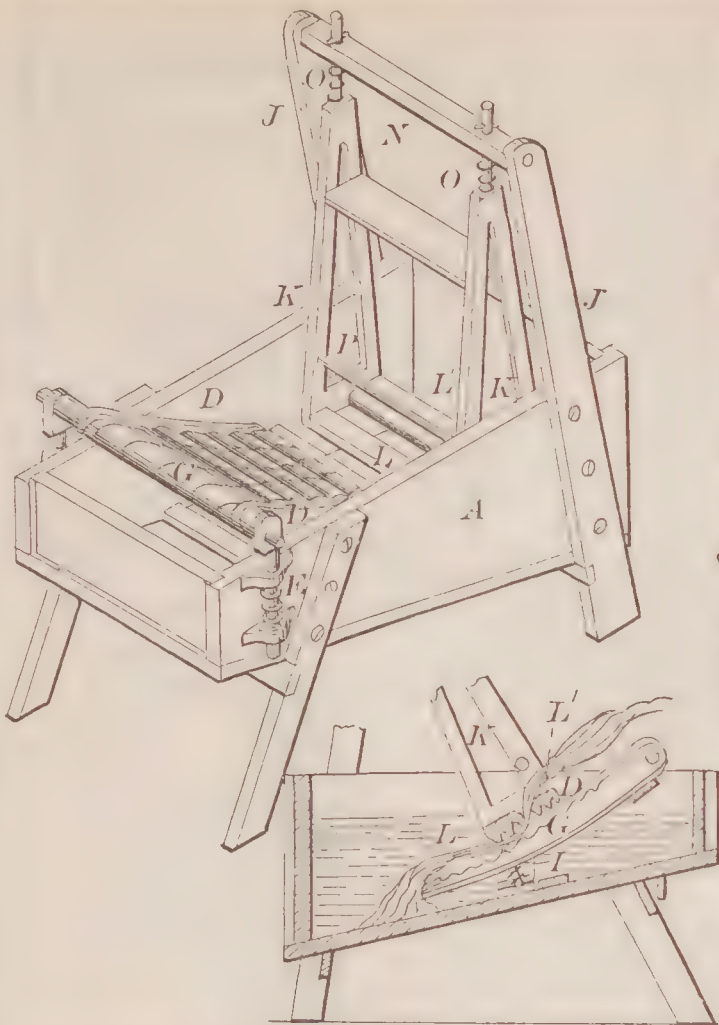


83244—G. C. Bovey—*Brick Machine.*83246—Bradley & Evarts—*Gas Fixture.*83250—H. Buchter—*Chair Seat.*83252—W. E. Bush—*Car Coupling.*83251—J. H. Butris—*Wash Boiler.*83248—W. E. Brooke—*Shutter and Blind Operator*83253—N. L. Chamberlain—*Hand Stamp.*

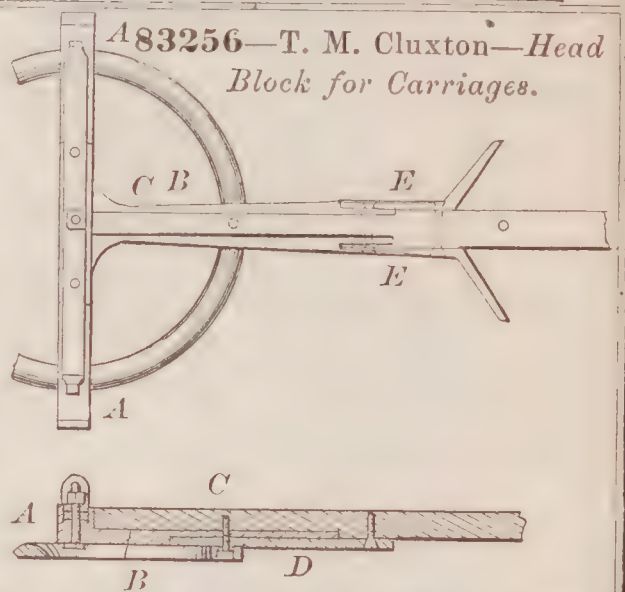
83255—L. S. Chichester—*Grain Dryer.*



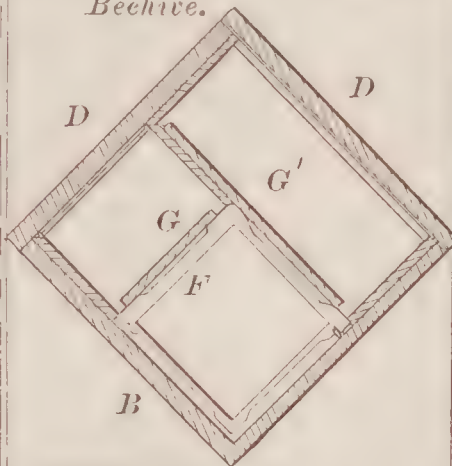
83254—C. F. Chambers—*Washing Machine.*



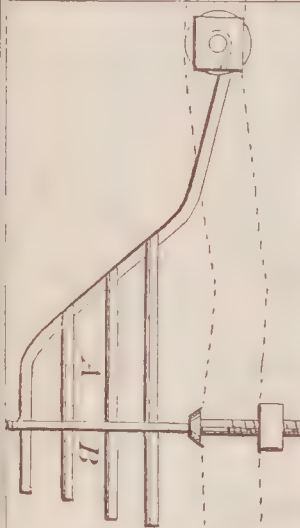
83256—T. M. Cluxton—*Head Block for Carriages.*



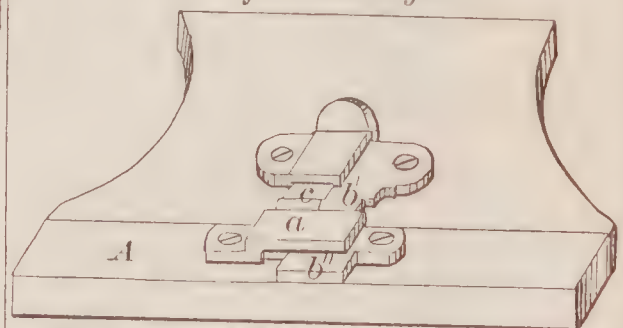
83257—A. V. Conklin—*Beehive.*



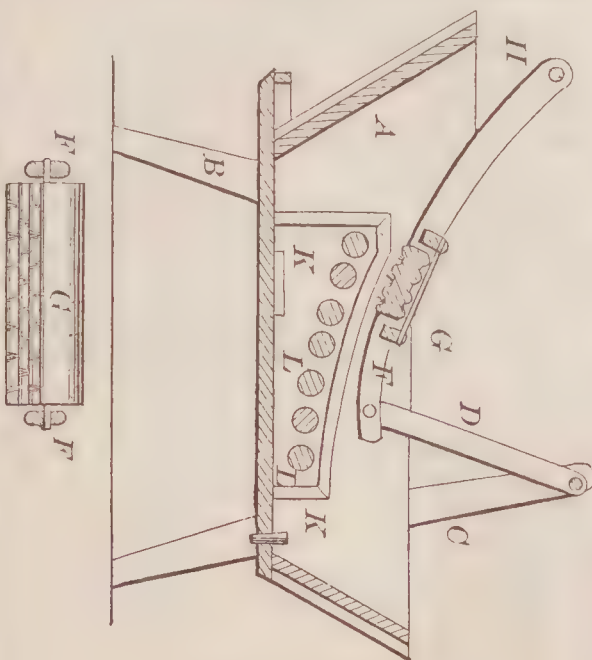
83259—W. Custer—*Cultivator.*



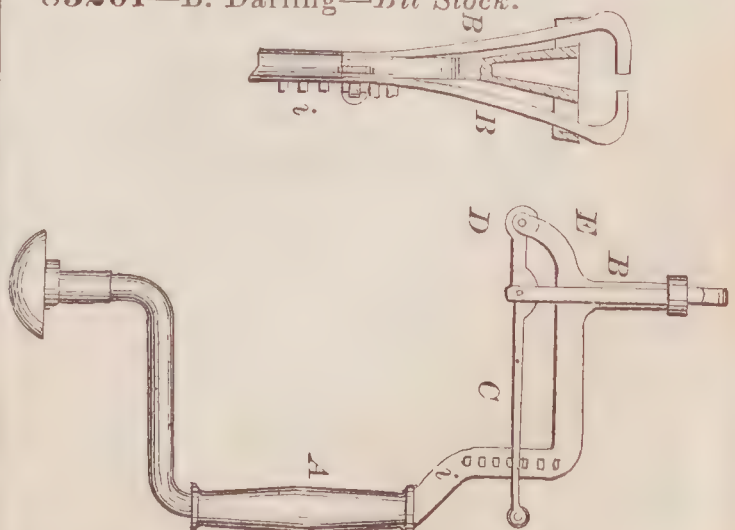
83258—W. Conway—*Seat Lock for Carriages.*



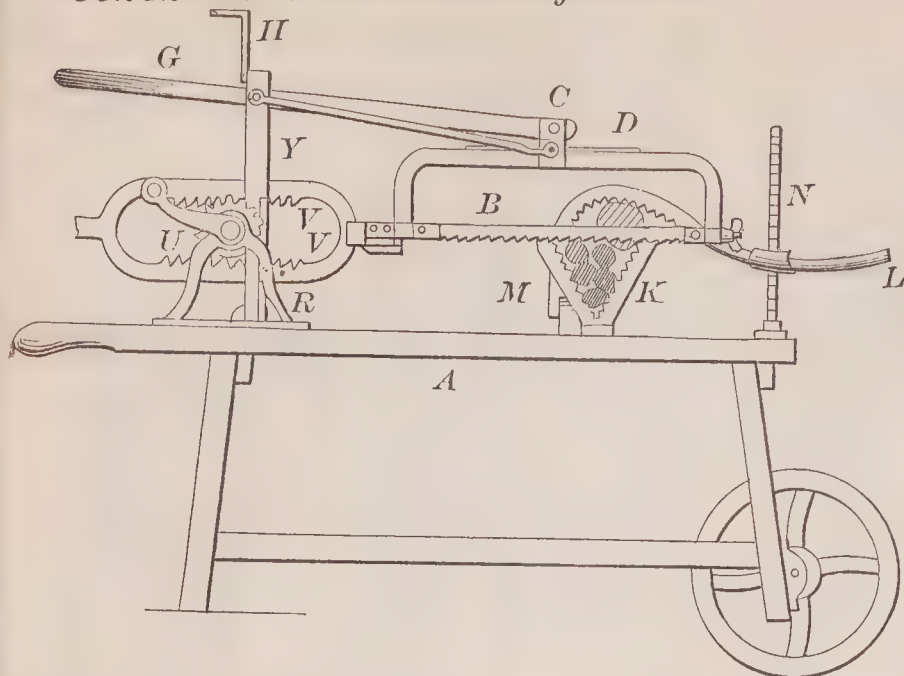
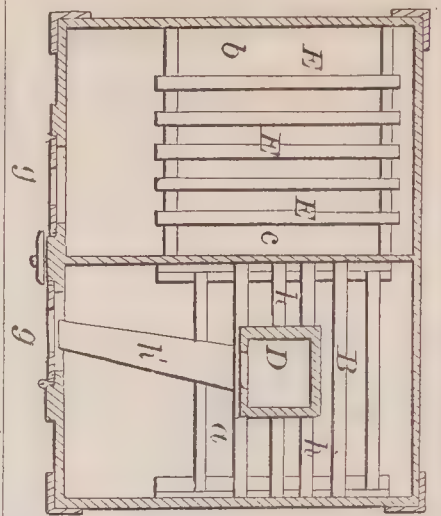
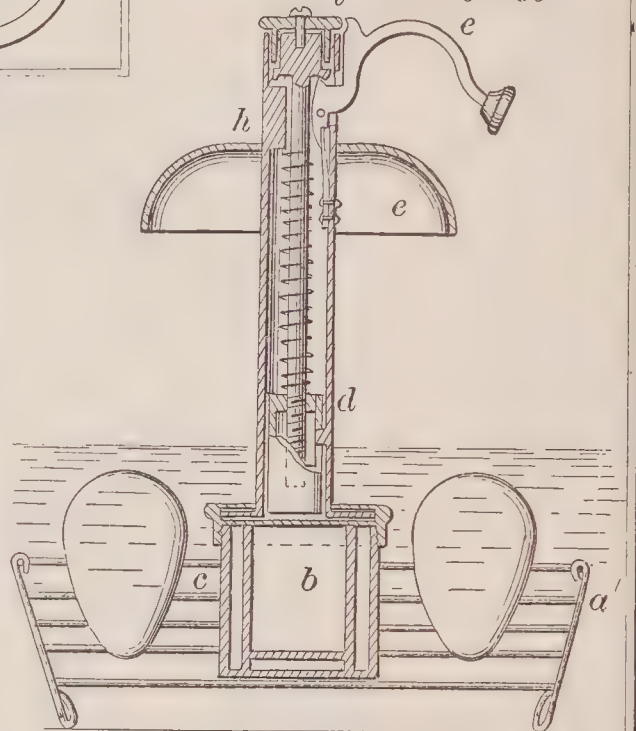
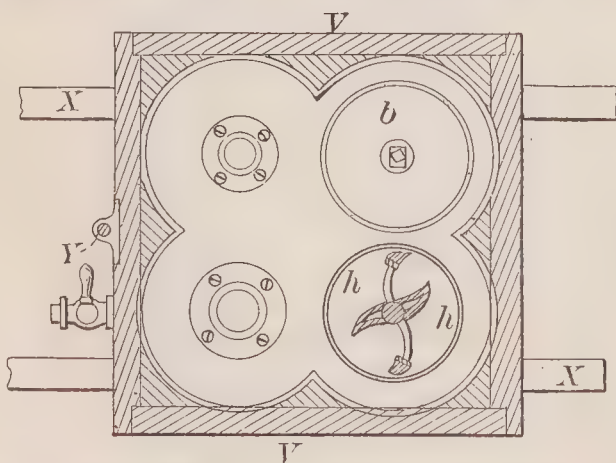
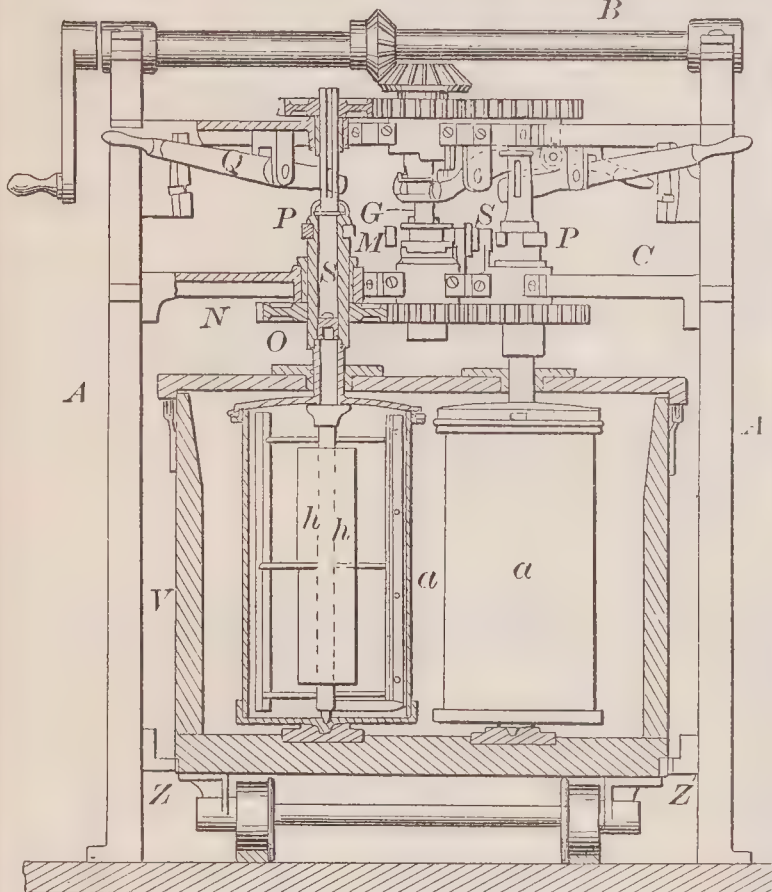
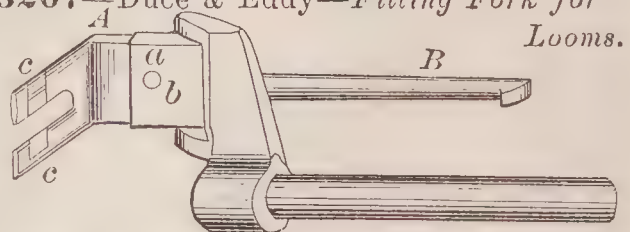
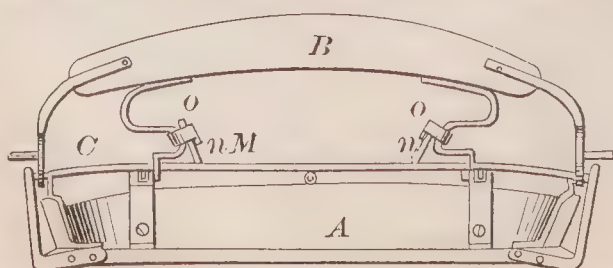
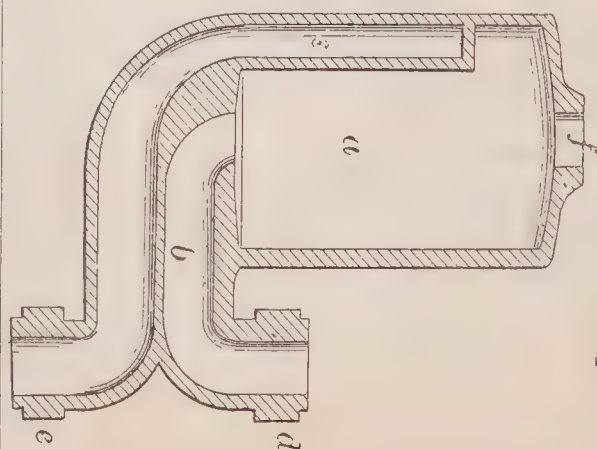
83260—G. A. Dahney—*Washing Machine.*



83261—B. Darling—*Bit Stock.*

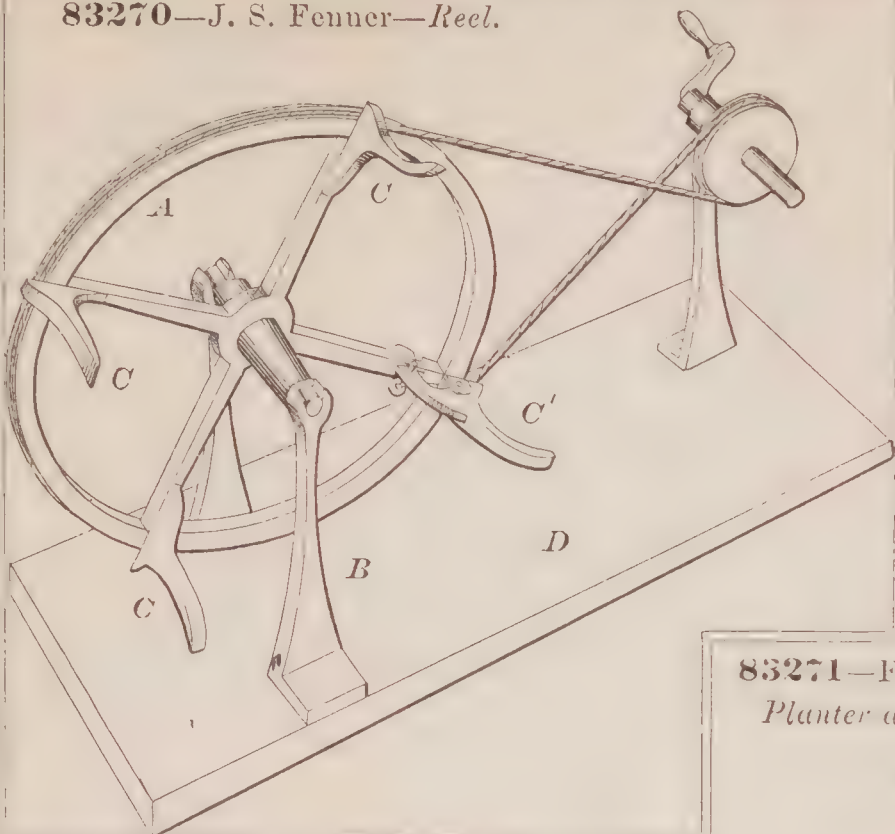




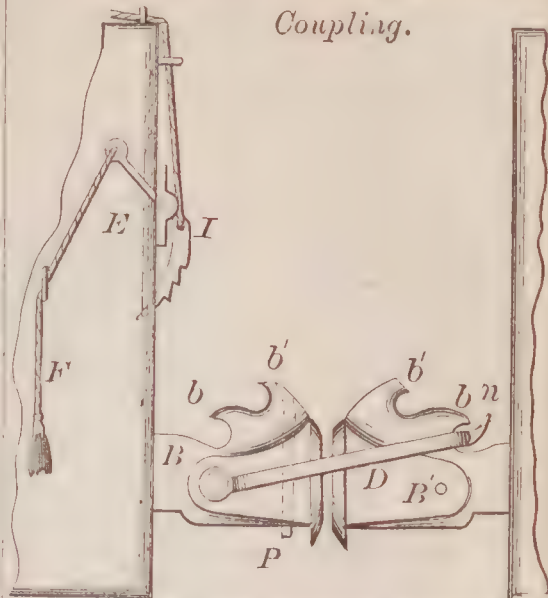
83262—R. B. De Bare—*Sawing Machine.*83263—C. Decker—*Bee House.*83264—I. Dimock—*For Boiling Eggs.*83265—J. Dooling—*Ice Cream Freezer.*83266—J. H. Douglass—*Sash Fastener.*83267—Duce & Eddy—*Filling Fork for Looms.*83269—D. S. Early—*Buggy Top Fastening.*83268—Dutton & Maguire—*Water Charger for Pumps.*



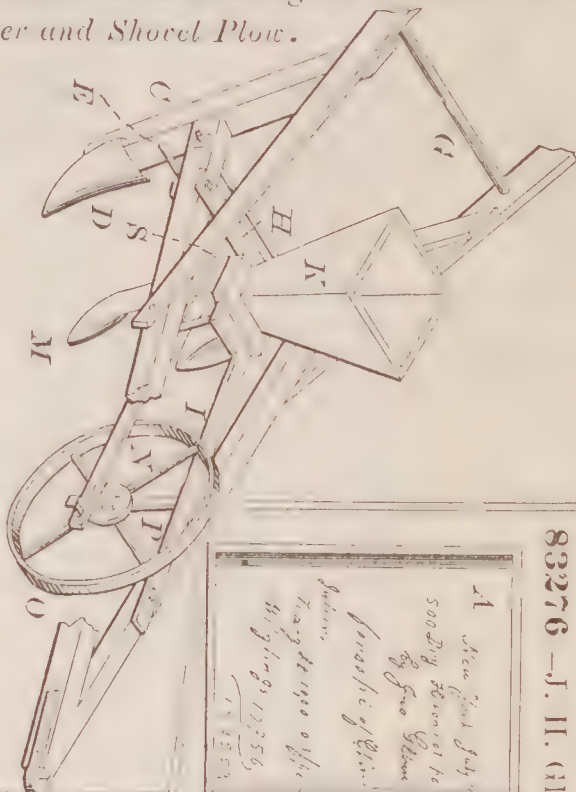
83270—J. S. Fenner—*Reel.*



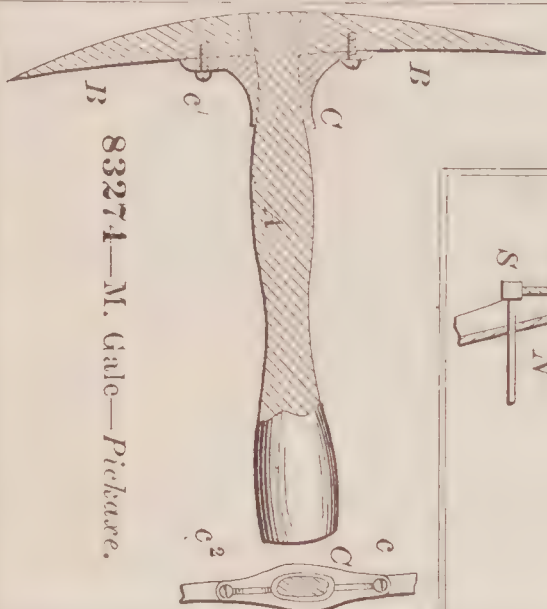
83272—J. P. Freeman—*Car Coupling.*



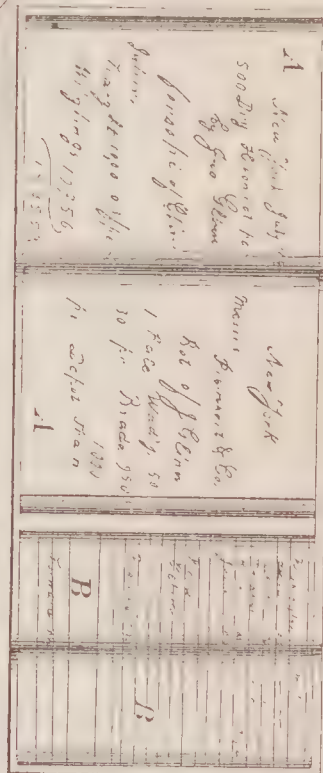
83271—Franklin, Hastings & Holford—*Corn Planter and Shovel Plow.*



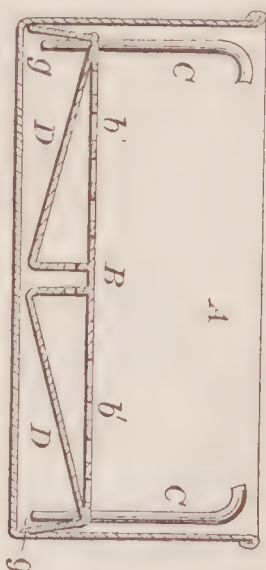
83274—M. Gale—*Pickaxe.*



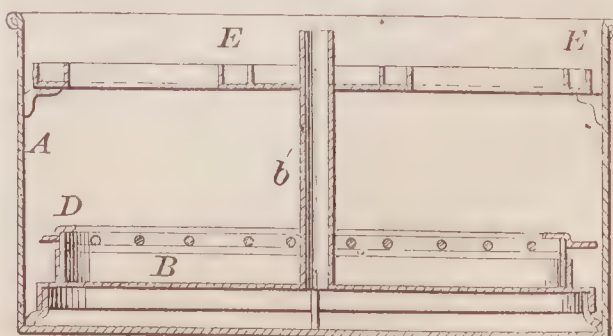
83276—J. H. Klein—*Binding Mercantile Books.*



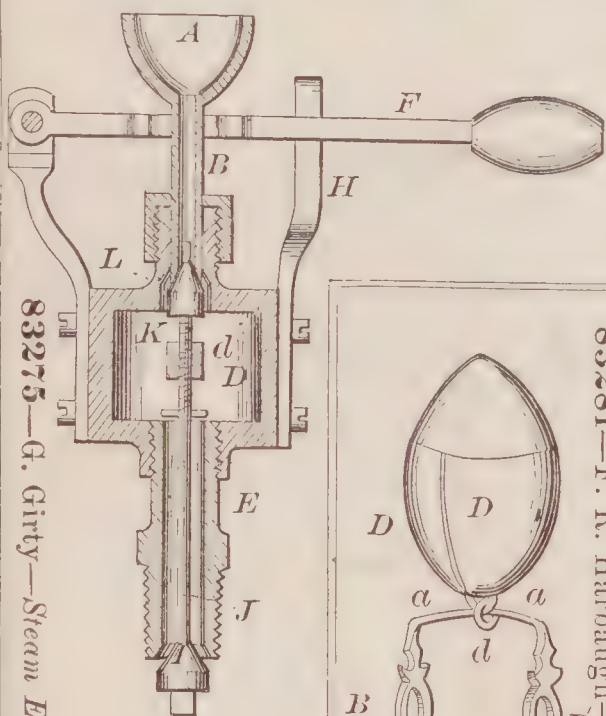
83278—S. A. Goodwin—*Wash Boiler.*



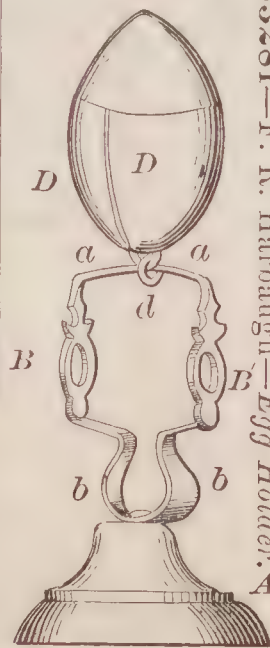
83277—S. A. Goodwin—*Wash Boiler.*



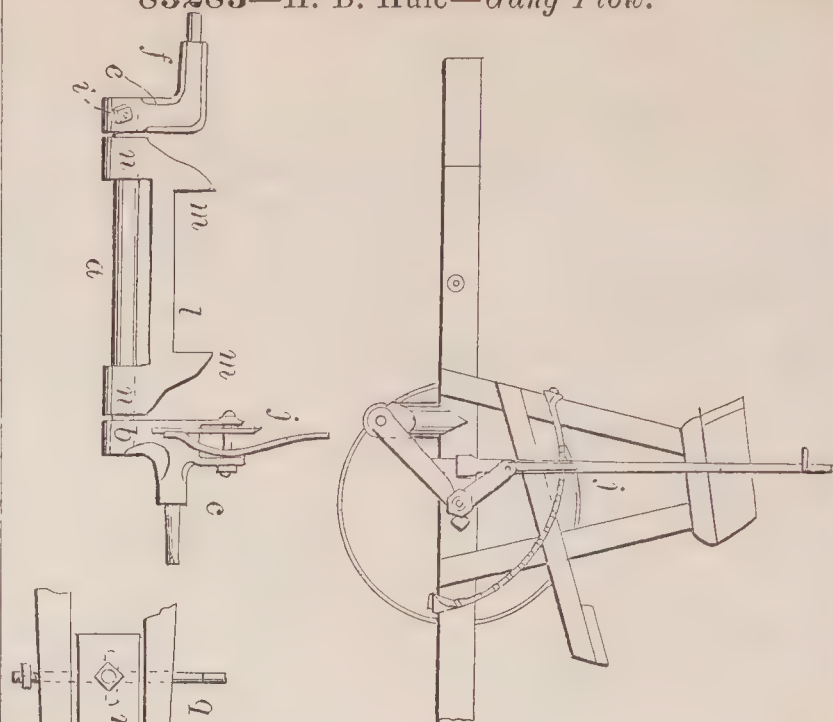
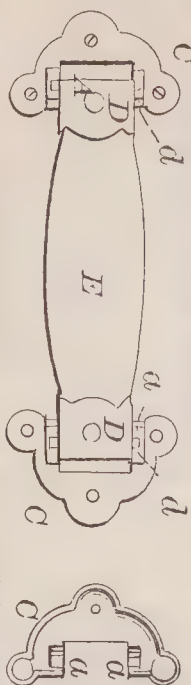
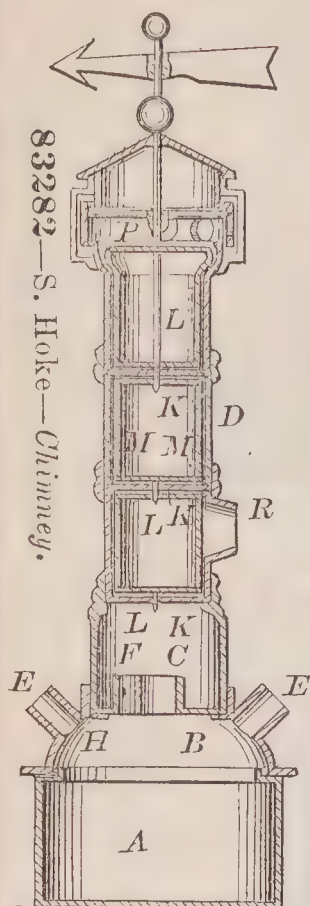
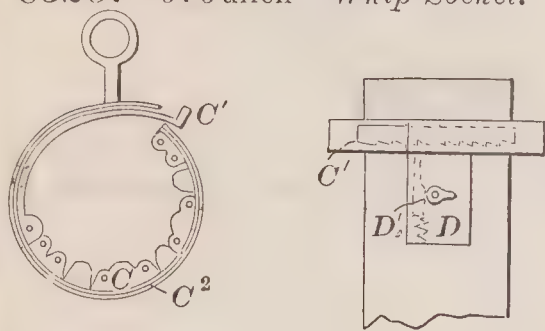
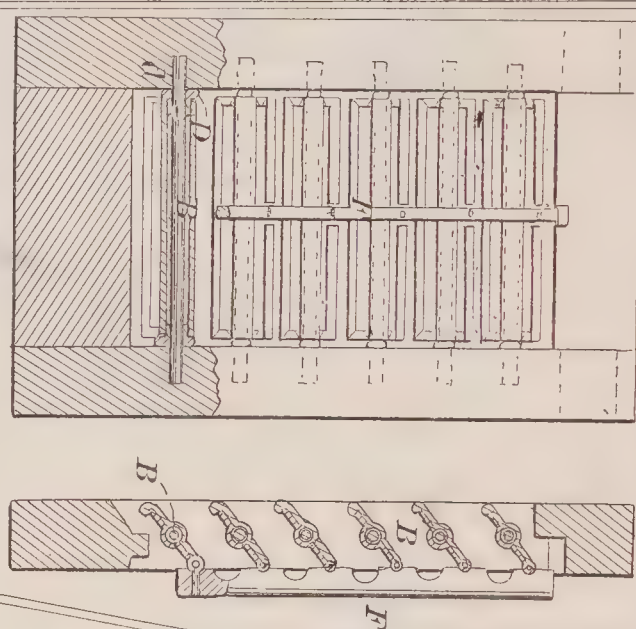
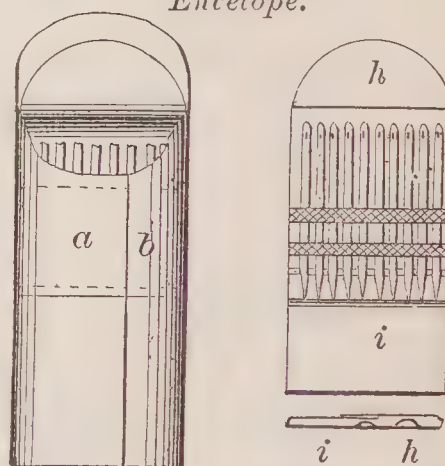
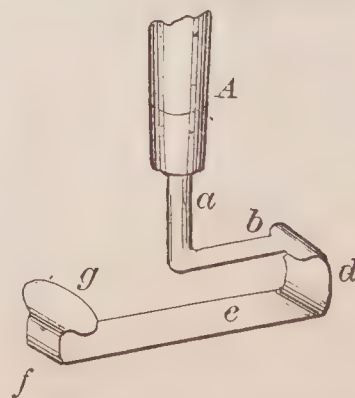
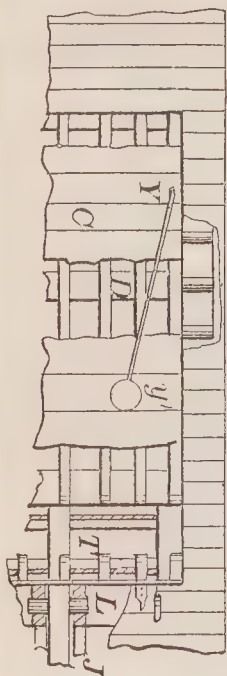
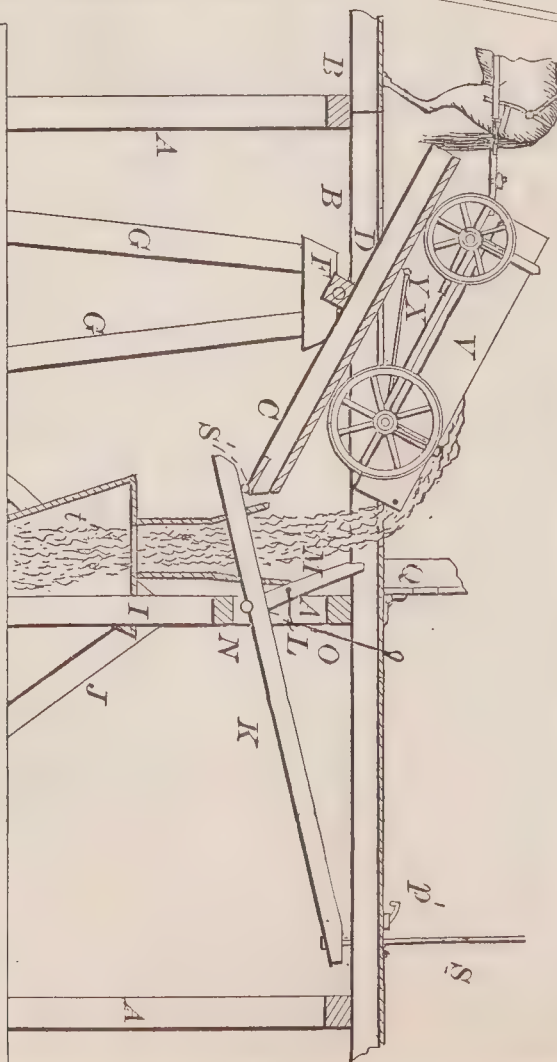
83275—G. Girty—*Steam Engine Lubricator.*



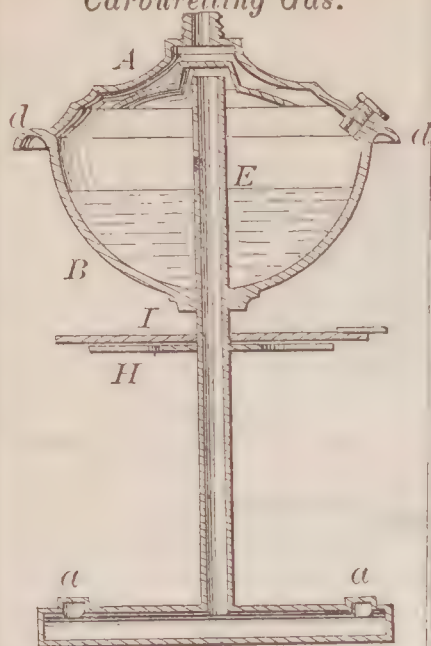
83281—F. R. Harbaugh—*Egg Holder.*



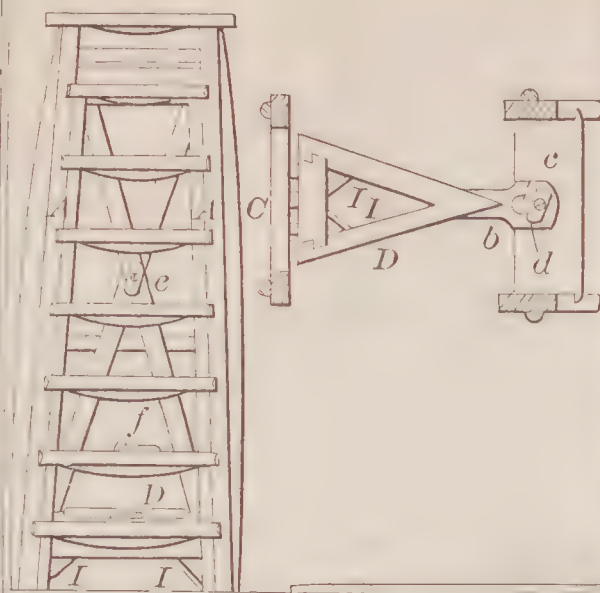


83283—H. B. Huic—*Gang Plow.*83285—G. B. Jenkinson—*Trunk Handle.*83282—S. Hoke—*Chimney.*83287—J. Julien—*Whip Socket.*83286—W. Johnston—*Window Blind.*83284—A. James—*Needle Envelope.*83290—L. King—*Hoe.*83288—S. C. Kenaga—*Dumping Platform.*

83289—J. Kidd—For  
Carburetted Gas.



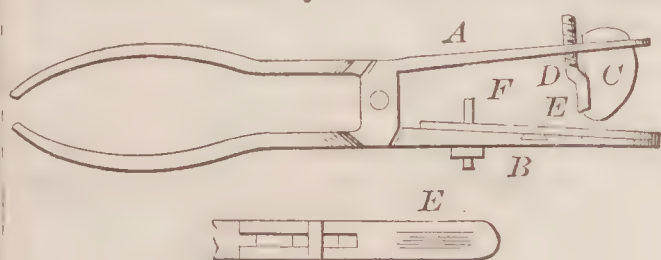
83291—M. C. Longacre—Step  
Ladder.



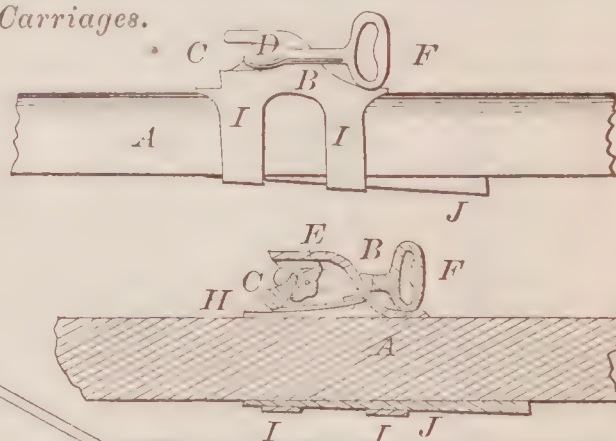
83292—S. L. Loomis—Nash Holder.



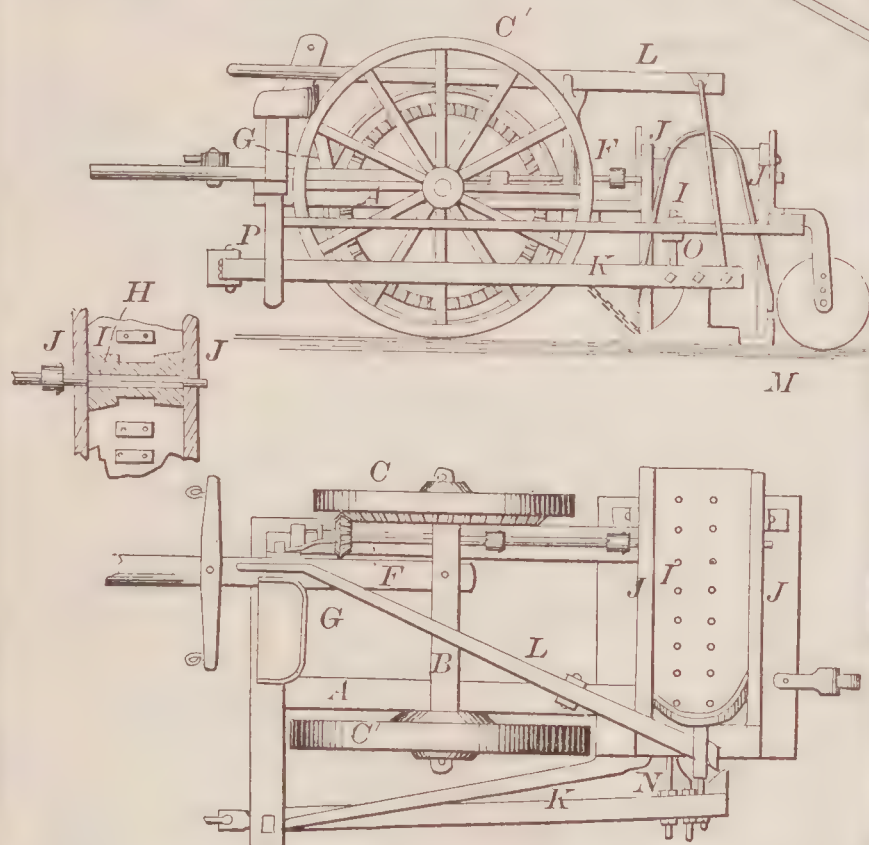
83293—A. J. Lytle—Button Hole Cutter.



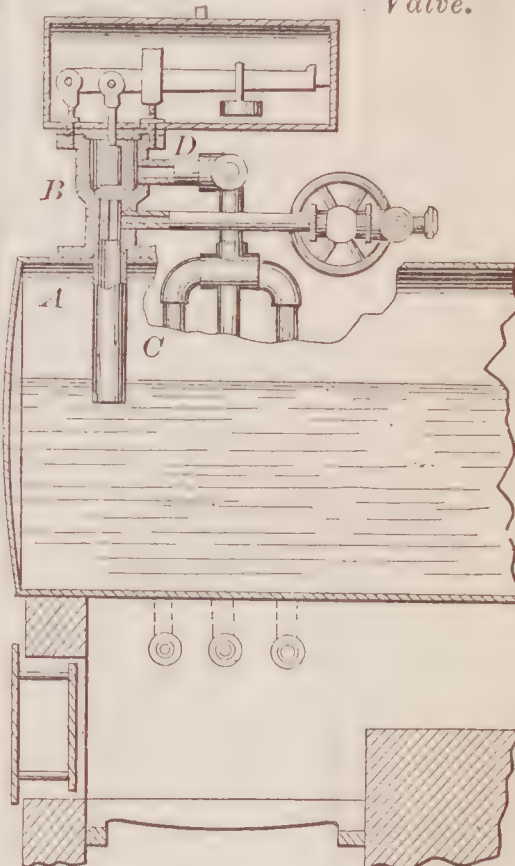
83294—J. A. Mackinnon—Hold Back for  
Carriages.



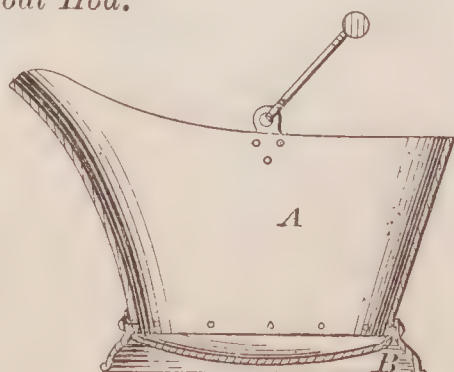
83296—J. Marsh—Ditching Machine.



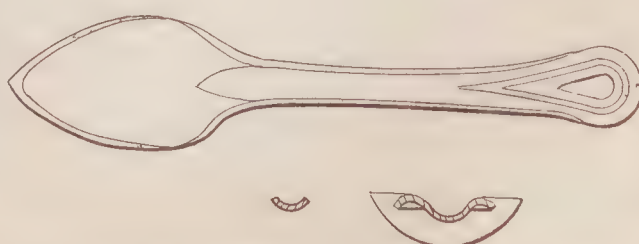
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Valve.



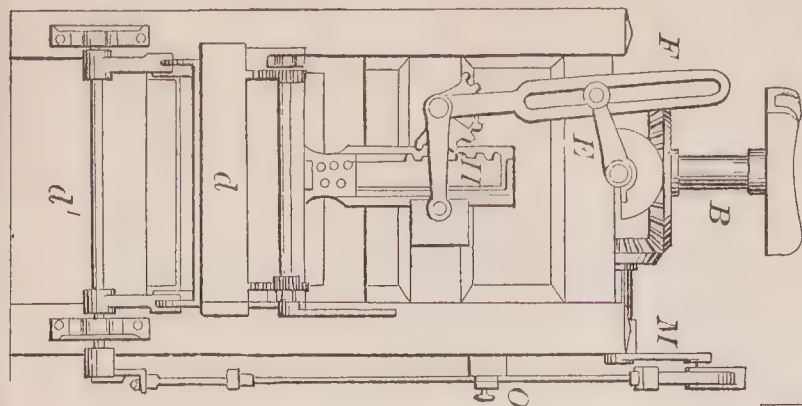
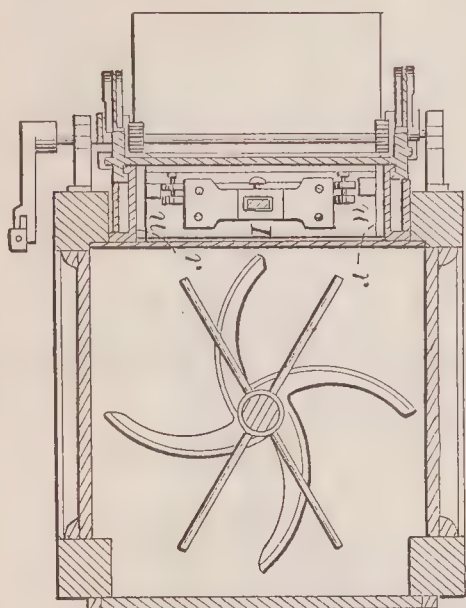
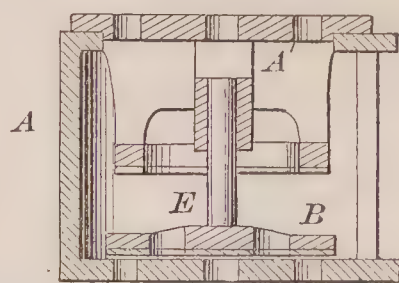
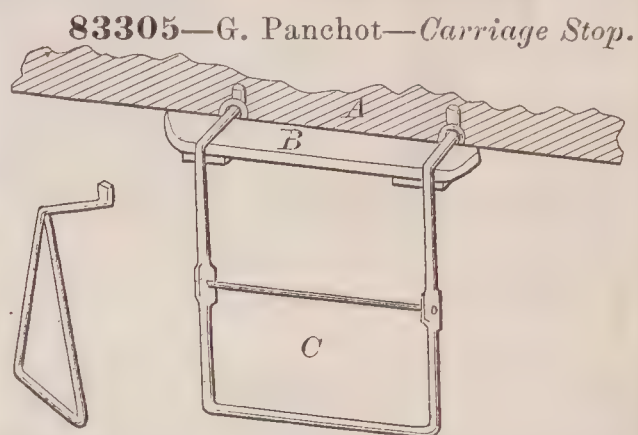
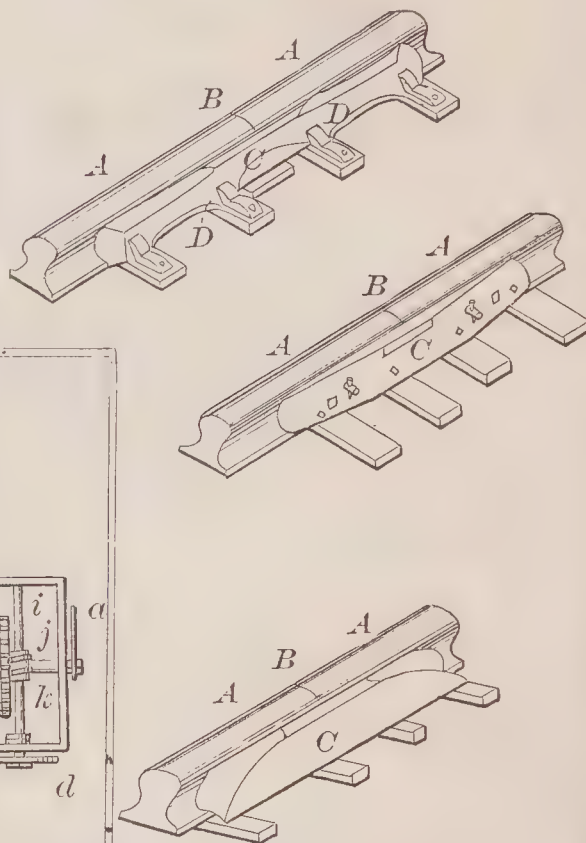
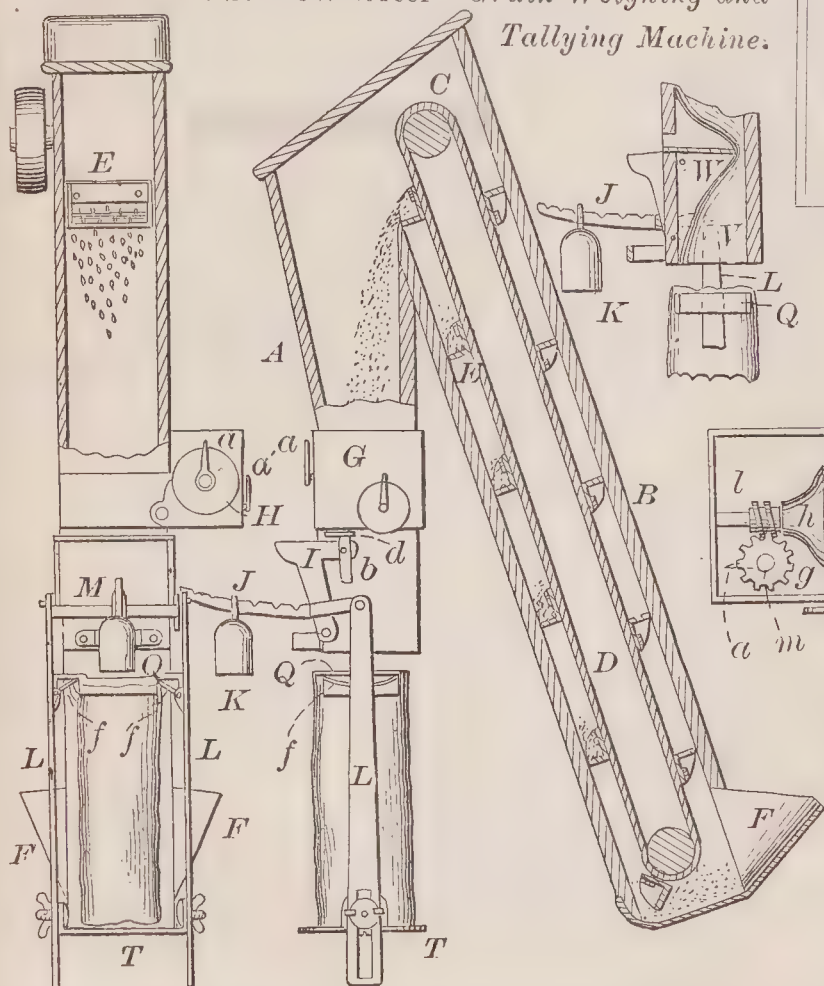
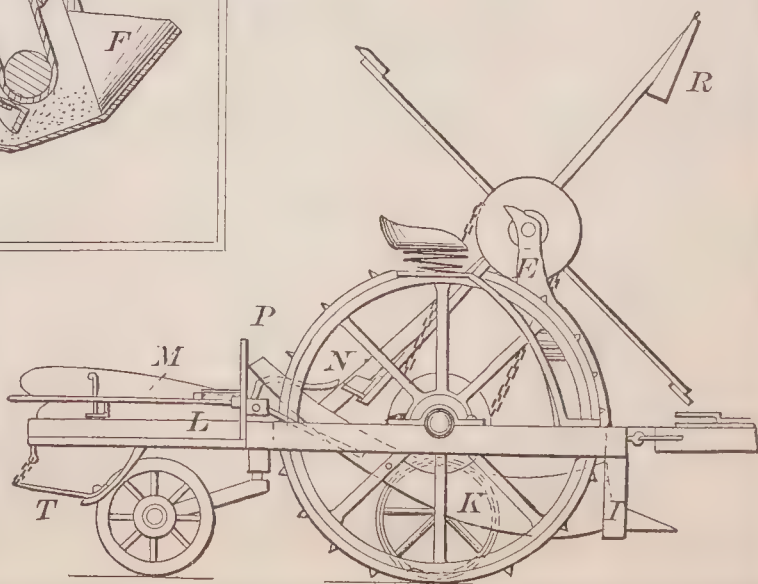
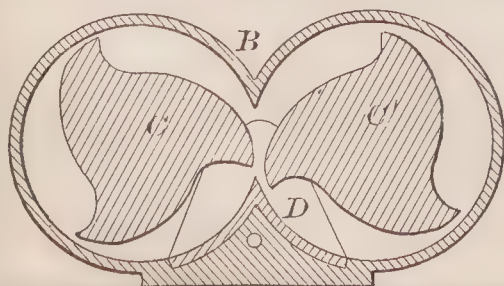
83301—F. G. & W. F. Niedringhaus—  
Coal Hod.



83300—F. G. Niedringhaus—Spoon.

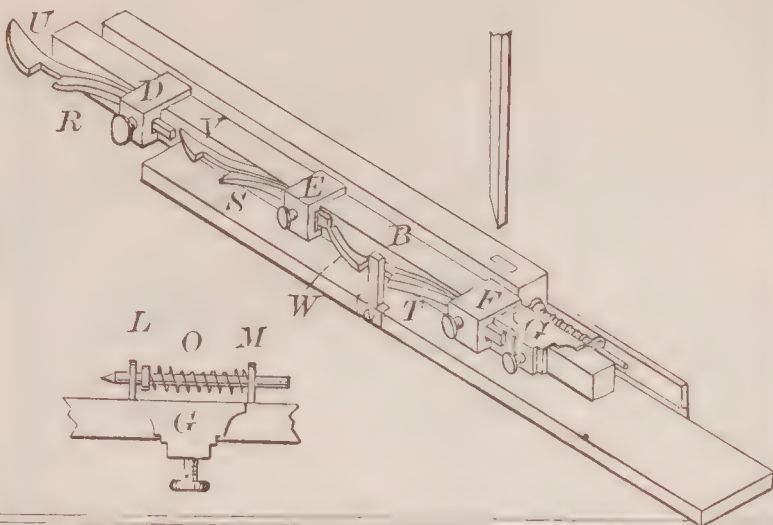




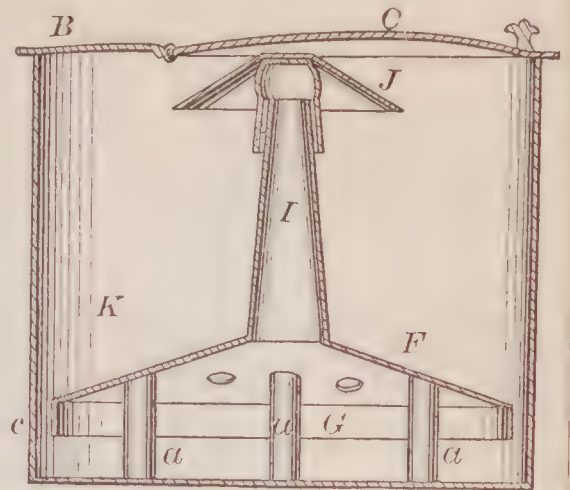
83302—J. A. Nichols—*Pump Valve.*83297—H. Martin—*Brick Machine.*83305—G. Panchot—*Carriage Stop.*83303—G. Palmer—*Railway Rail Joint.*83298—F. S. McWhorter—*Grain Weighing and Tallying Machine.*83304—I. H. Palmer—*Harvester.*83308—J. G. Perry—*Meat Cutter.*



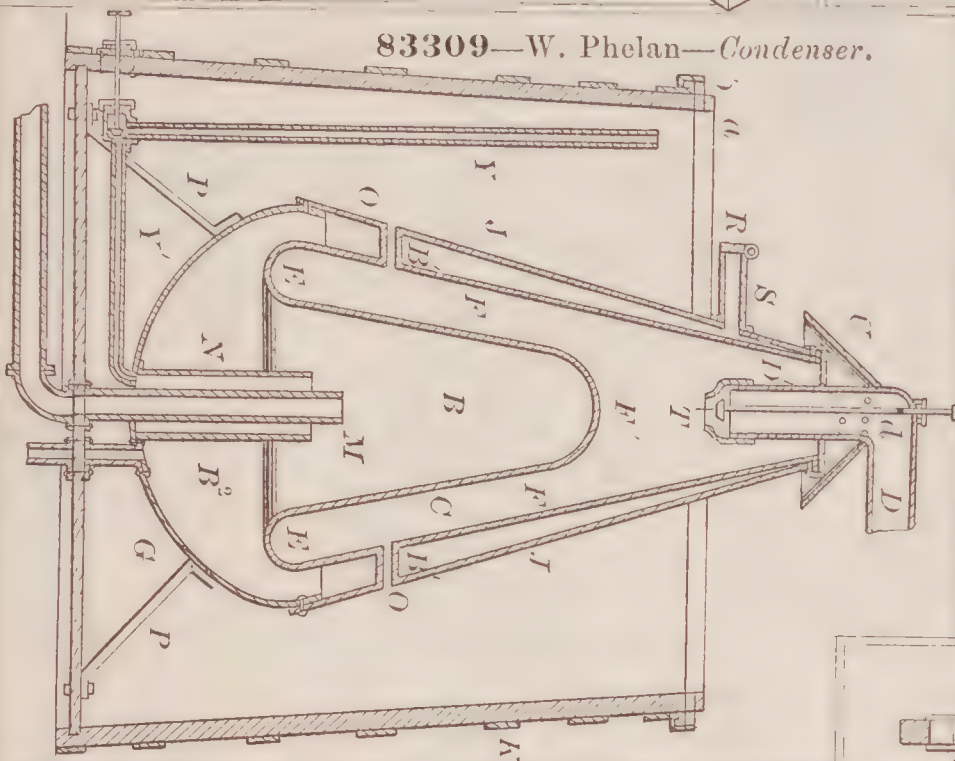
83306—F. Parker—*Mortising Machine.*



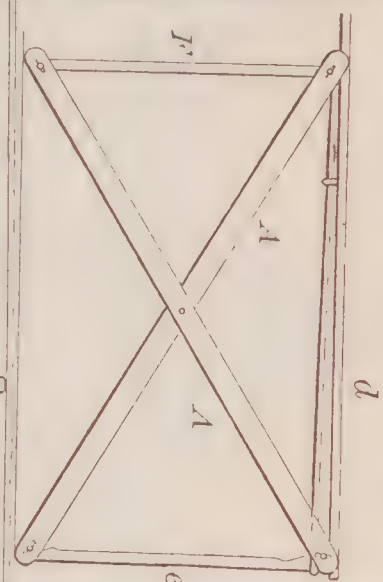
83307—W N. Peirce—*Wash Boiler.*



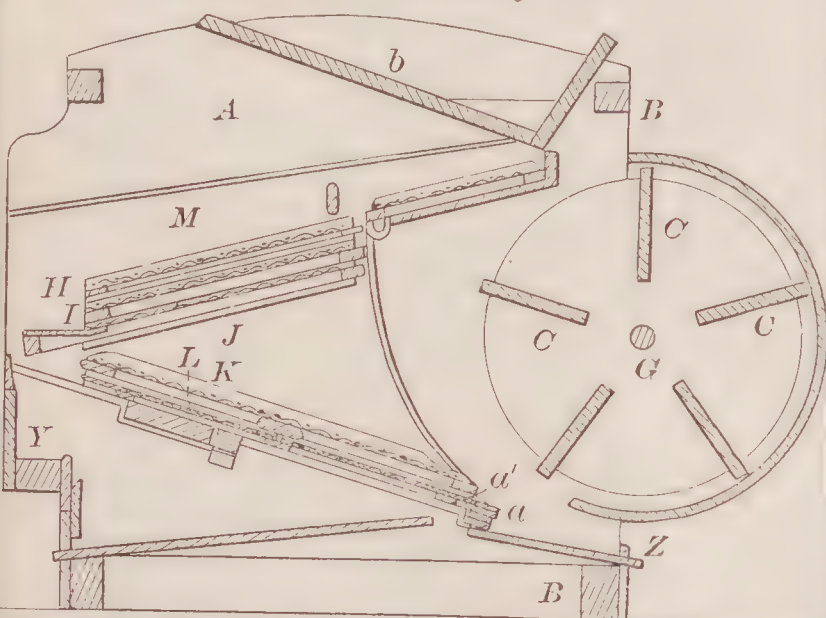
83309—W. Phelan—*Condenser.*



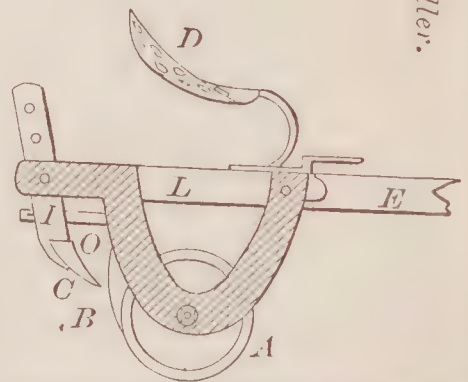
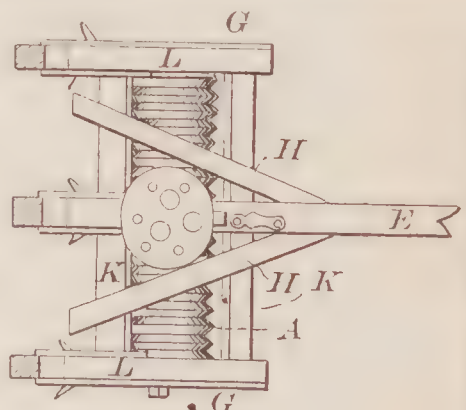
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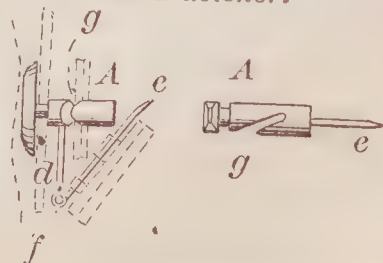
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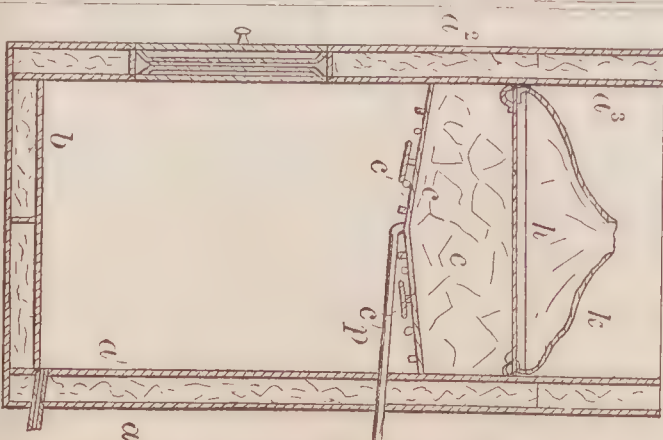
83311—F. Post—*Lead Roller.*



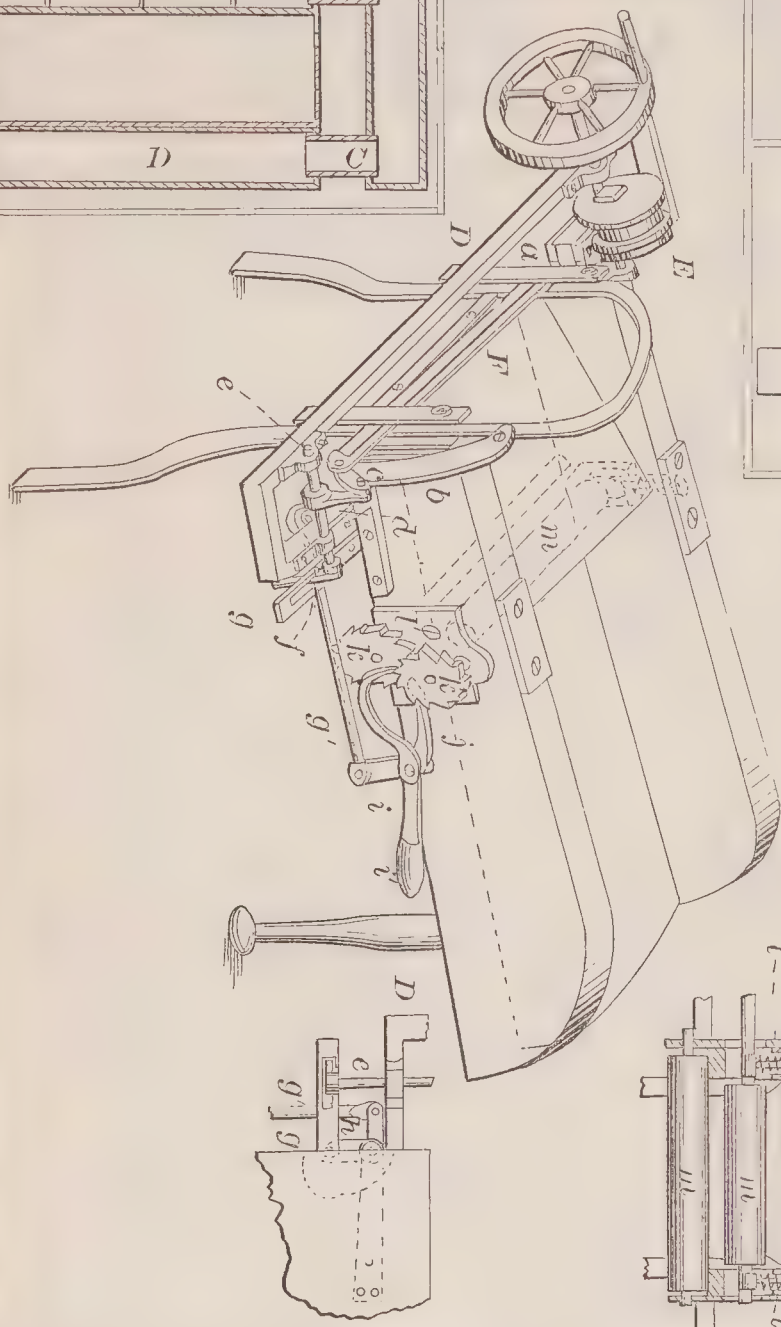
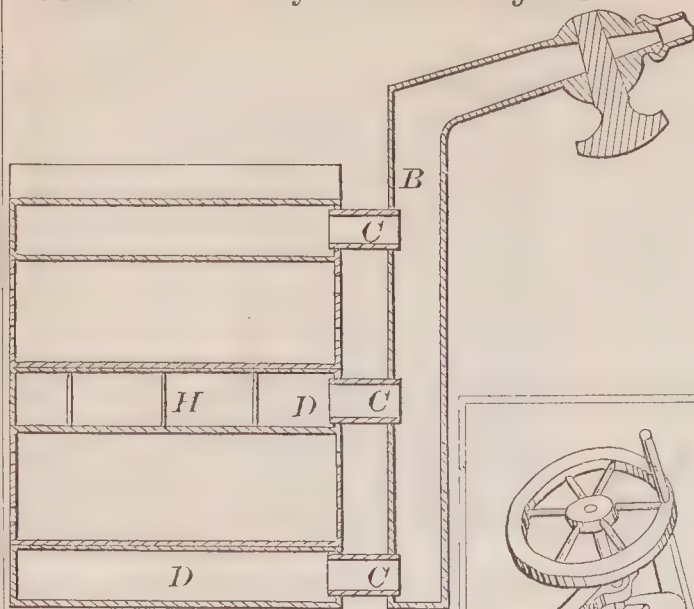
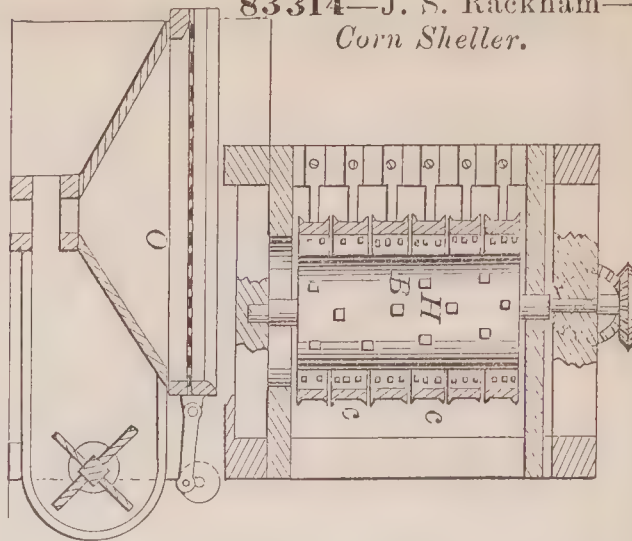
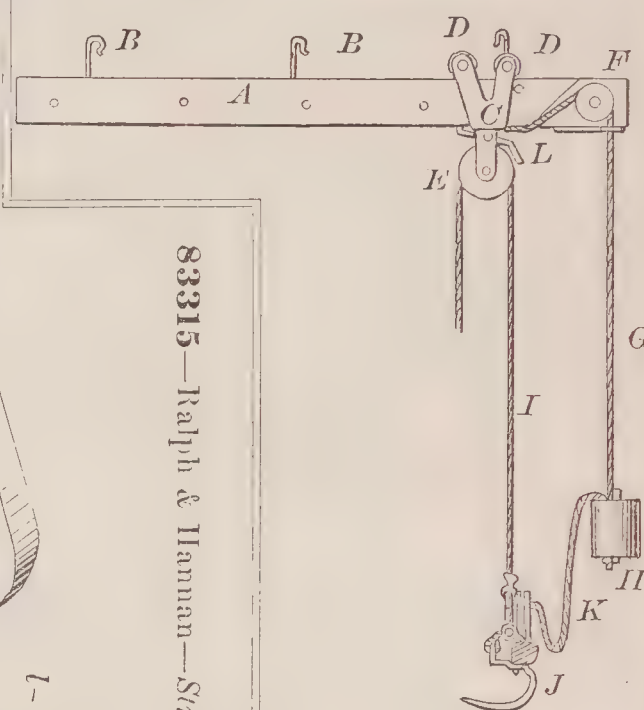
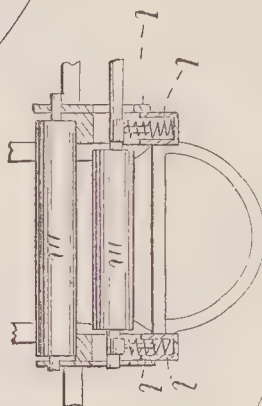
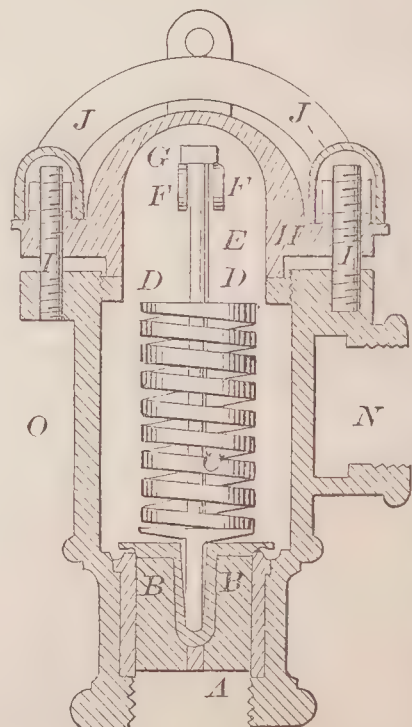
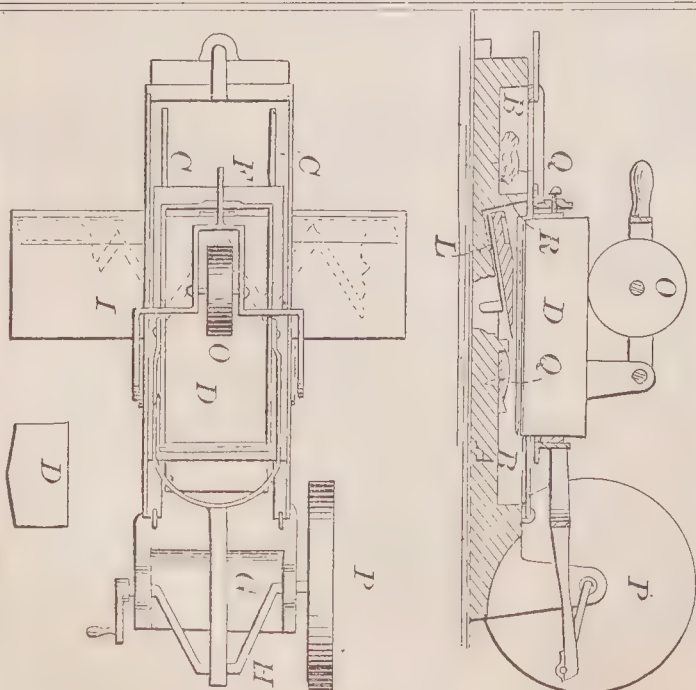
83318—E. Rau—*Neck Tie and Collar Fastener.*



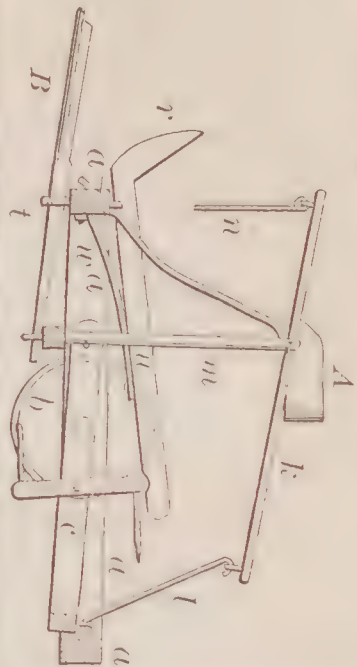
83316—T. L. Rankin—  
*Refrigerating House.*



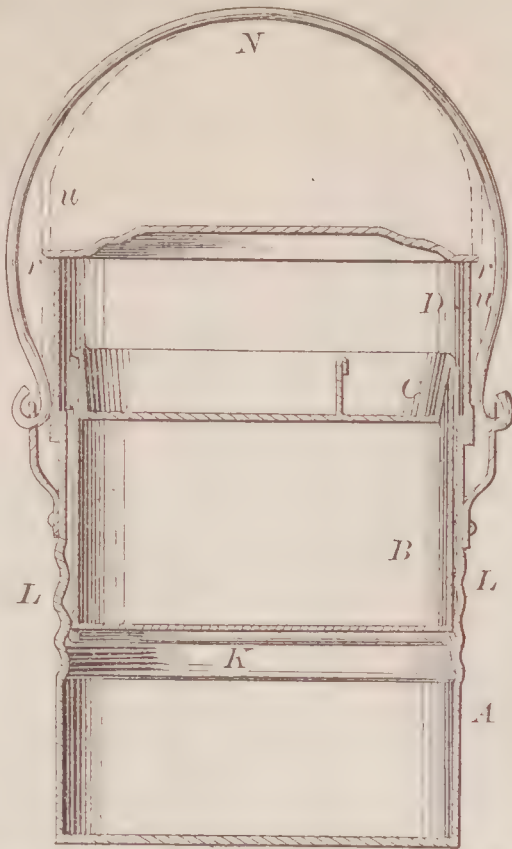


83313—J. W. Pyne—*Fruit Dryer. F*83314—J. S. Rackham—*Corn Sheller.*83319—J. J. Rea—*Elevator.*83315—Ralph & Hannan—*Straw Cutter.*83320—Richardson & Waterman—*Steam Safety Valve.*83322—G. Sanford—*For Sharpening  
Mowing Machine Cutters.*

83326—N. Selby—Horse Rake.



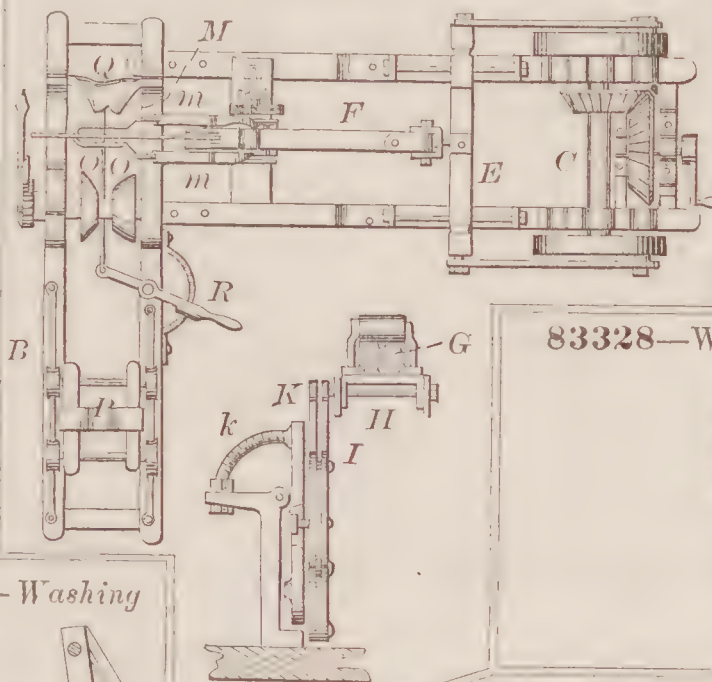
83323—M. Saulson—Dinner Pail.



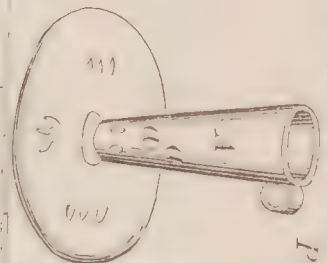
83321—M. H. Rumpf—Railway Car Brake.



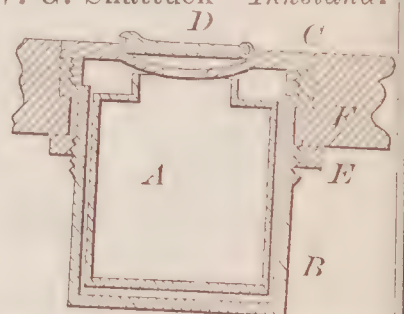
83324—F. M. Schaeffer—Sewing Machine.



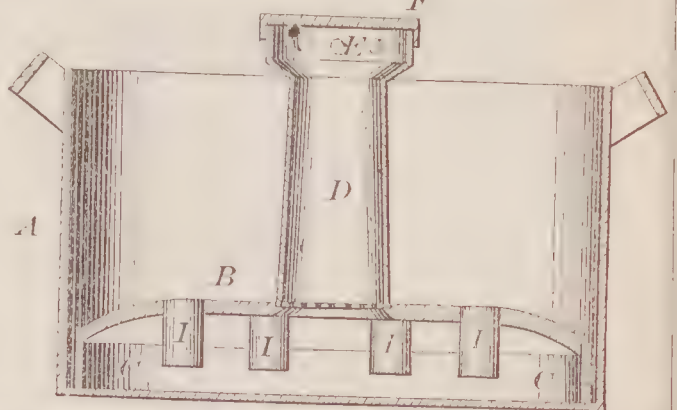
83327—Mrs. N. M. Selden—Pie Tube.



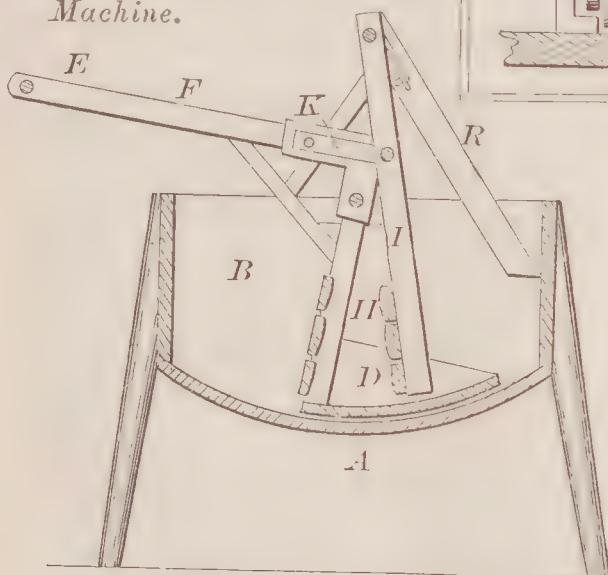
83328—W. G. Shattuck—Inkstand.



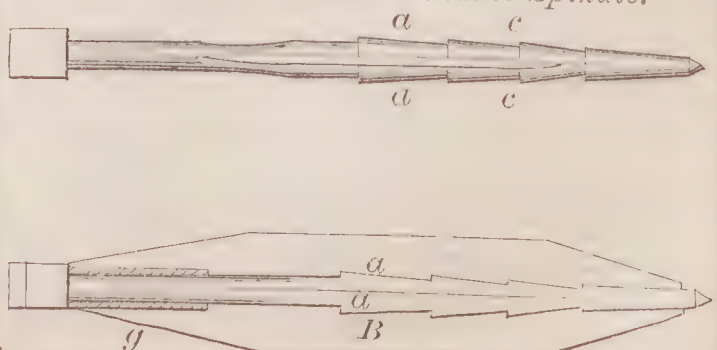
83329—A. Sherwood—Wash Boiler.



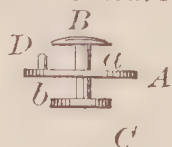
83325—J. Scott—Washing Machine.



83331—C. E. Smith—Shuttle Spindle.

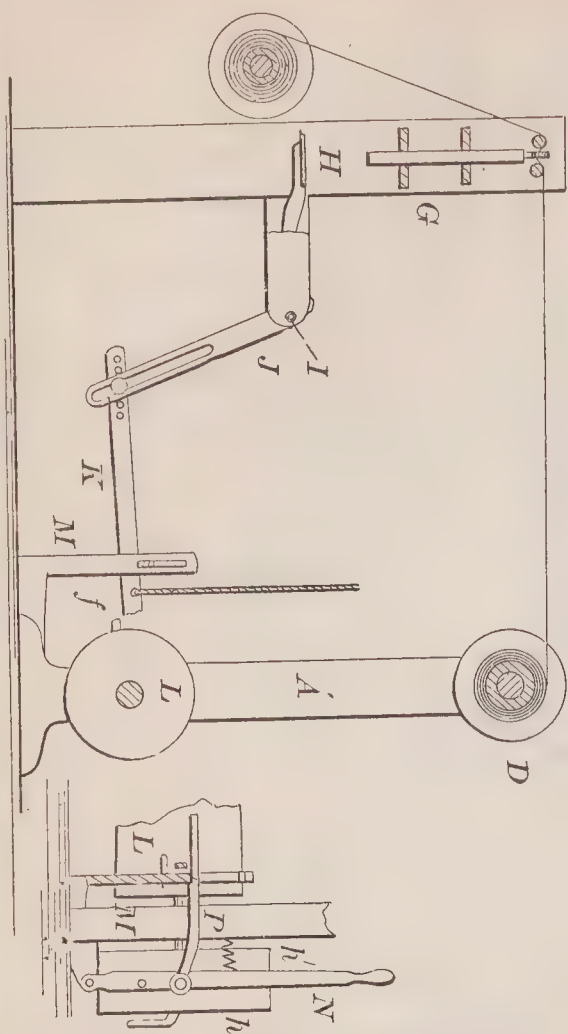


83332—P. W. Smith—For Fastening Shirt Collars.

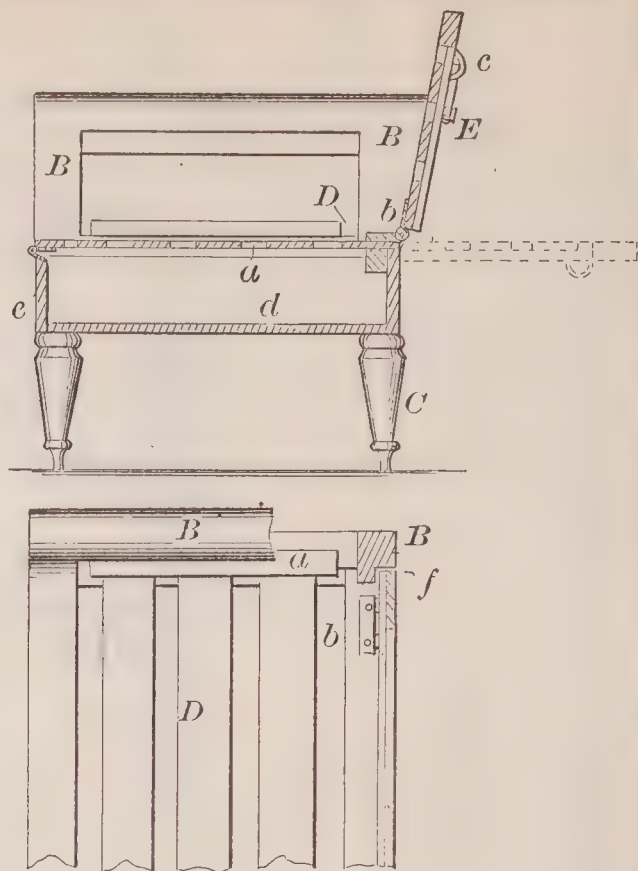




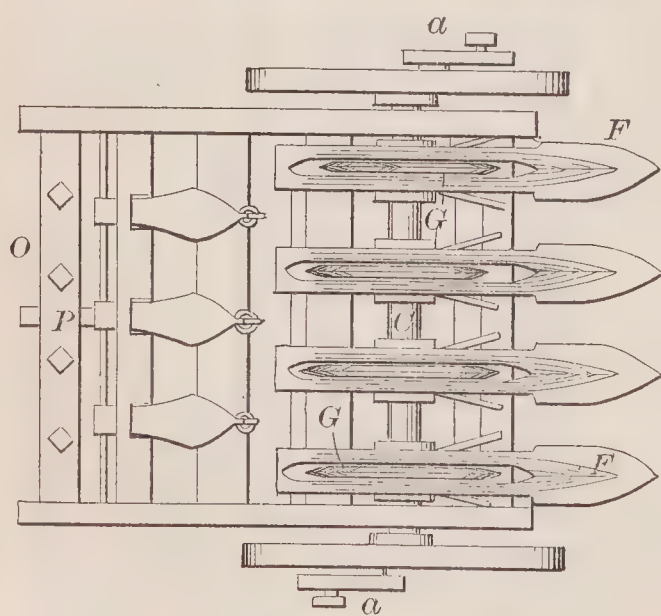
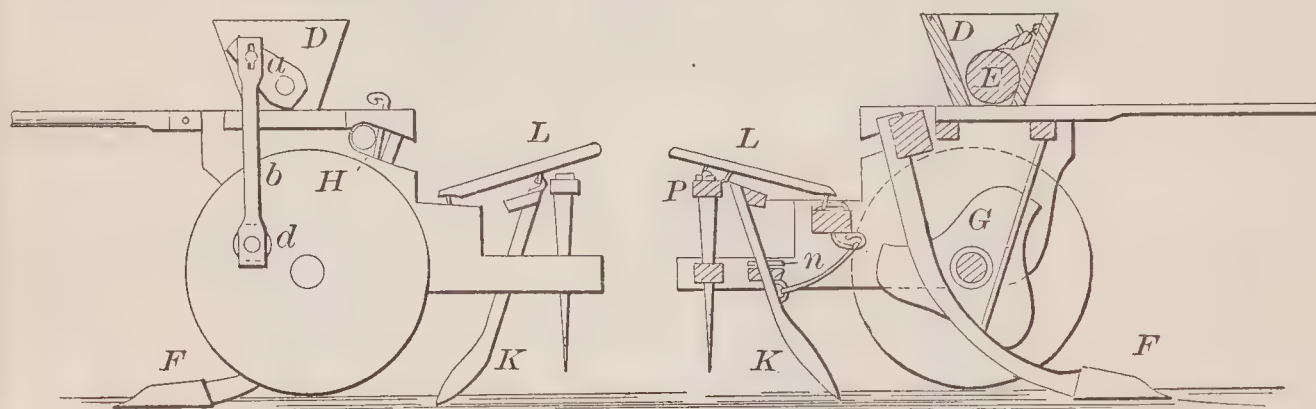
83330—J. Siegrist—Warping Machine.



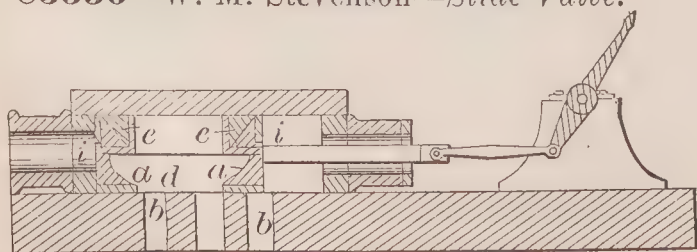
83333—B. L. Southack—Sofa Bedstead.



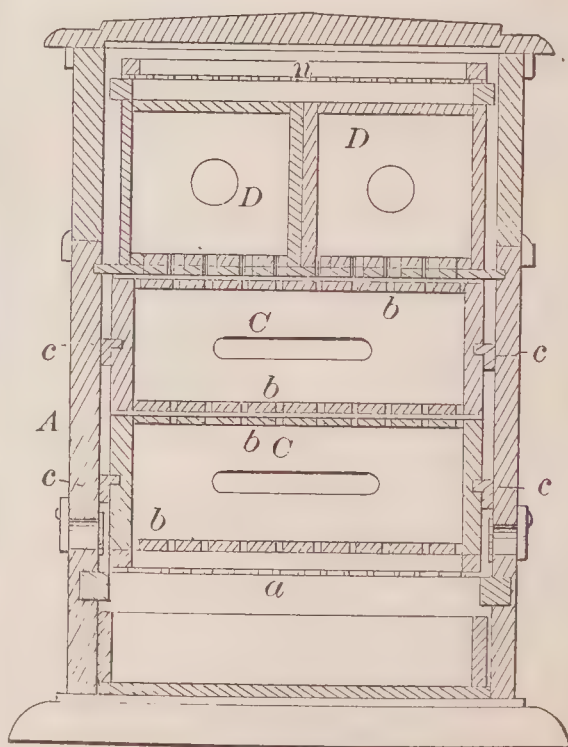
83334—L. Stadler—Seeder and Cultivator.



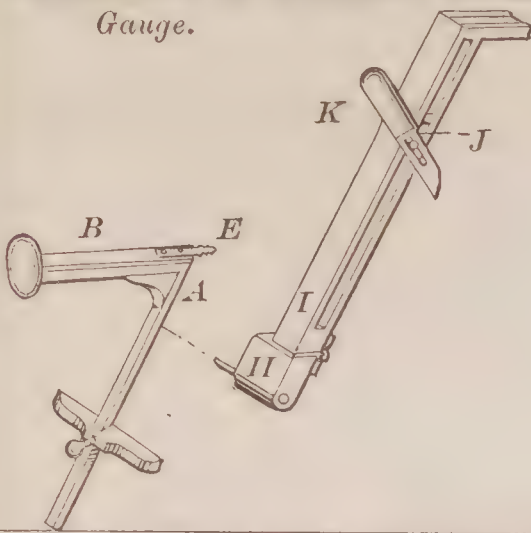
83336—W. M. Stevenson—Slide Valve.



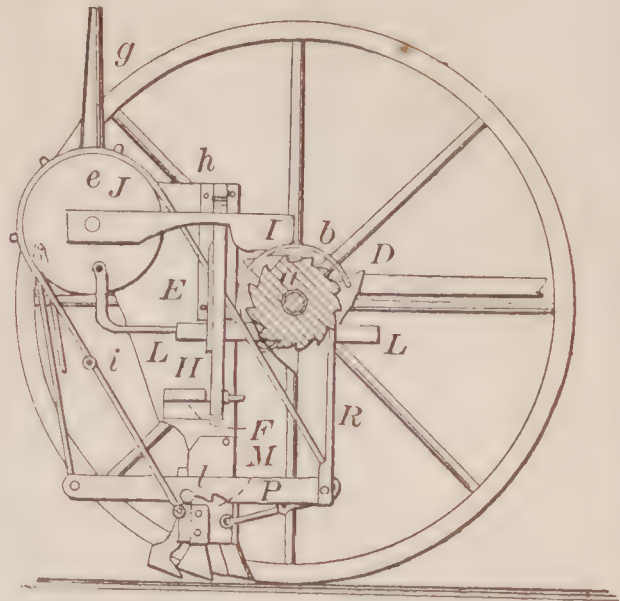
83335—U. Stansbury—Beehive.



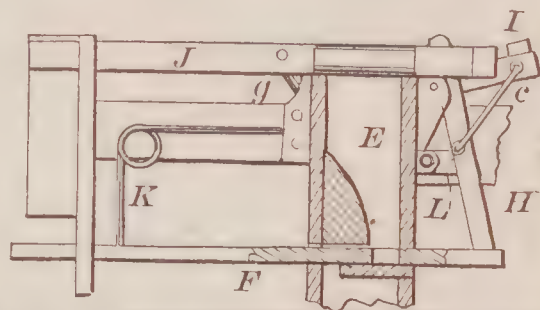
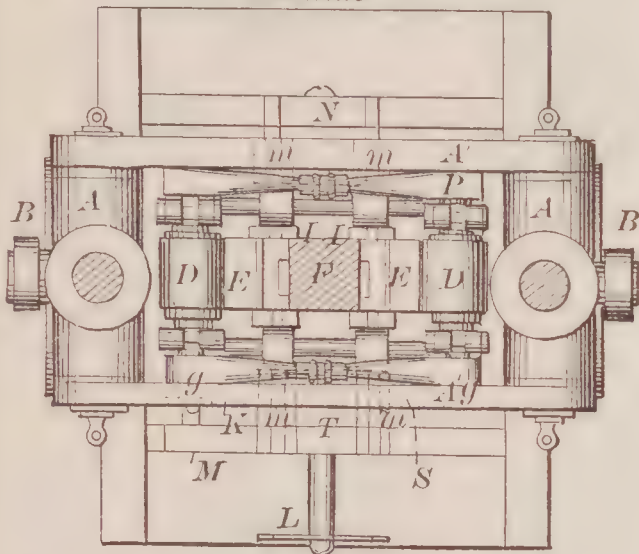
83337—W. E. Stoddard—Weatherboard Gauge.



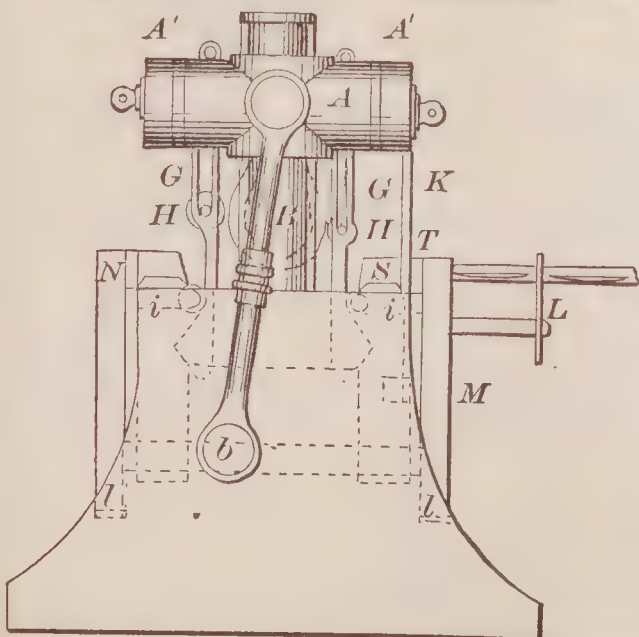
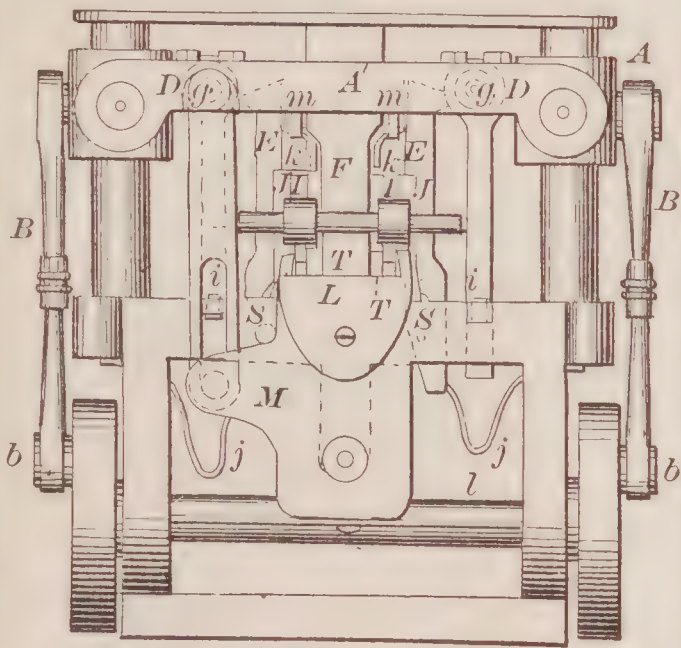
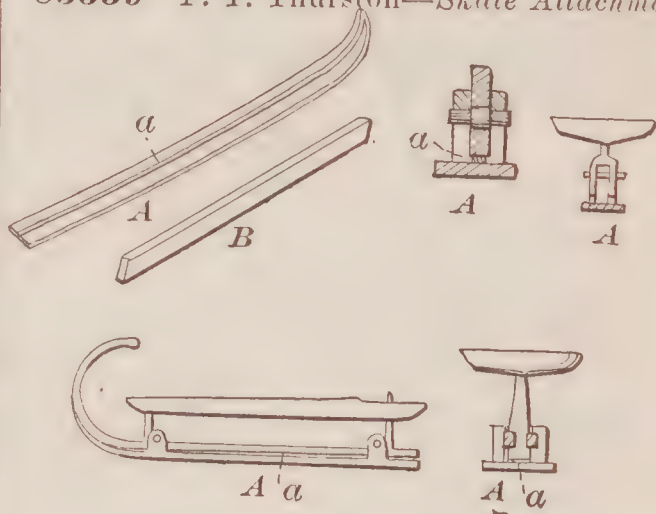
83338—D. F. Taft—Corn Planter.



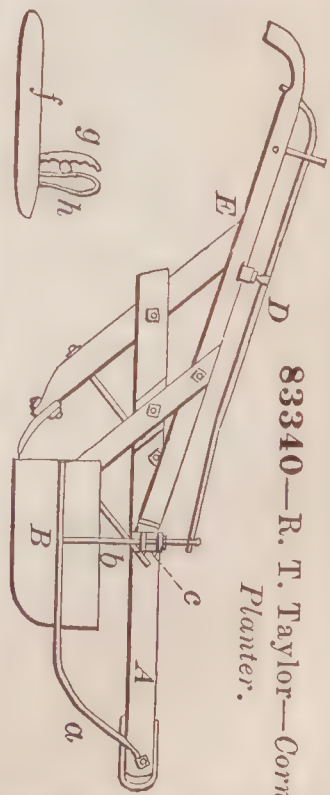
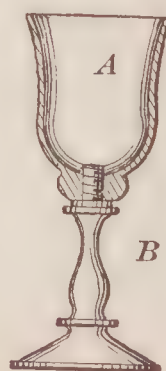
83342—E. B. Turner—Horse Shoe Machine



83339—F. T. Thurston—Skate Attachment.



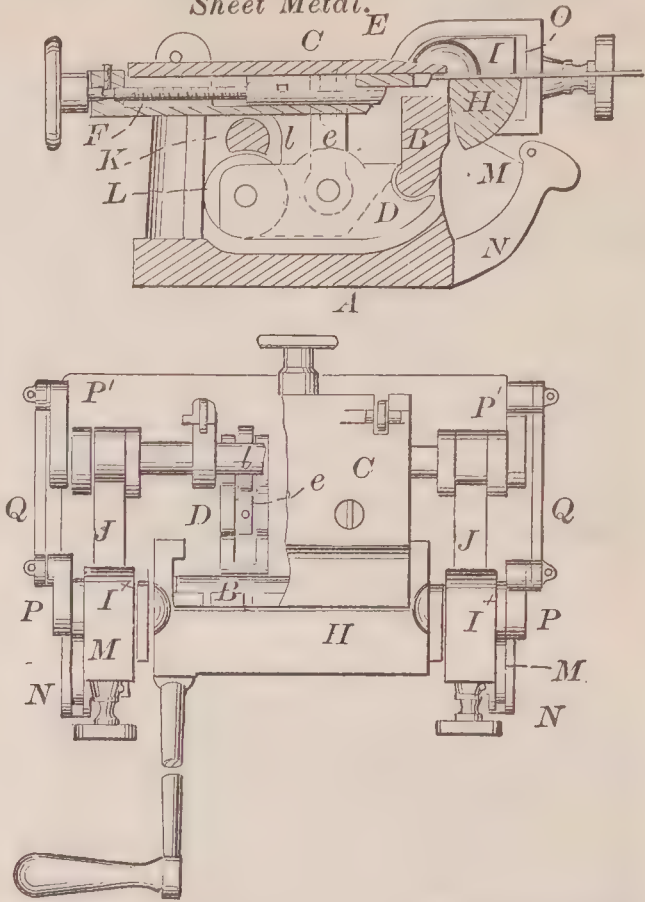
83341—J. S. Towndrow—Cup.



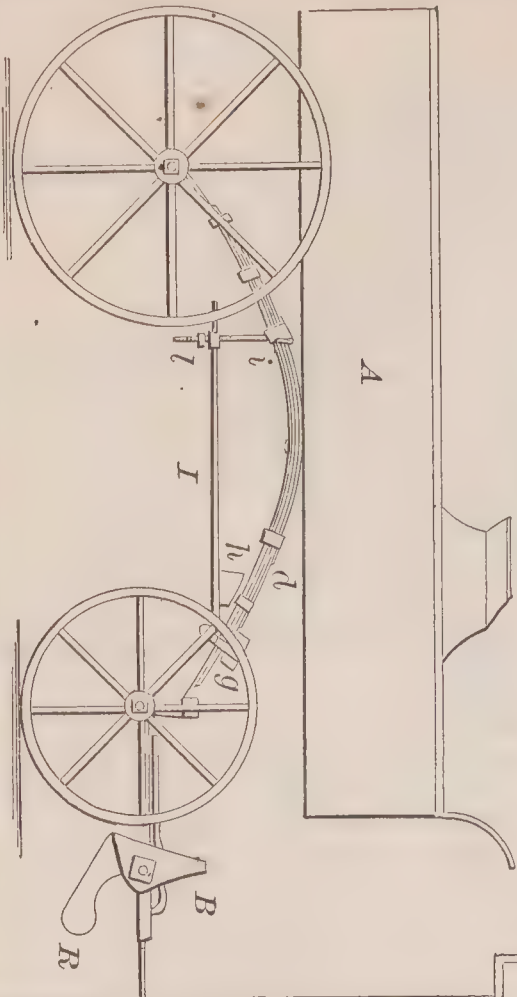
83340—R. T. Taylor—Corn Planter.



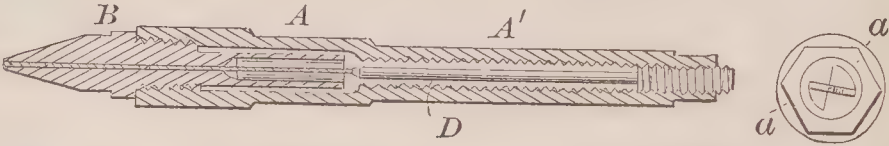
83347—A. & P. A. Whitney—*For Bending Sheet Metal.*



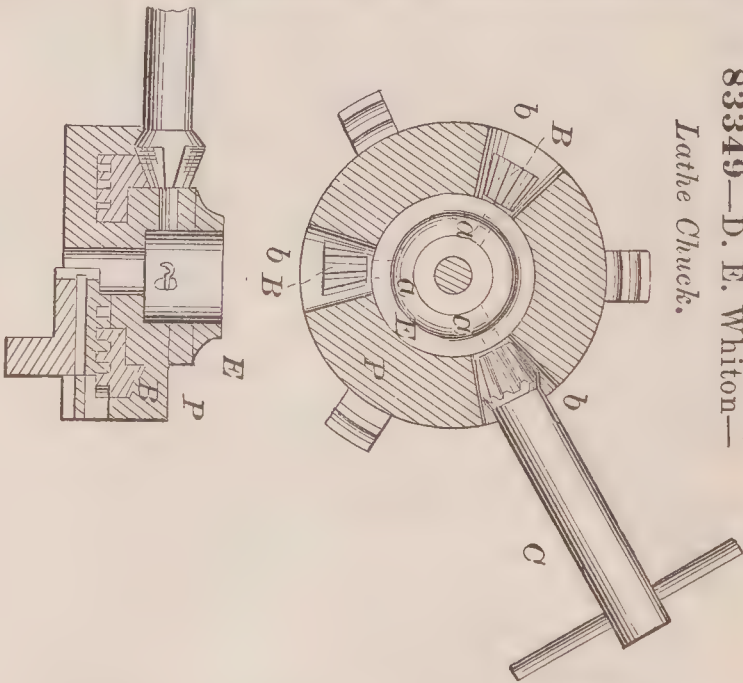
83343—J. D. Van Hoebenbergh—*Spring Adjuster.*



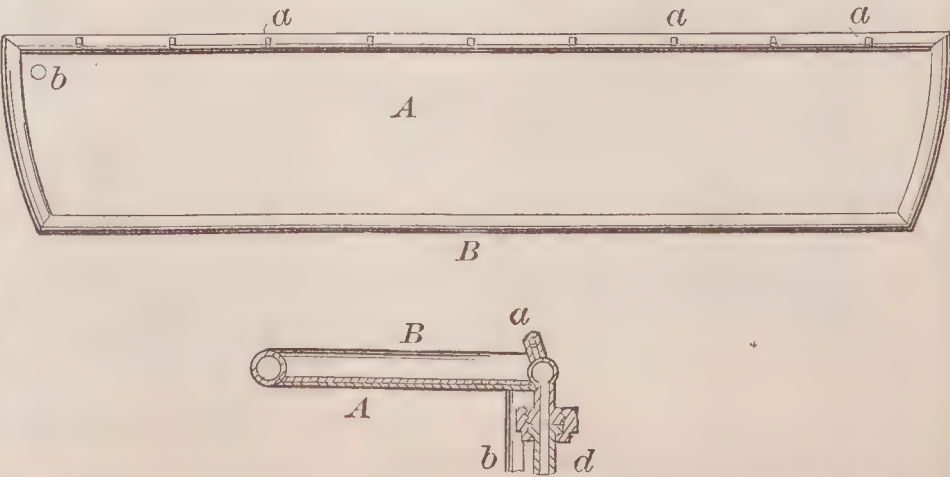
83348—P. A. Whitney—*Counter Sink.*



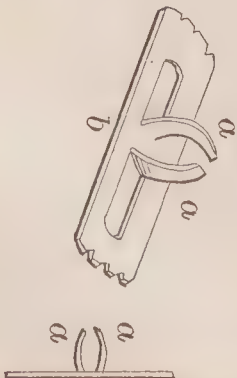
83349—D. E. Whiton—*Lathe Chuck.*



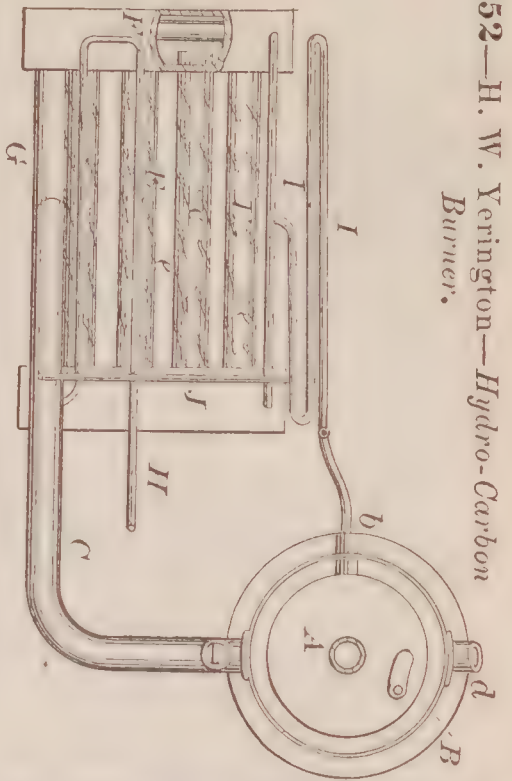
83346—J. C. Wharton—*Soda Fountain.*



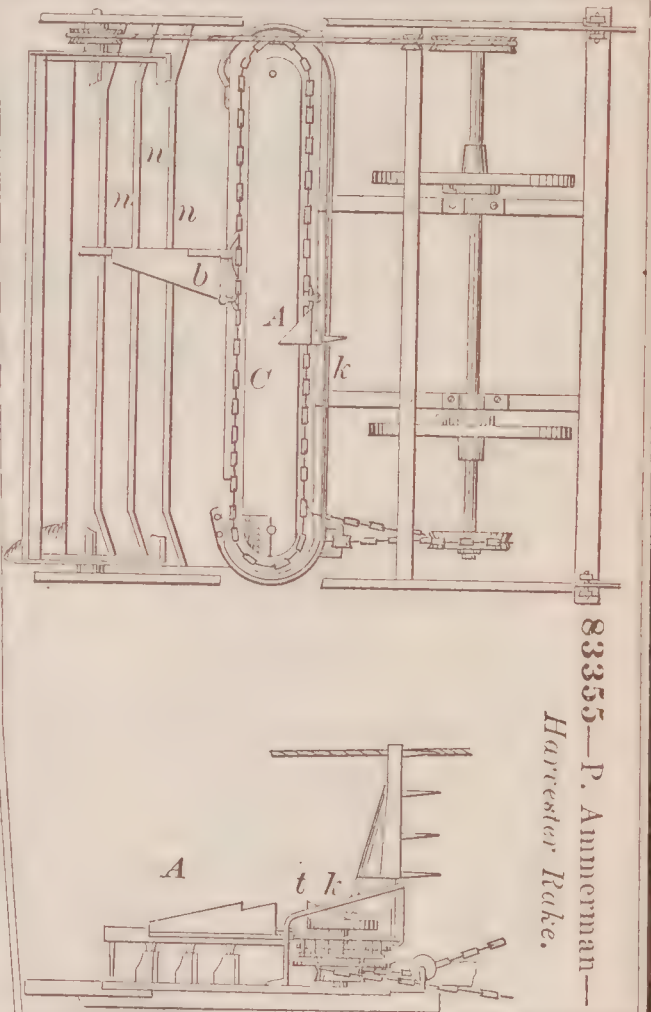
83353—J. W. Murrell—*For Cutting Thread.*



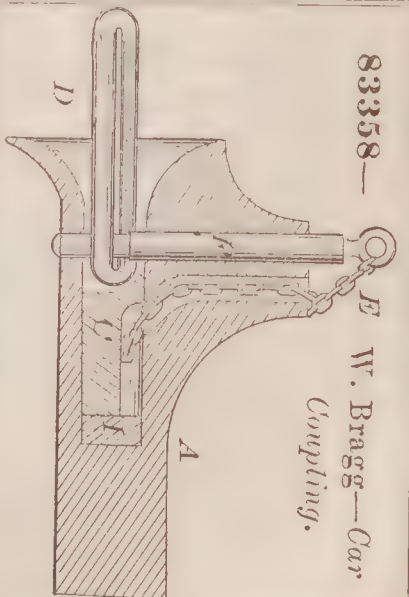
83352—H. W. Yerington—Hydro-Carbon Burner.



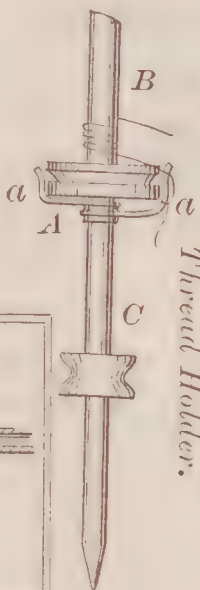
83355—P. Ammerman—Harvester Blade.



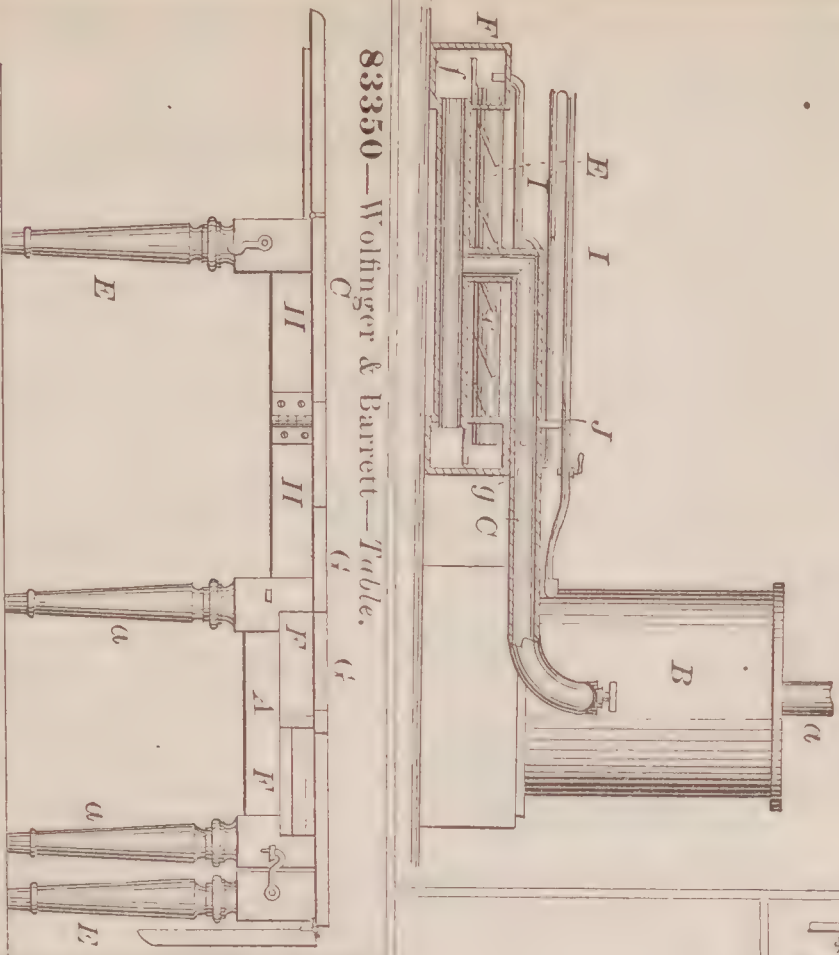
83358—E. W. Bragg—Car Coupling.



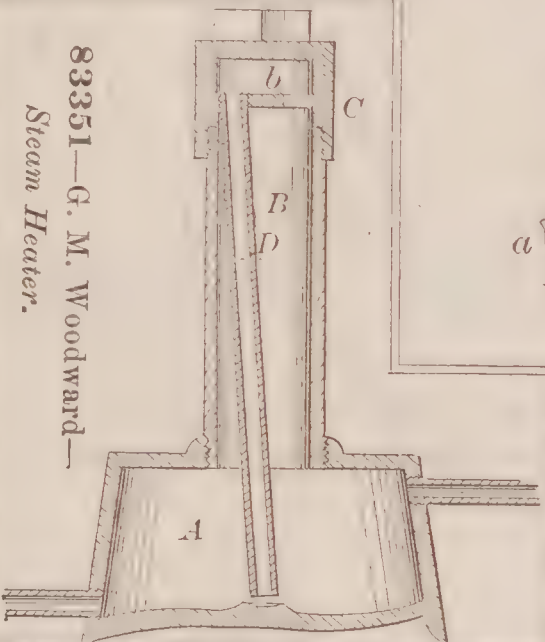
83354—T. L. Linders—Bobbin and Thread Holder.



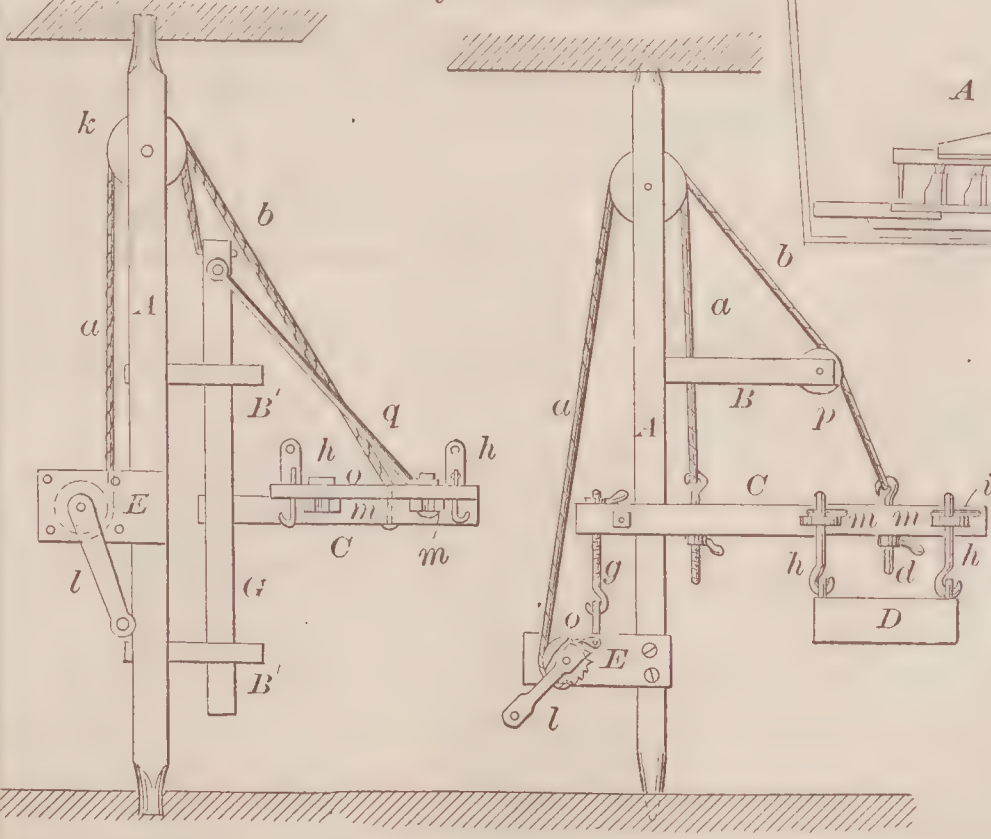
83350—Wolfinger & Barrett—Table.



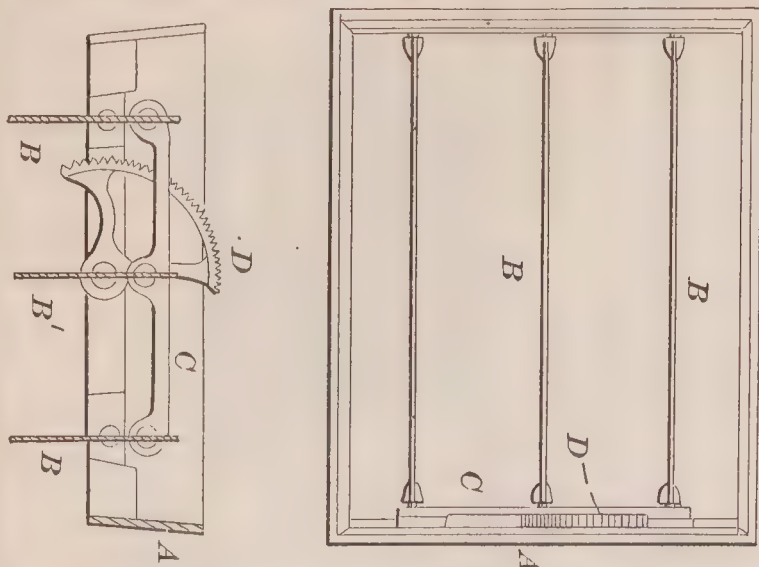
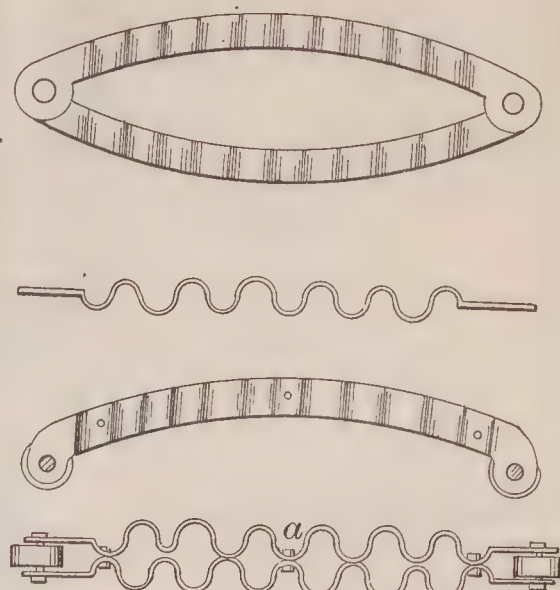
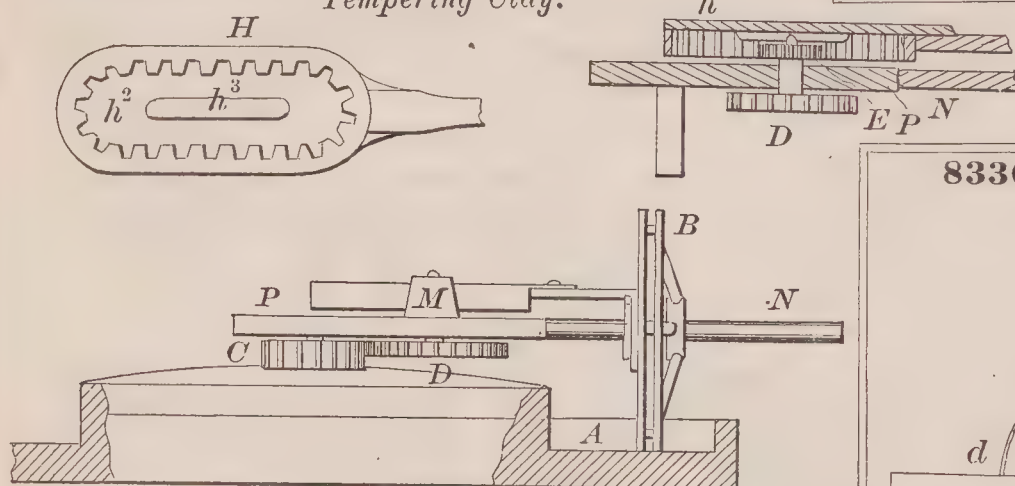
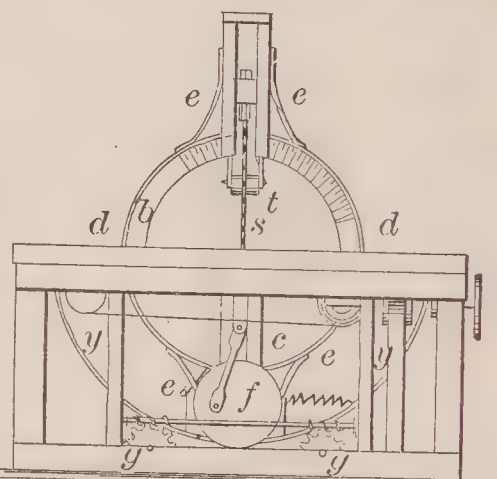
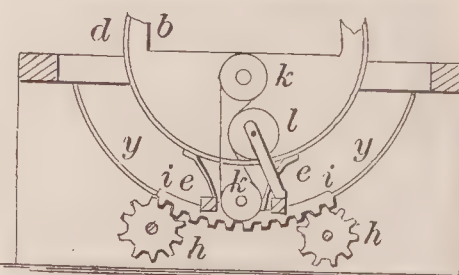
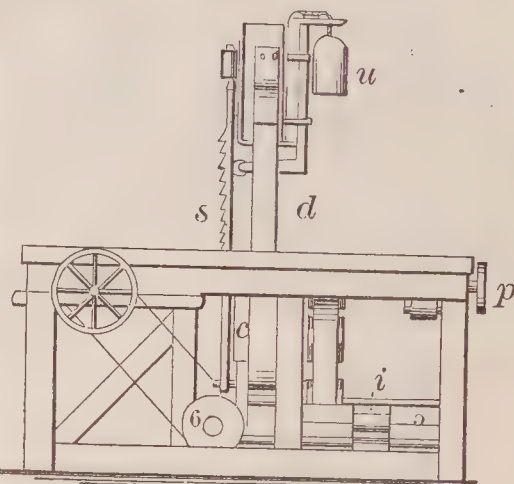
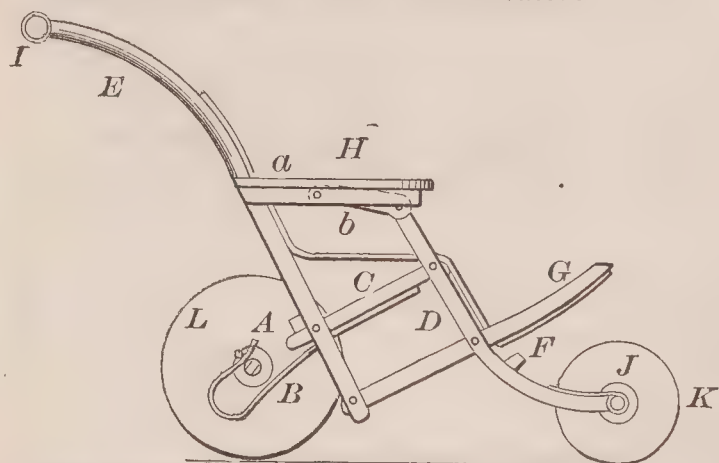
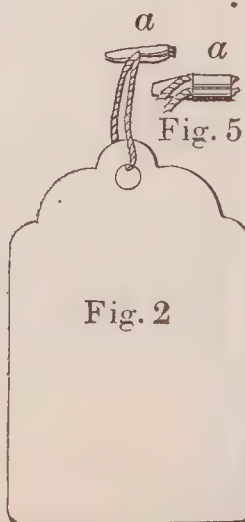
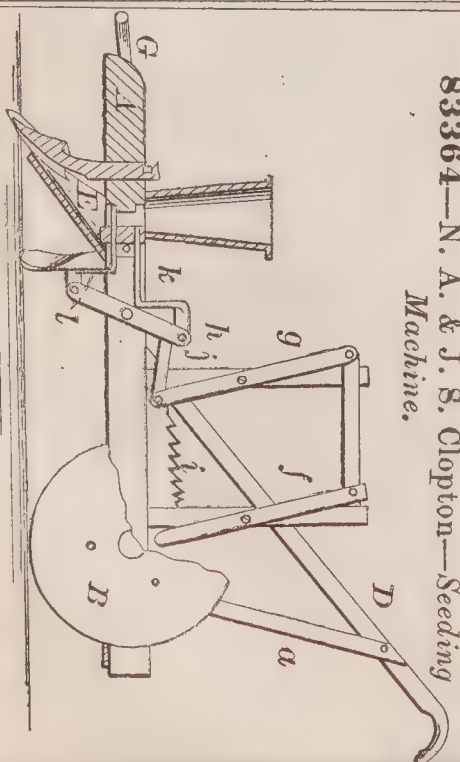
83351—G. M. Woodward—Steam Heater.



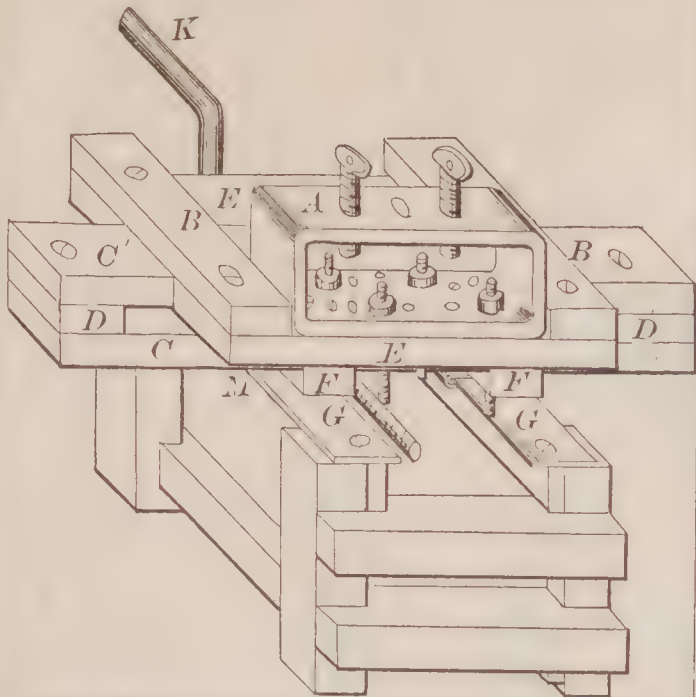
83356—J. D. Ayers—Sugar Pan Derrick.



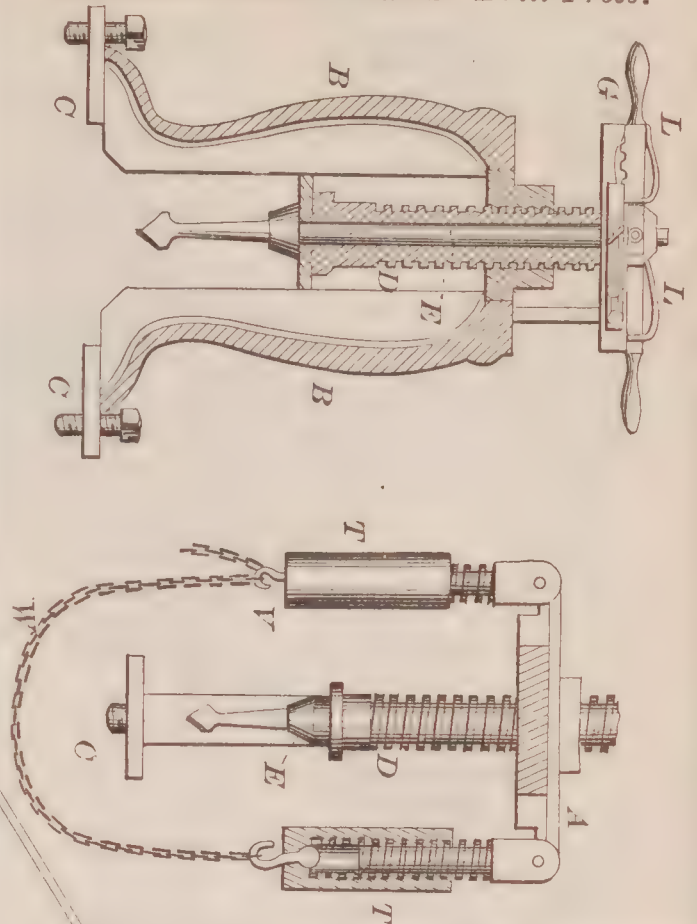


83359—T. W. Brown—*Hot Air Register.*83360—F. Carjar—*Spring.*83361—Carnell, Williams & Ellis—*Mill for Tempering Clay.*83362—J. E. Chamberlin—*Jig Saw.*83363—A. Christian—*Perambulator.*83368—B. L. Dennison—*Attaching Springs to Tags.*83364—N. A. & J. S. Clopton—*Seeding Machine.*

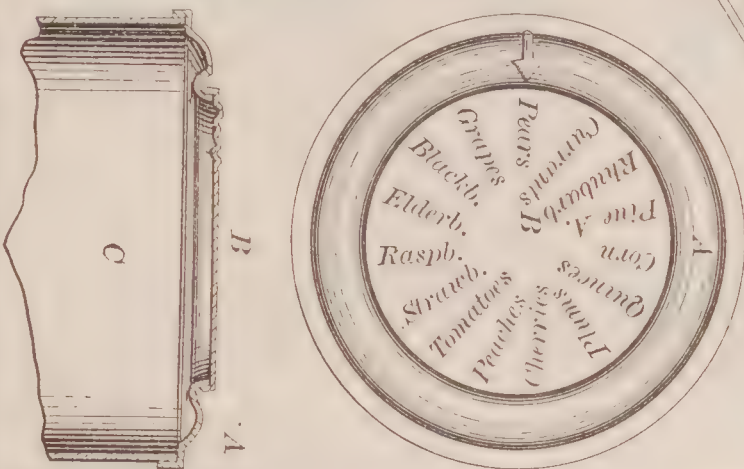
83365—W. Crossley—*For Edging Metals.*



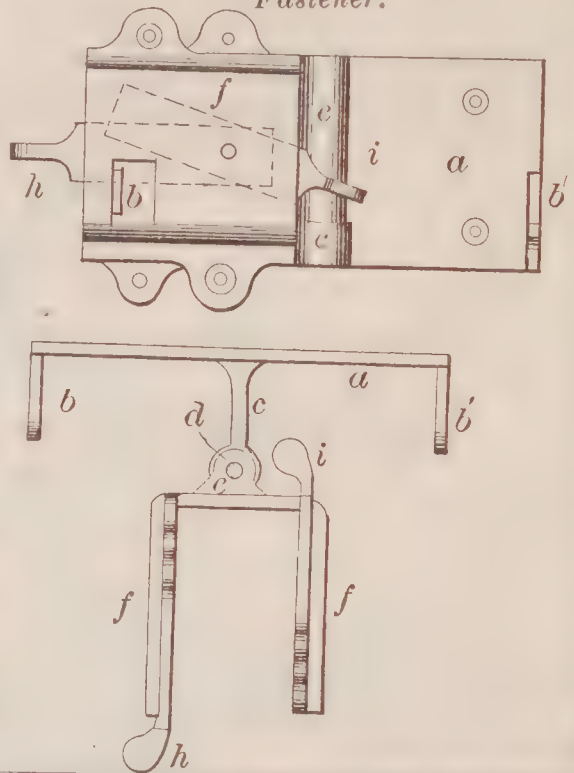
83366—Cullen & Baird—*Drill Press.*



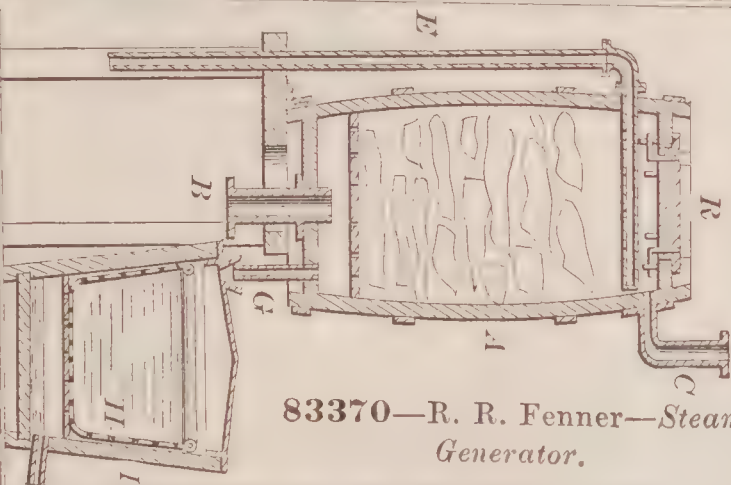
83367—E. M. Davis—*Fruit Jar.*



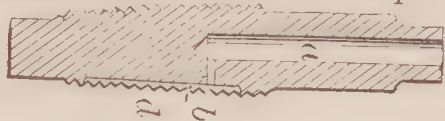
83369—L. Felker—*Hinge and Fastener.*



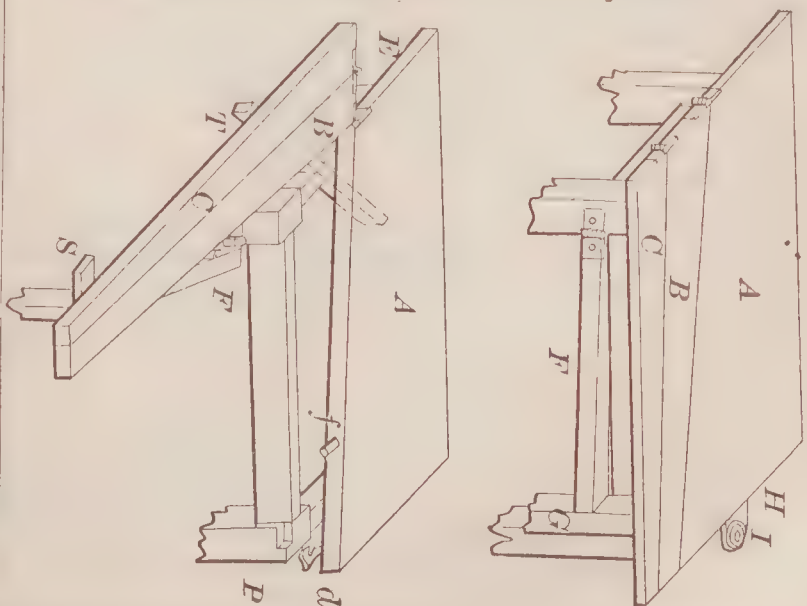
83370—R. R. Fenner—*Steam Generator.*



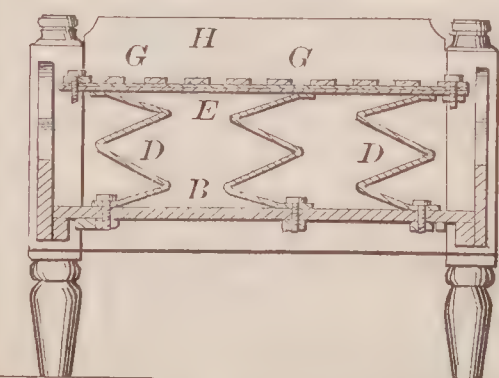
83371—W. K. Foster—*Tap.*



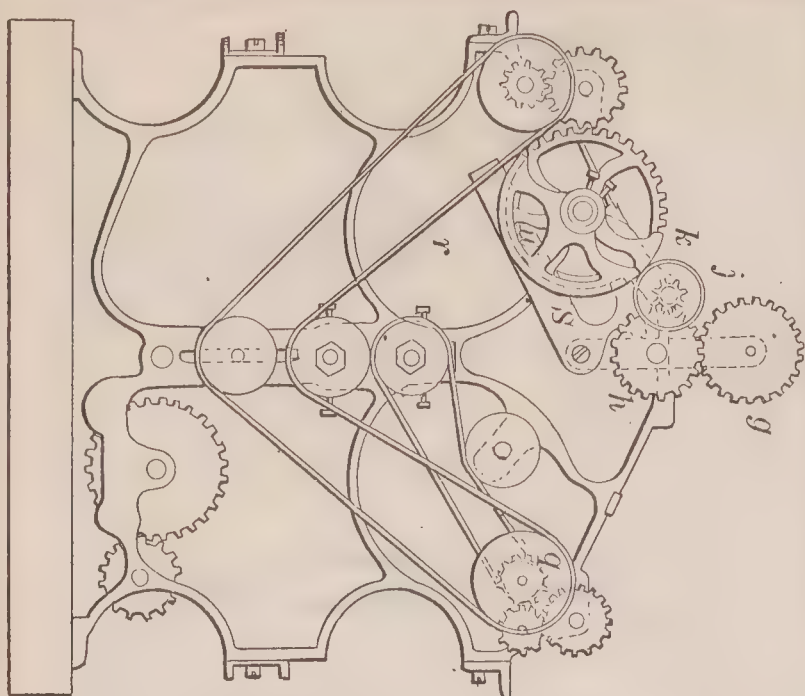
83379—L. Harrington—*Ironing Table.*



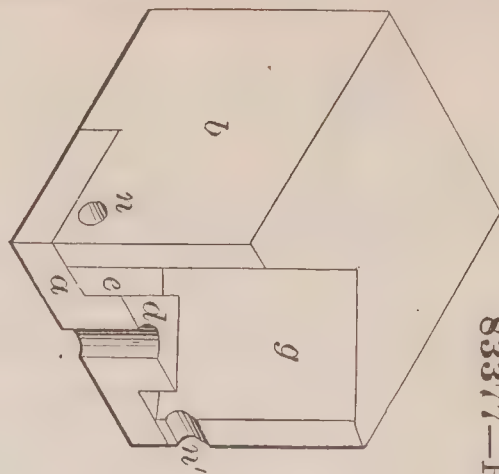
83373—Gaffney & Dunks—*Spring Bed Bottom.*



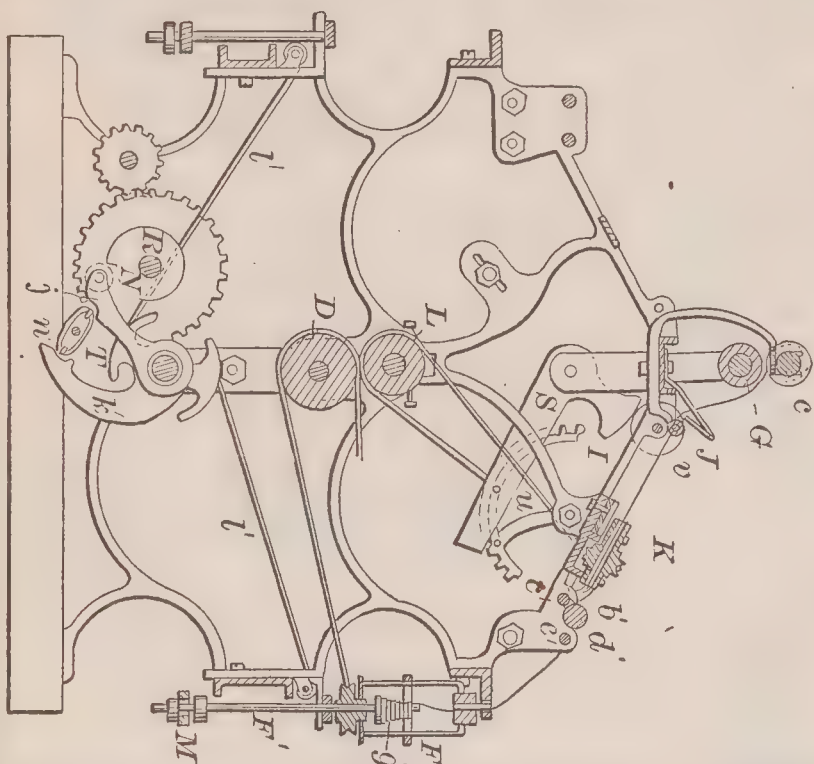
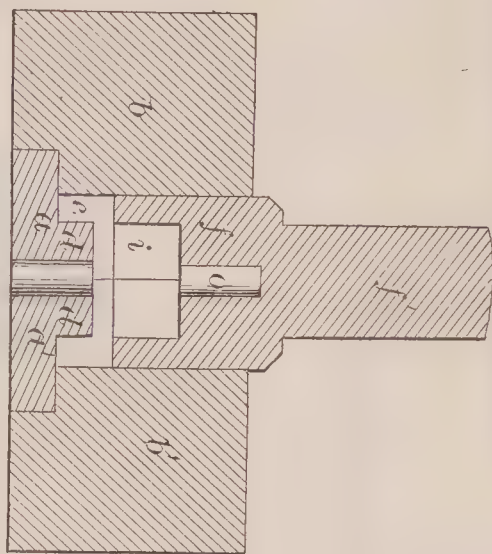




83375—J. Goulding—Spinning Machine.

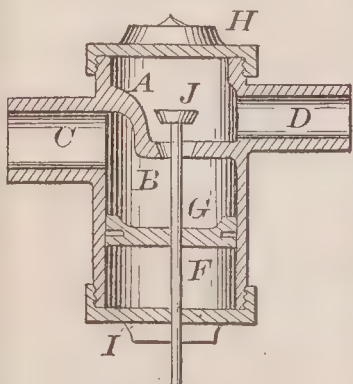


83377—R. Gracey—Die for Bolt Machines.



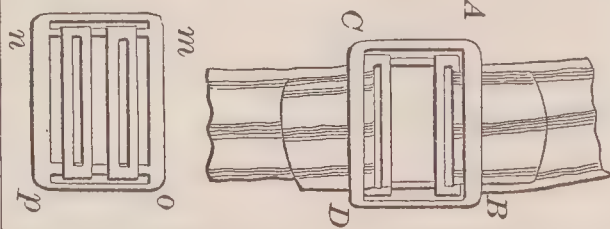
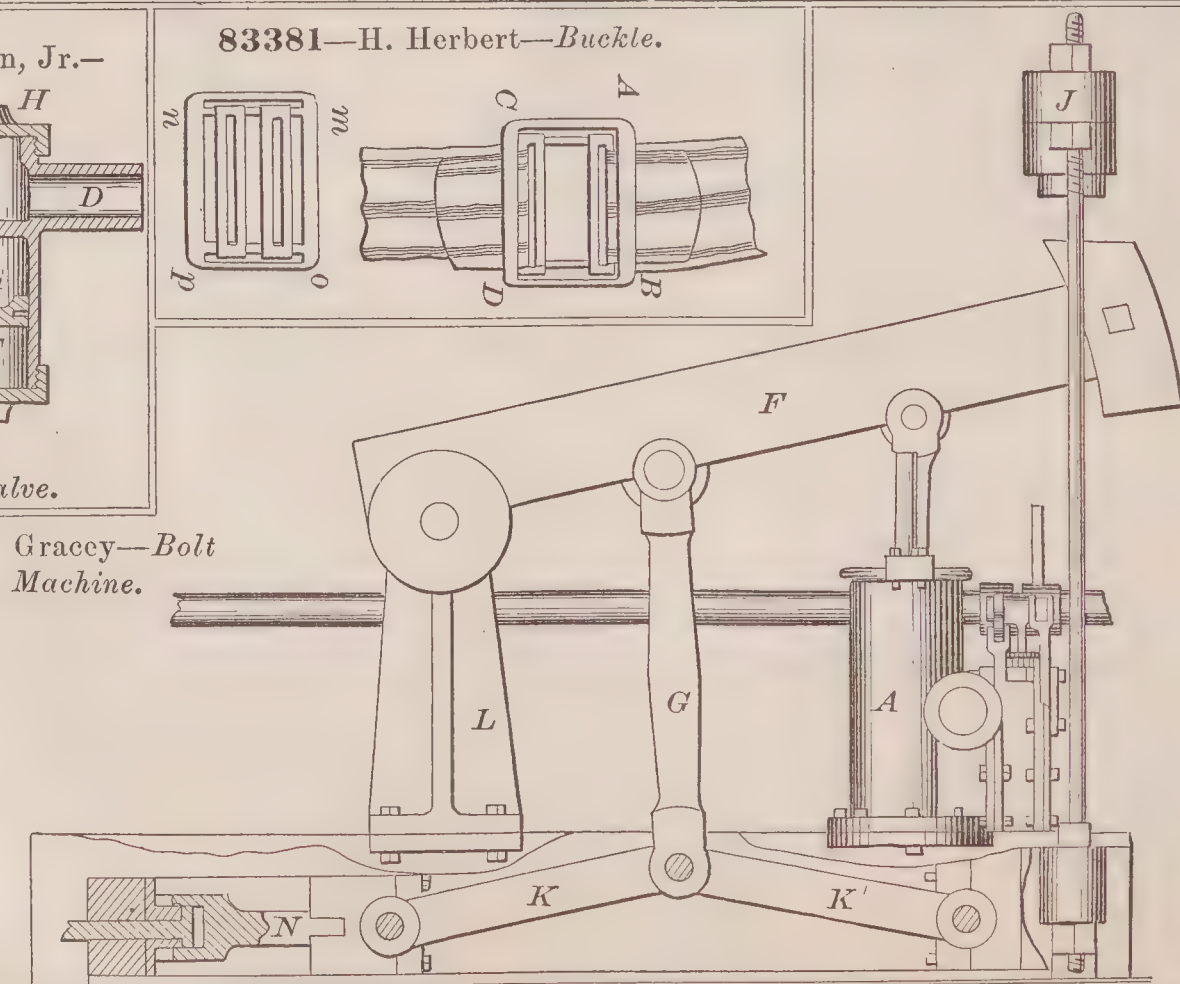
83378—H. H. Hall—Index.

2	A	<sup>2</sup> B	<sup>3</sup> C	<sup>4</sup> D	<sup>5</sup> E	<sup>6</sup> F	<sup>7</sup> G	<sup>8</sup> H	<sup>9</sup> I
3	B	<sup>4</sup> C	<sup>5</sup> D	<sup>6</sup> E	<sup>7</sup> F	<sup>8</sup> G	<sup>9</sup> H	<sup>1</sup> I	<sup>2</sup> J
4	C	<sup>5</sup> D	<sup>6</sup> E	<sup>7</sup> F	<sup>8</sup> G	<sup>9</sup> H	<sup>1</sup> I	<sup>2</sup> J	<sup>3</sup> K
5	D	<sup>6</sup> E	<sup>7</sup> F	<sup>8</sup> G	<sup>9</sup> H	<sup>1</sup> I	<sup>2</sup> J	<sup>3</sup> K	<sup>4</sup> L
6	E	<sup>7</sup> F	<sup>8</sup> G	<sup>9</sup> H	<sup>1</sup> I	<sup>2</sup> J	<sup>3</sup> K	<sup>4</sup> L	<sup>5</sup> M
7	F	<sup>8</sup> G	<sup>9</sup> H	<sup>1</sup> I	<sup>2</sup> J	<sup>3</sup> K	<sup>4</sup> L	<sup>5</sup> M	<sup>6</sup> N
8	G	<sup>9</sup> H	<sup>1</sup> I	<sup>2</sup> J	<sup>3</sup> K	<sup>4</sup> L	<sup>5</sup> M	<sup>6</sup> N	<sup>7</sup> O
9	H	<sup>1</sup> I	<sup>2</sup> J	<sup>3</sup> K	<sup>4</sup> L	<sup>5</sup> M	<sup>6</sup> N	<sup>7</sup> O	<sup>8</sup> P

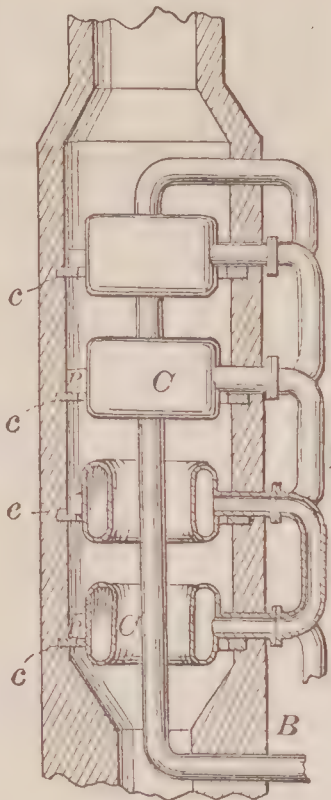
83380—  
J. Hayden, Jr.—

Check Valve.

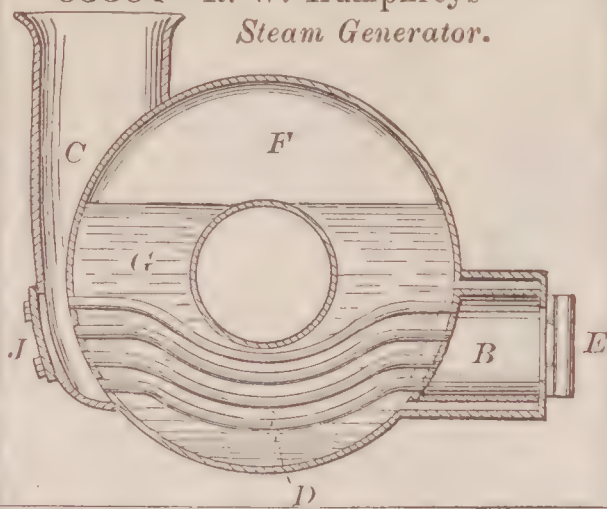
83381—H. Herbert—Buckle.

83376—R. Gracey—Bolt  
Heading Machine.

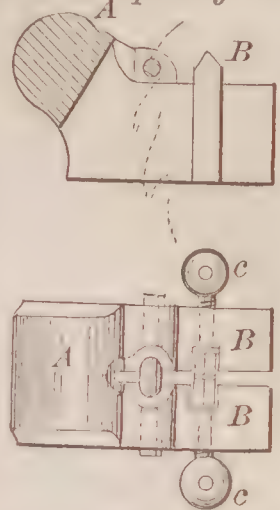
83382—F. & R. Hoop—*Furnace.*



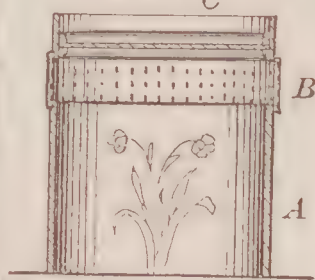
83384—R. W. Humphreys—*Steam Generator.*



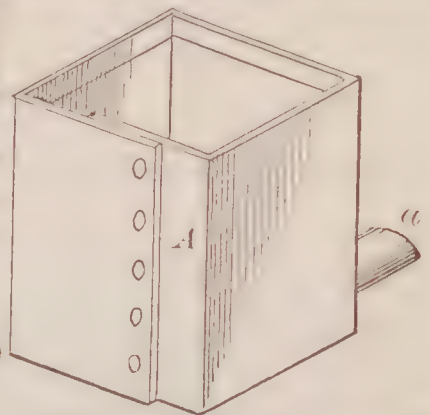
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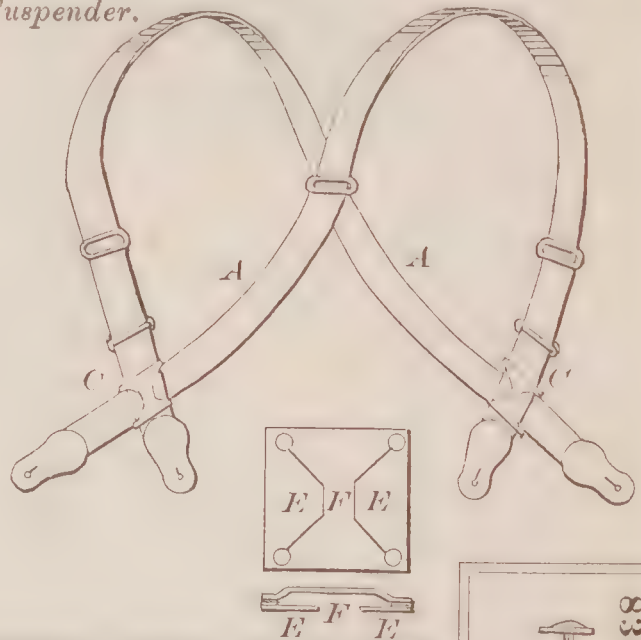
83386—J. M. Hurt—*Plant Protector.*



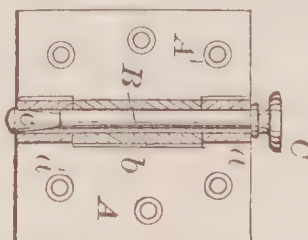
83388—A. S. Johnson—*Beehive Protector.*



83387—E. Jennings, Jr.—*Shoulder Brace and Suspender.*



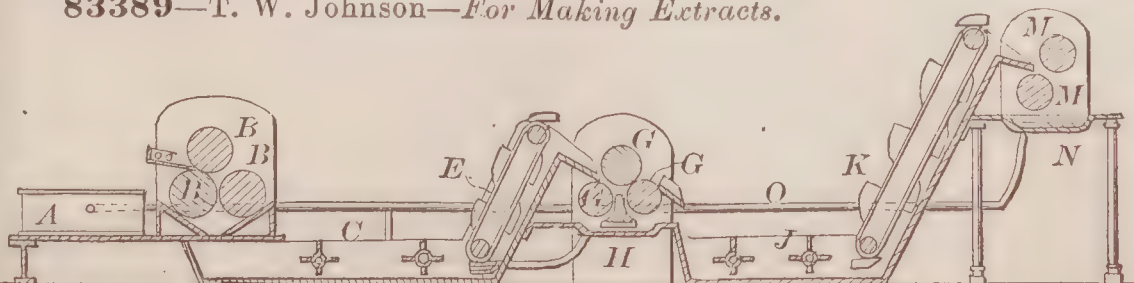
83393—Maschauer & Frankfurth—*Hinge.*



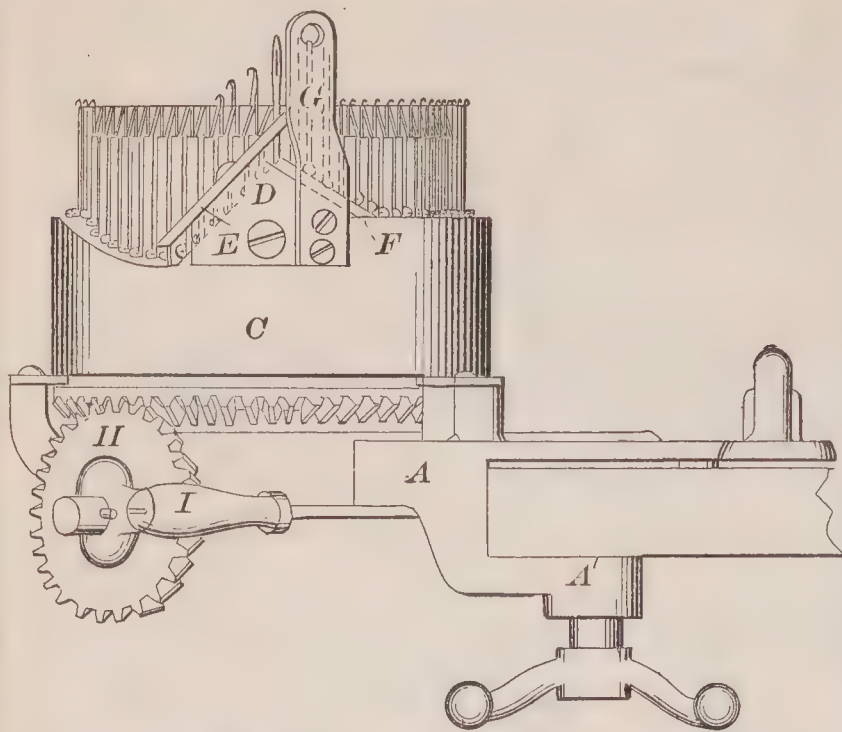
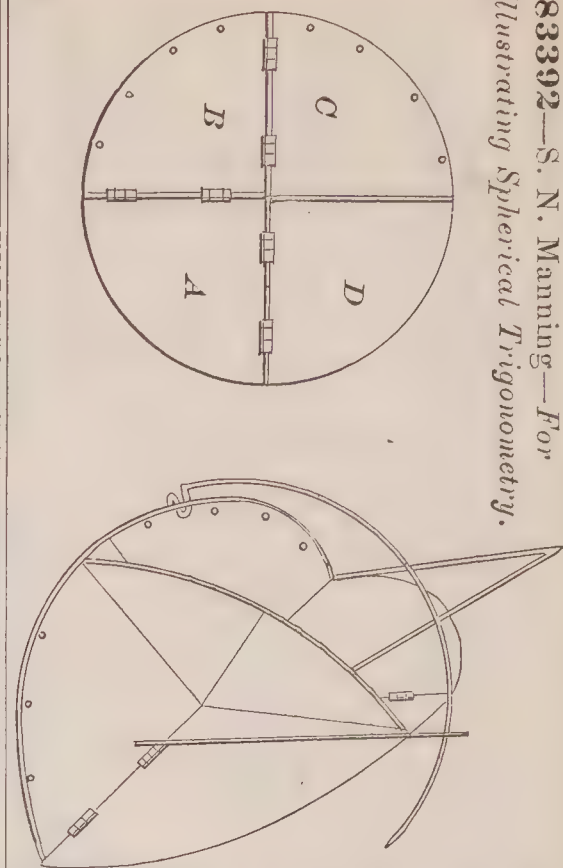
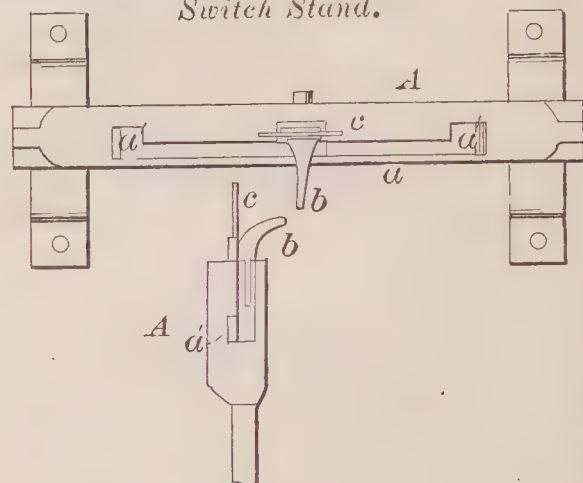
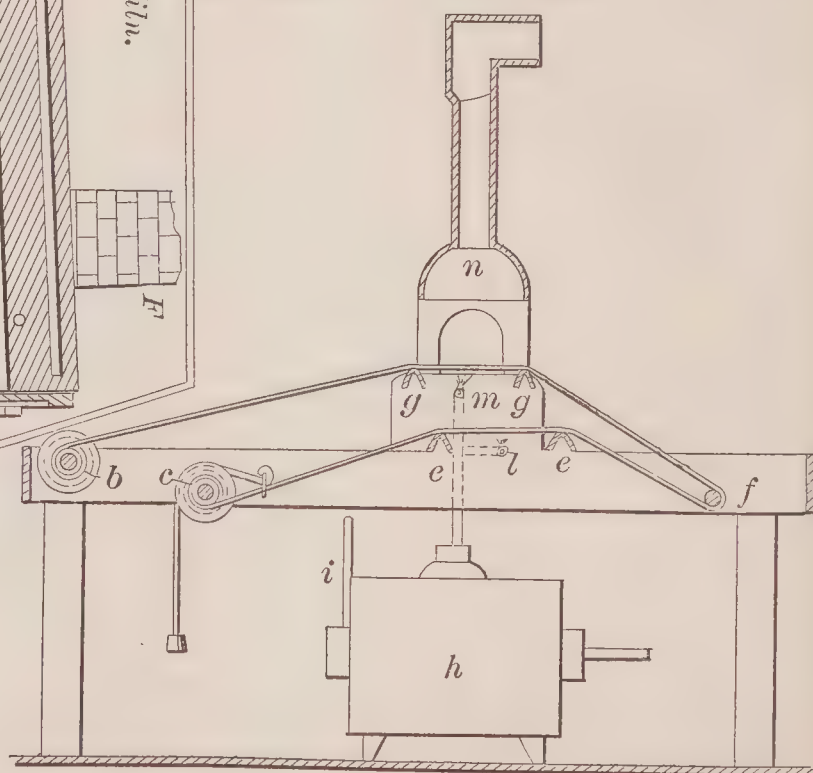
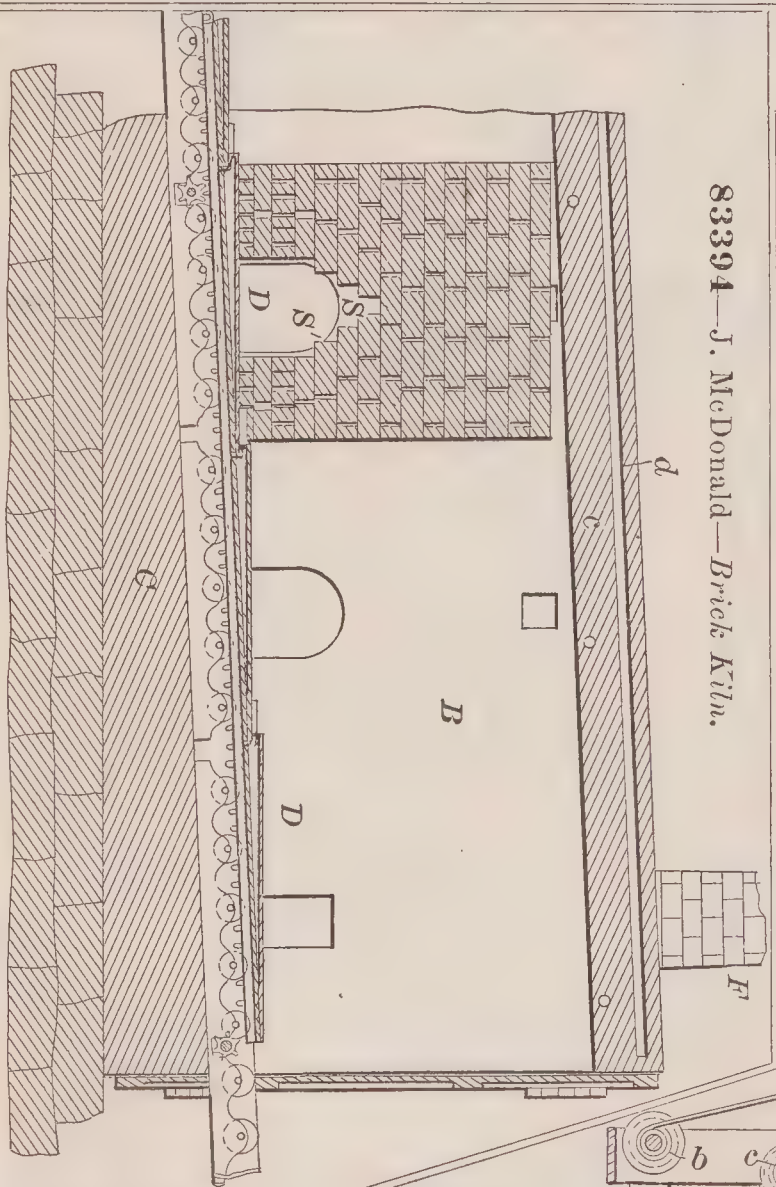
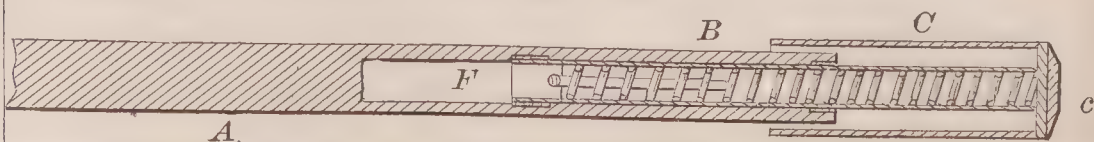
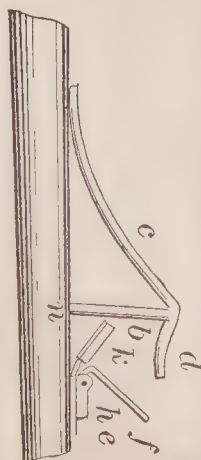
83391—M. J. Laurentz—*Lamp Chimney Cleaner.*



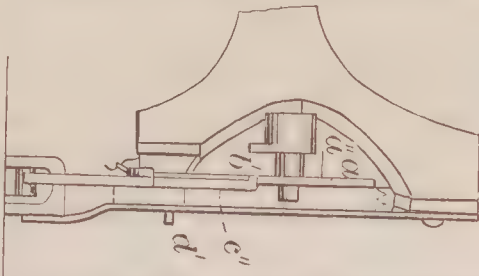
83389—T. W. Johnson—*For Making Extracts.*



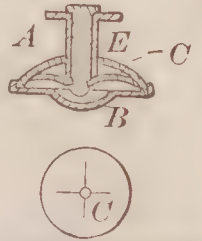


83390—D. Kidder—*Knitting Machine.*83392—S. N. Manning—*For Illustrating Spherical Trigonometry.*83396—McGowan & Fletcher—*Railway Switch Stand.*83394—J. McDonald—*Brick Kiln.*83395—McEwen & McKenzie—*Singeing Machine.*83397—J. N. McIntire—*Billiard Cue.*83400—R. Moody—*Holdback.*

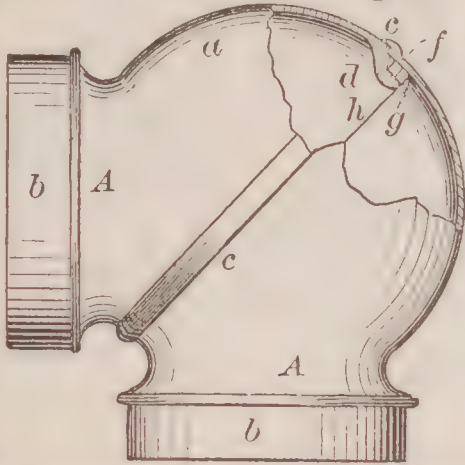
83398—M. Meyers—*Sewing Machine.*



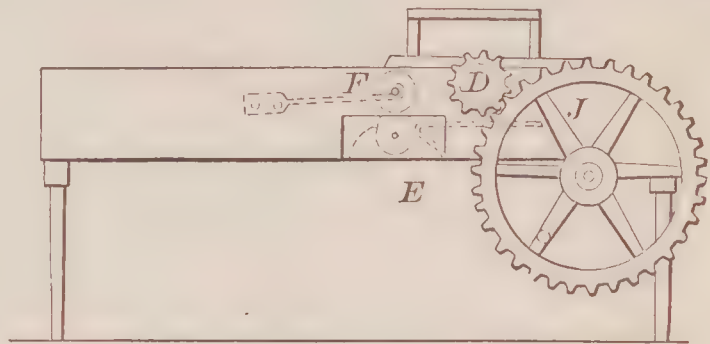
83403—C. N. Nickerson—*Button.*



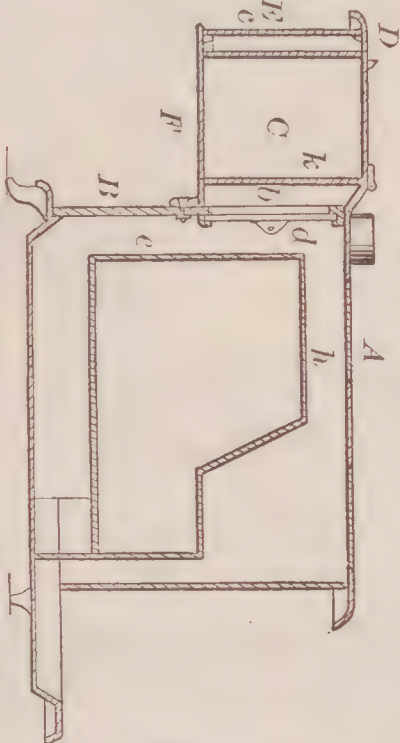
83401—H. B. Morrison—*Elbow Joint for Store Pipes.*



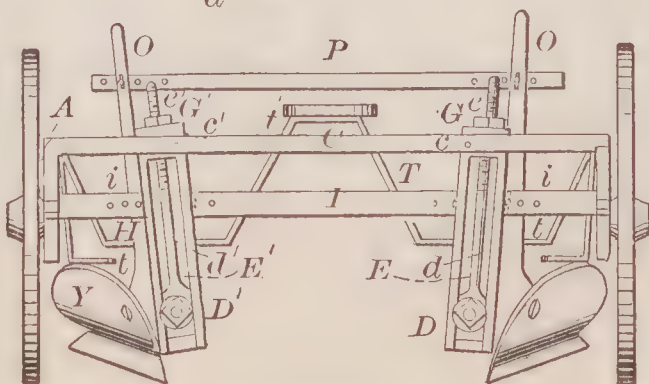
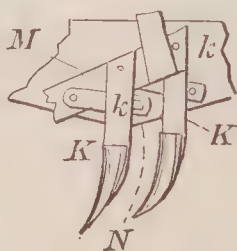
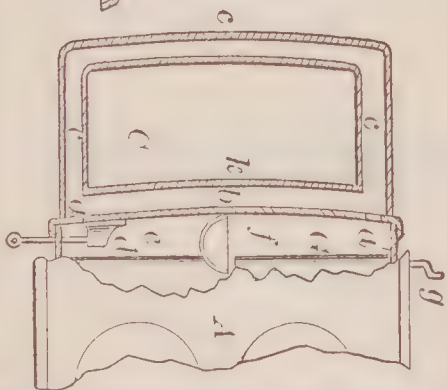
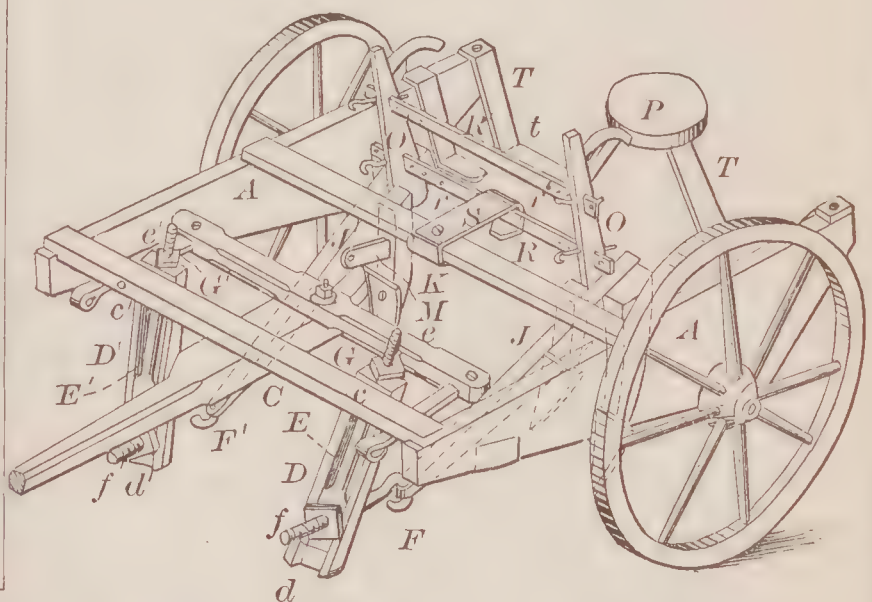
83402—Nash & Kenfield—*For Preparing Husks.*



83407—J. F. Quimby—*Store.*

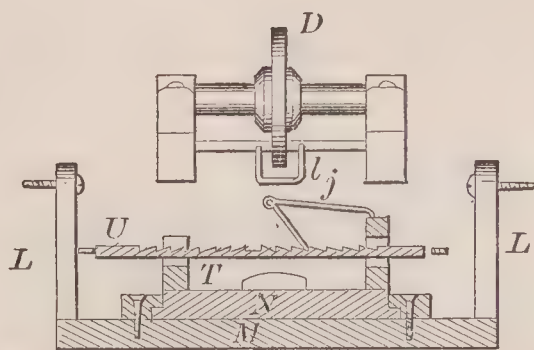
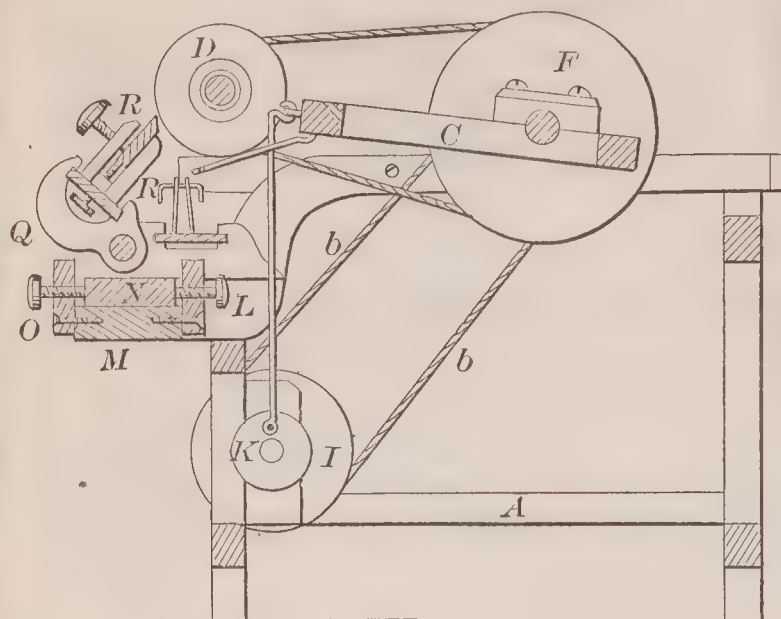


83404—Orr & Martin—*Plow and Cultivator.*

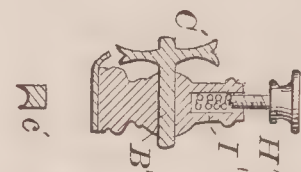
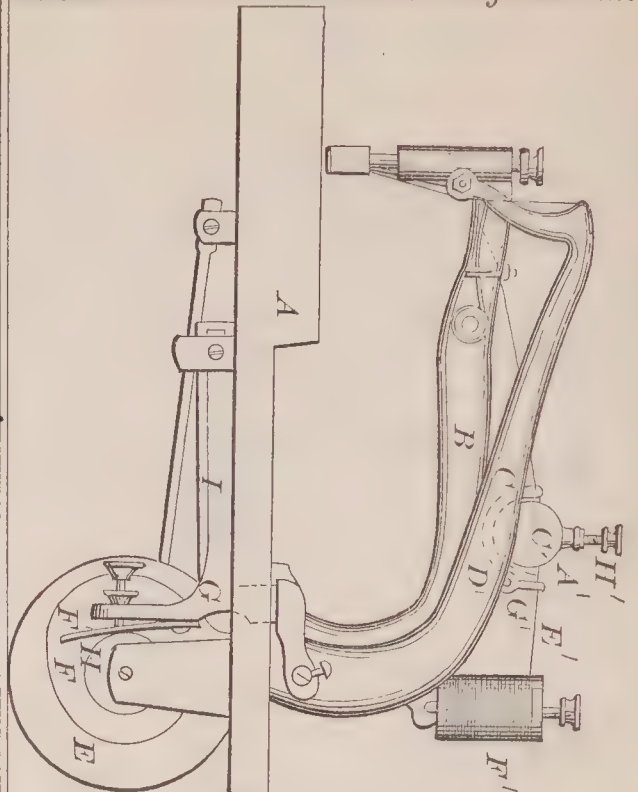




83405—J. L. Otis—Grinding Machine.

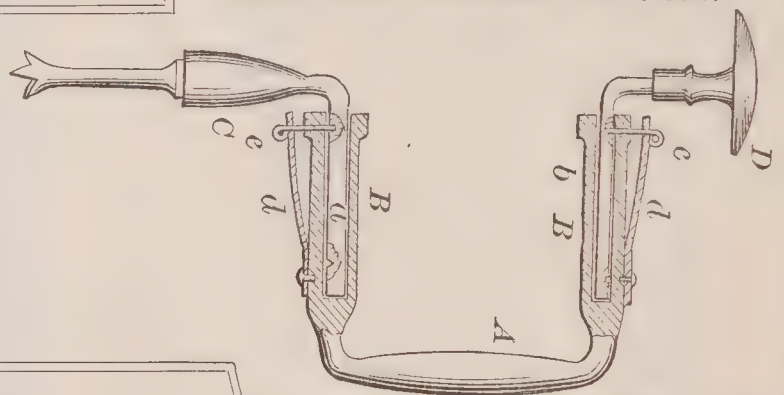
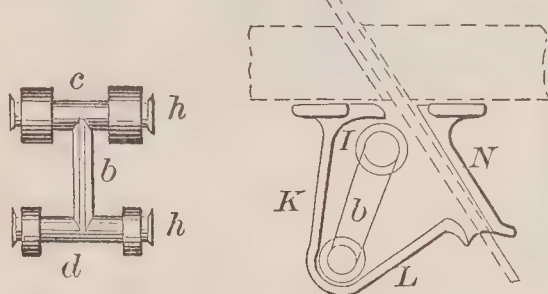


83406—D. A. Porter—Sewing Machine.

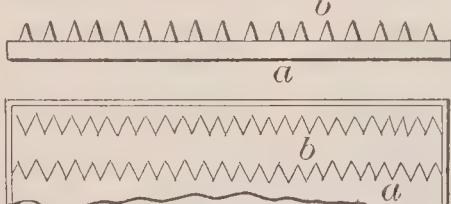


83410—G. Richards—Bit Stock.

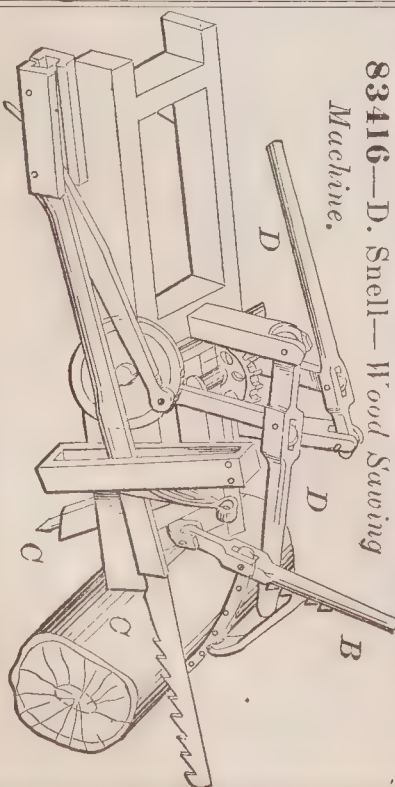
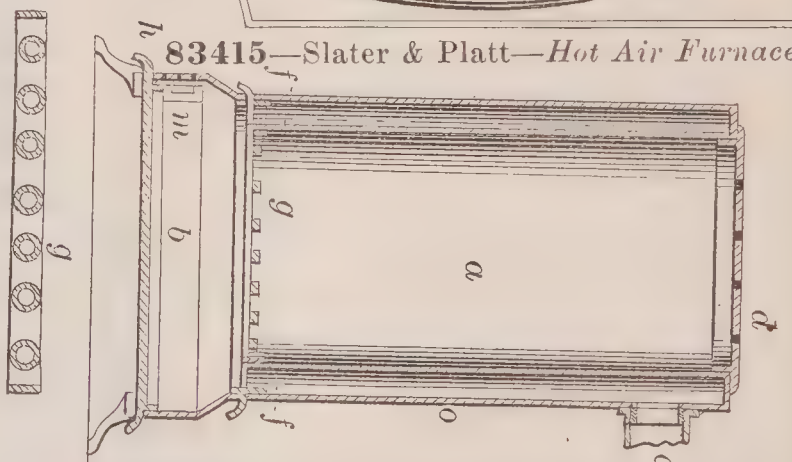
83411—P. Rodier—Stop Device.



83413—E. A. Sawyer—Dish Rack.

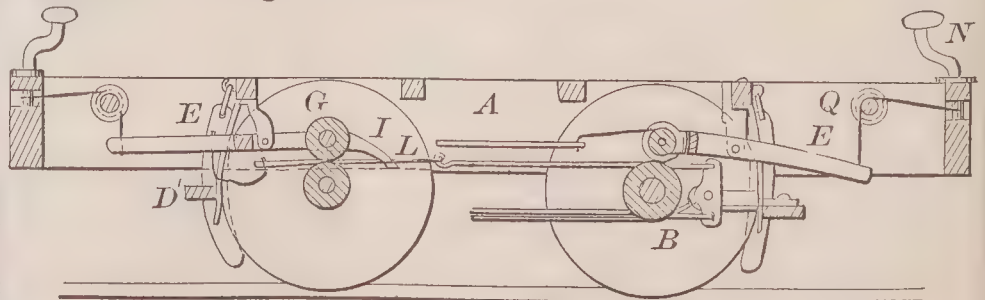


83415—Slater &amp; Platt—Hot Air Furnace.

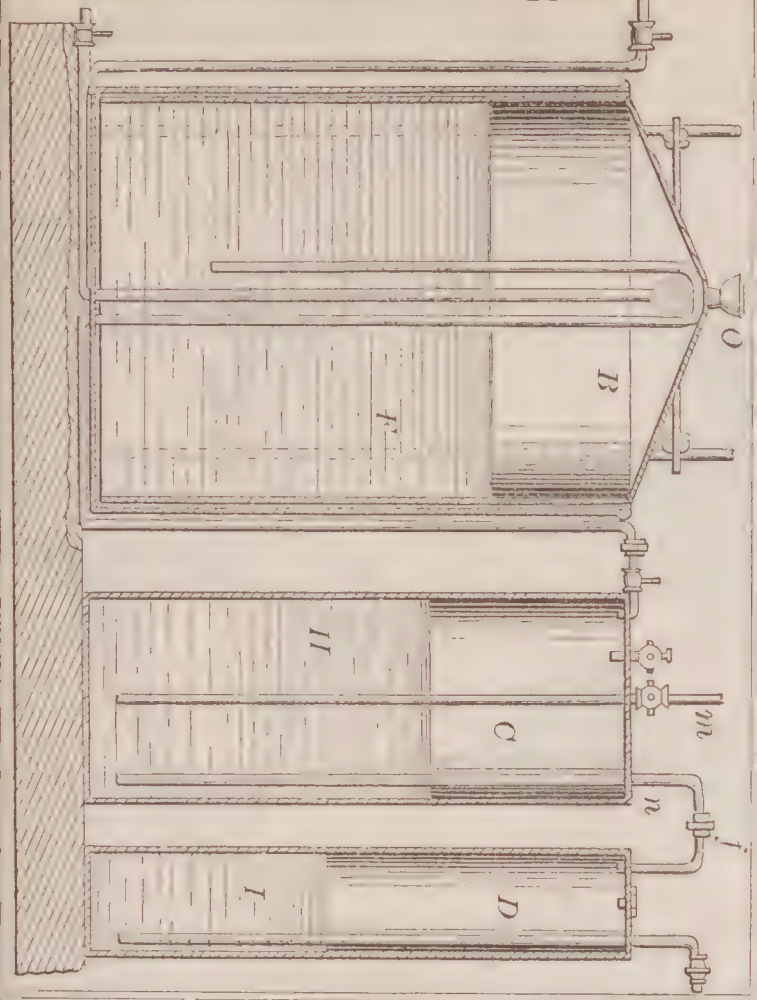


83416—D. Snell—Wood Sawing Machine.

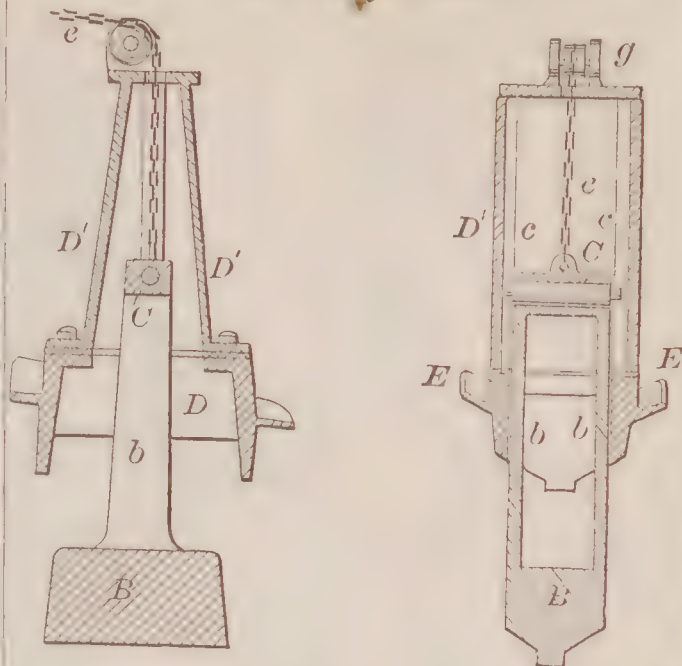
83418—J. Steger—Car Brake.



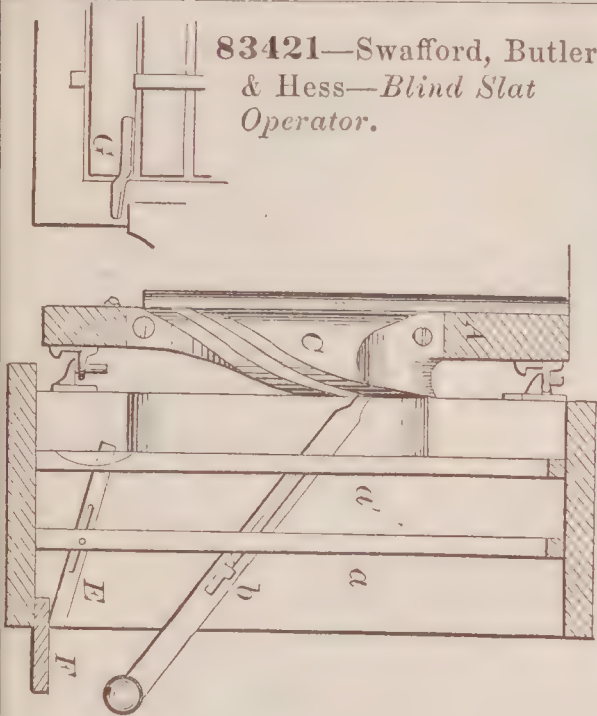
83419—M. C. Stebbins—*Gas Apparatus.*



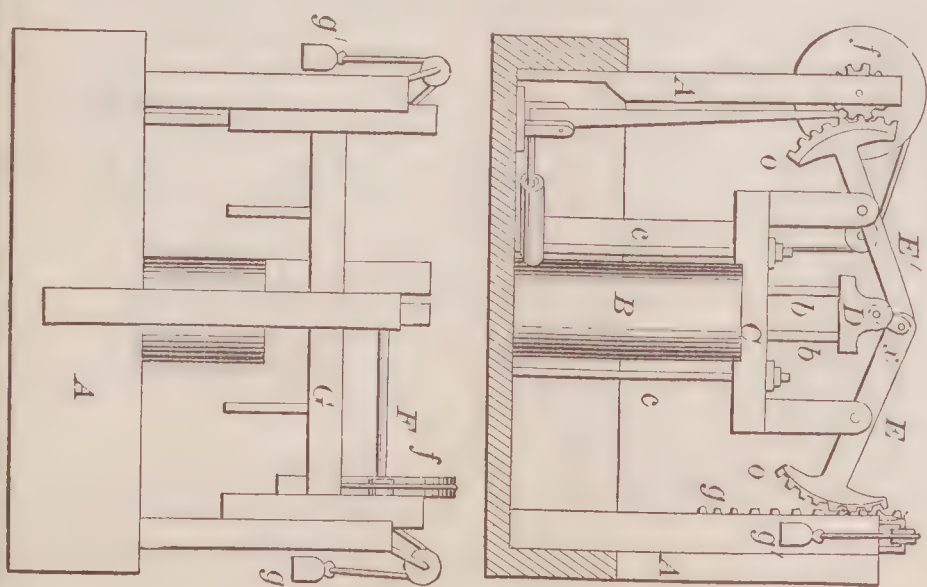
83420—Stoner, Mendelson & Crommelin—*Ballasting Vessels.*



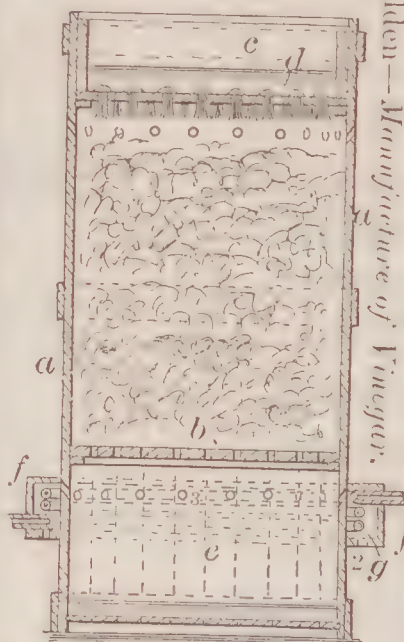
83421—Swafford, Butler & Hess—*Blind Slat Operator.*



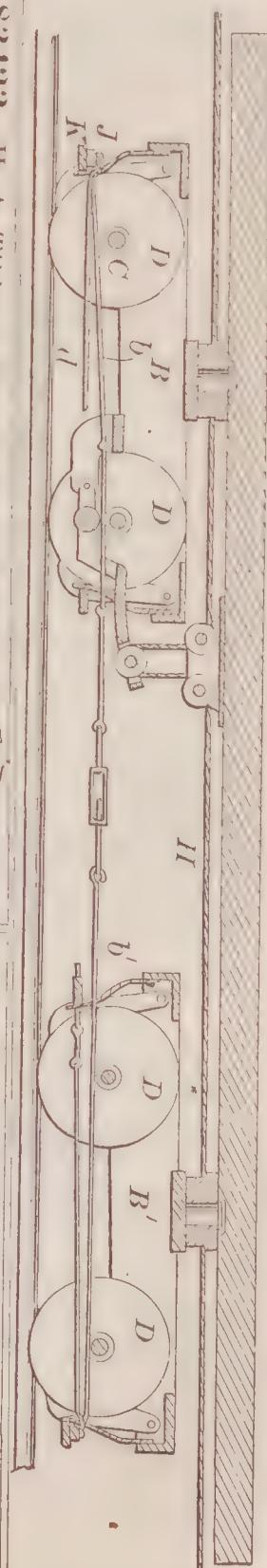
83424—J. B. Tunstall—*Hydraulic Press.*



83423—H. A. Tilden—*Manufacture of Vinegar.*

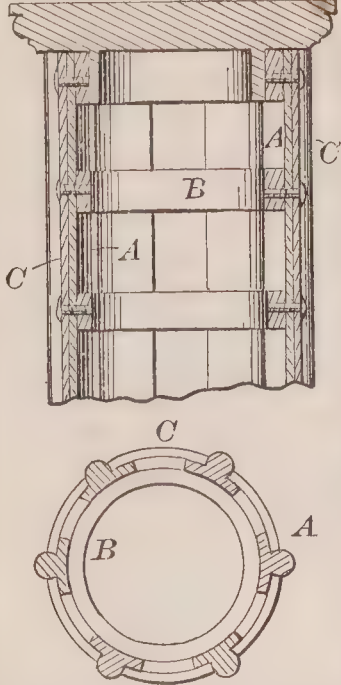


83422—Tatham & Steger—*Car Brake.*

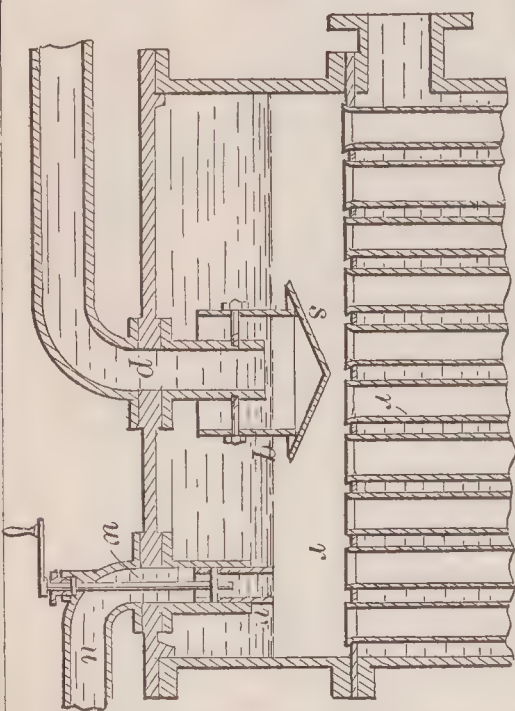
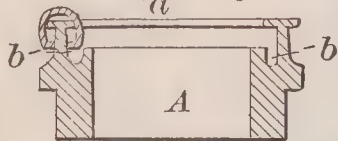




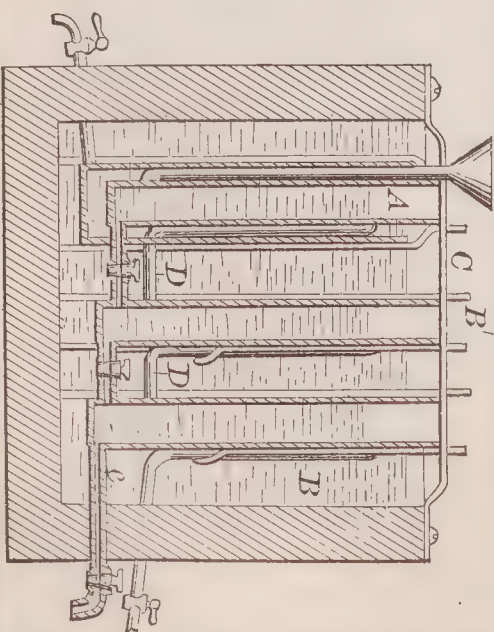
83425—Walters &amp; Shaffer—Iron Column.



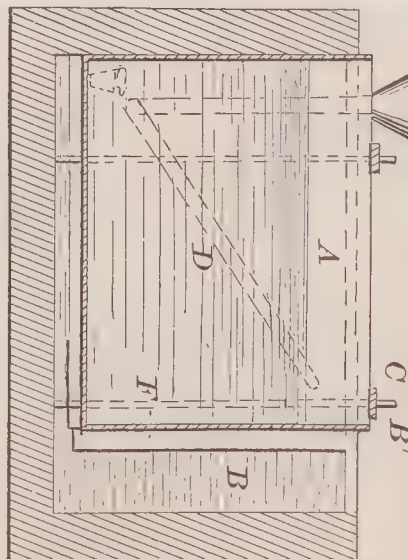
83426—J. W. Wattles—Ring for Spinning Machines.



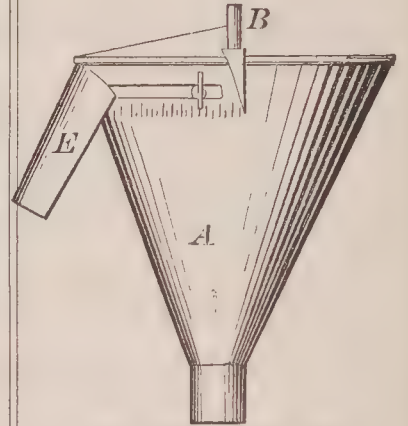
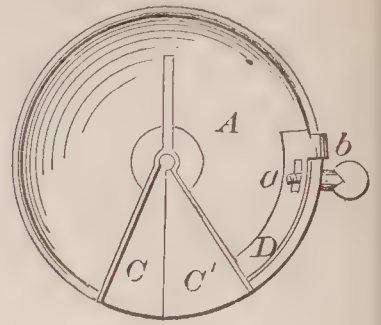
83430—W. L. &amp; T. Winans—Condenser.



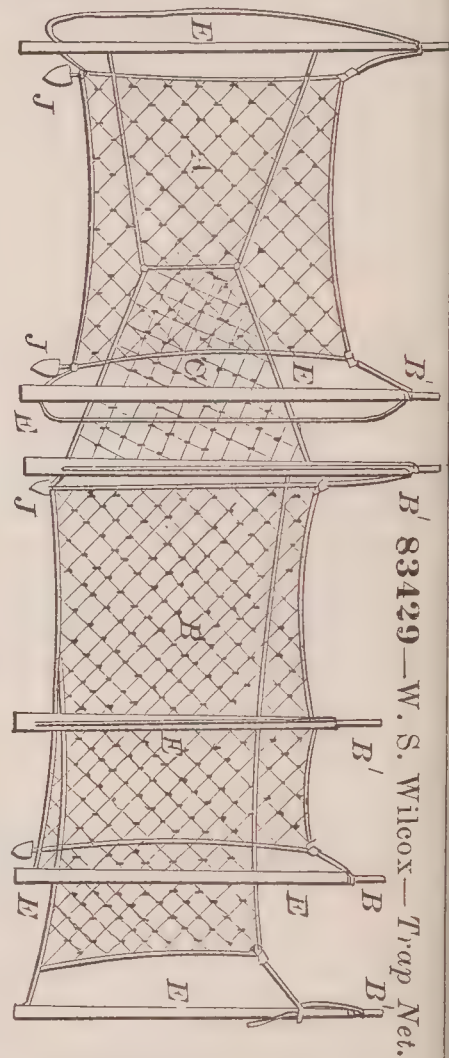
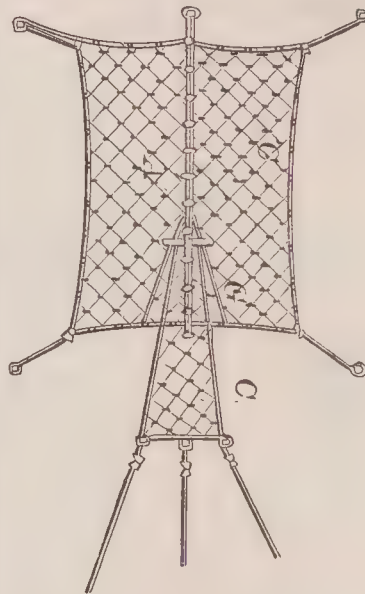
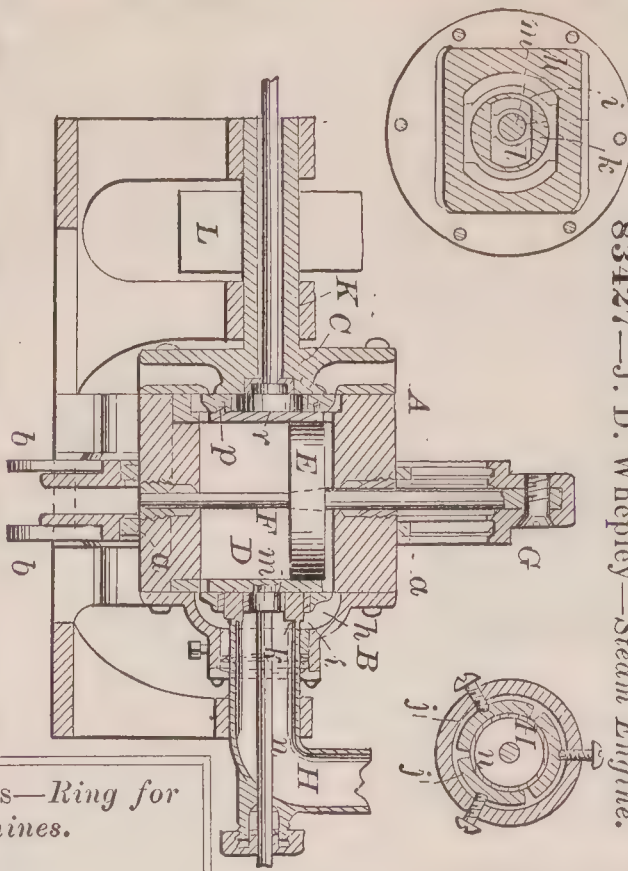
83431 G. Winter—Beer Cooler.



83428—Widger &amp; Read—For Tolling Grain.

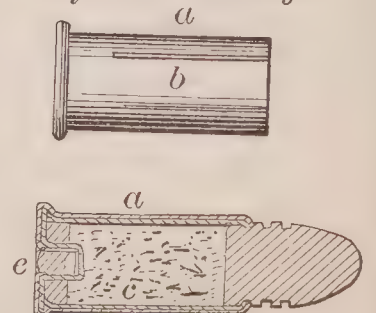


83427—J. D. Whepley—Steam Engine.

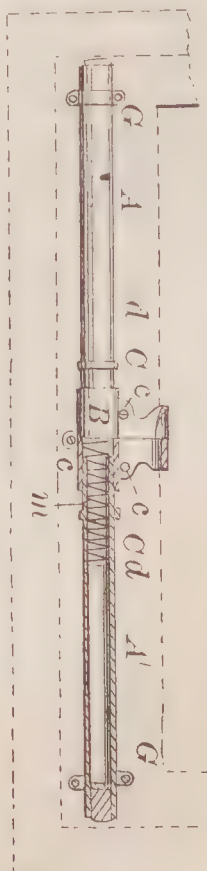
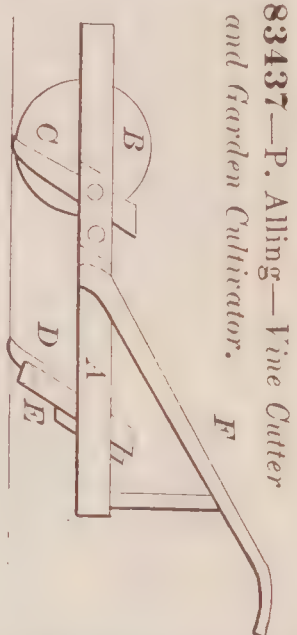
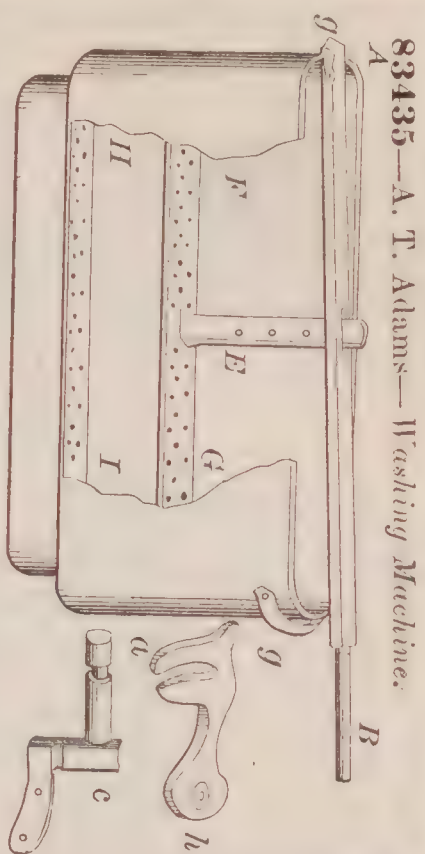


83429—W. S. Wilcox—Trap Net.

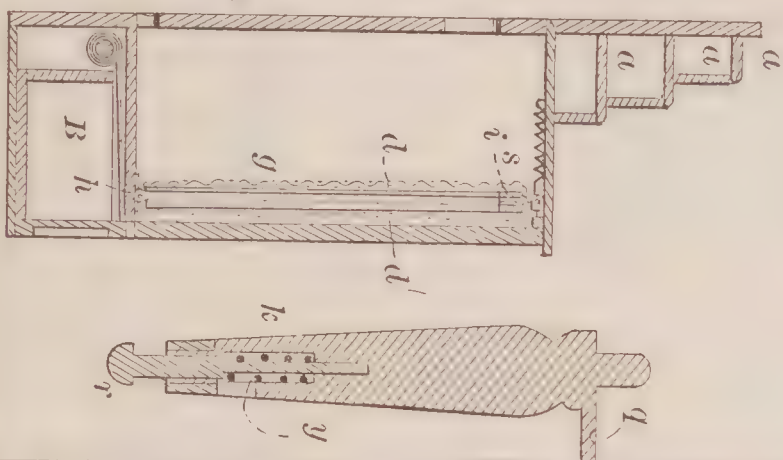
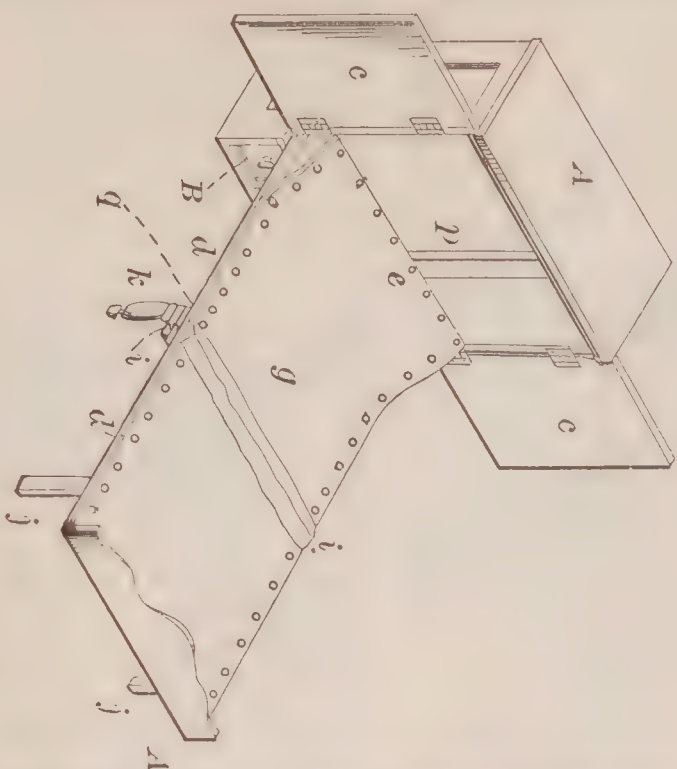
83434—Abraham &amp; Bayliss—Cartridge.



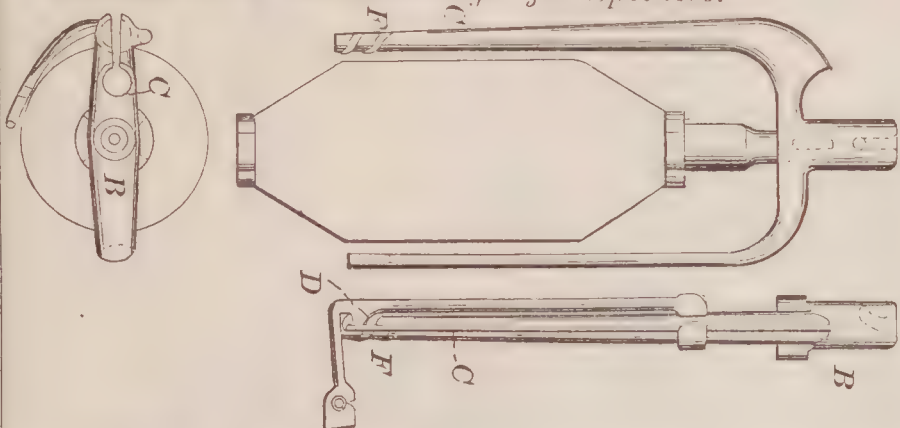




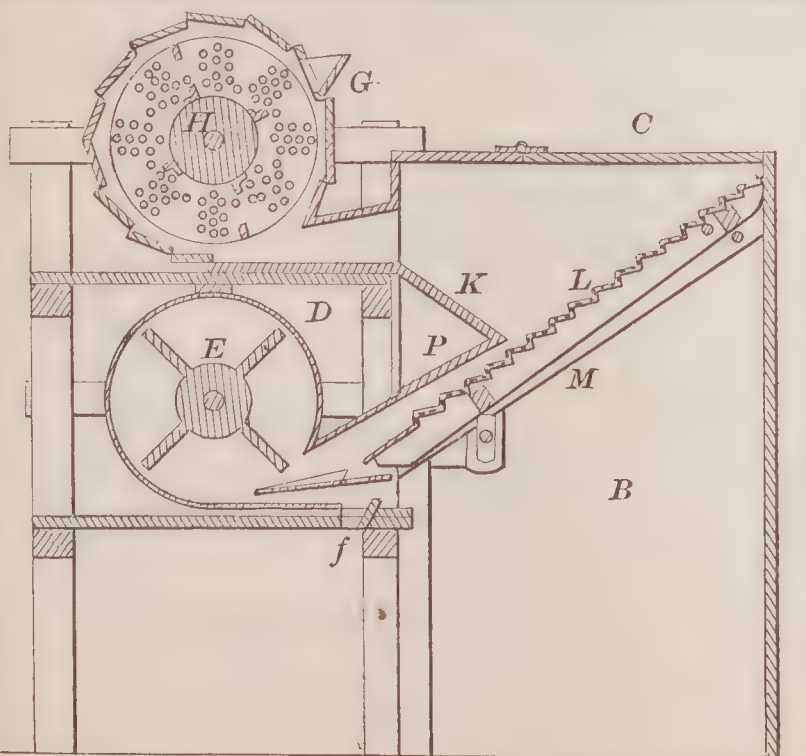
**83432**—A. A. Young—*Wardrobe Bedstead.*



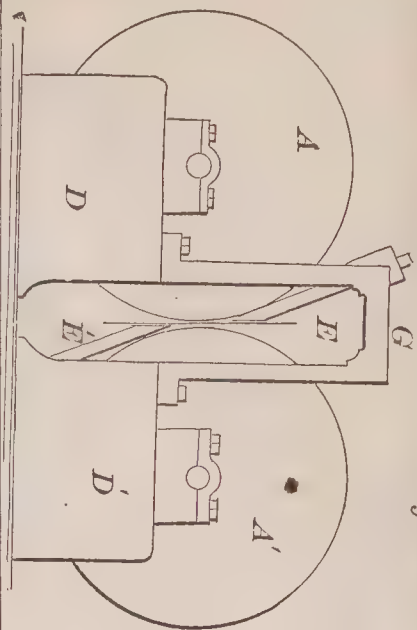
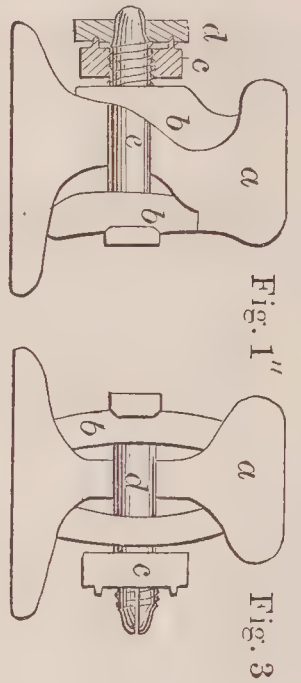
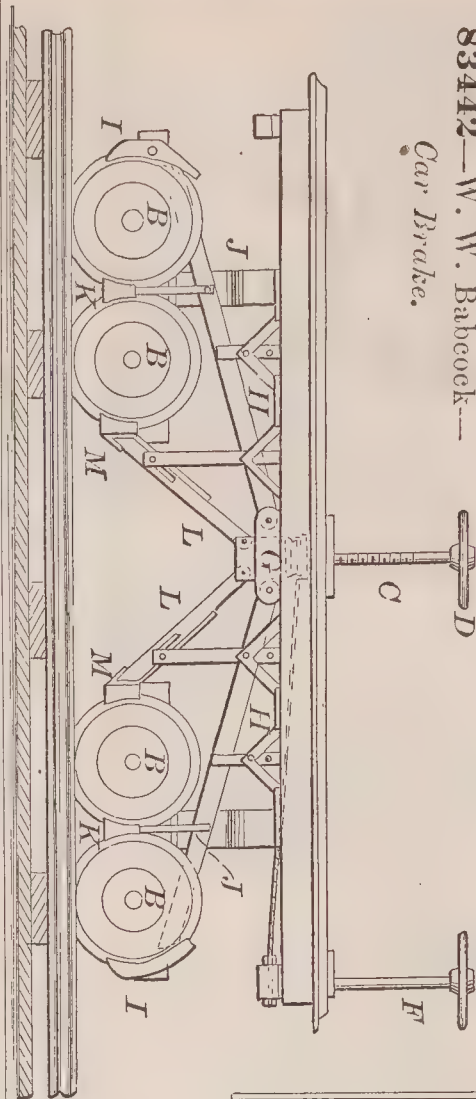
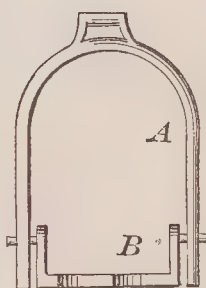
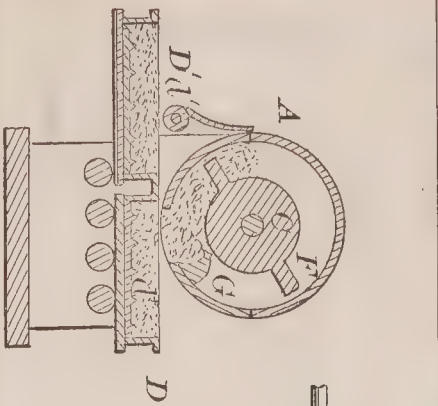
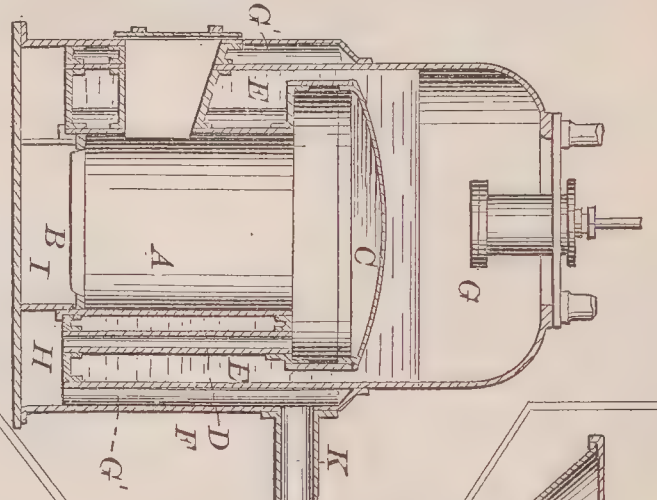
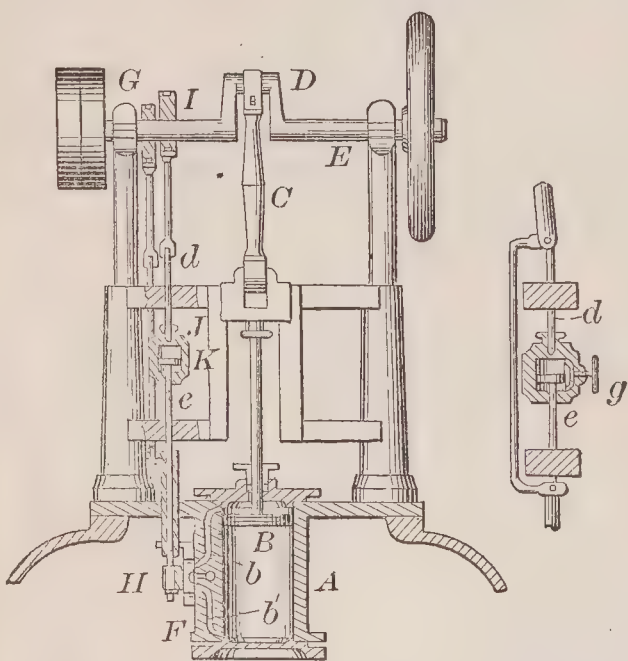
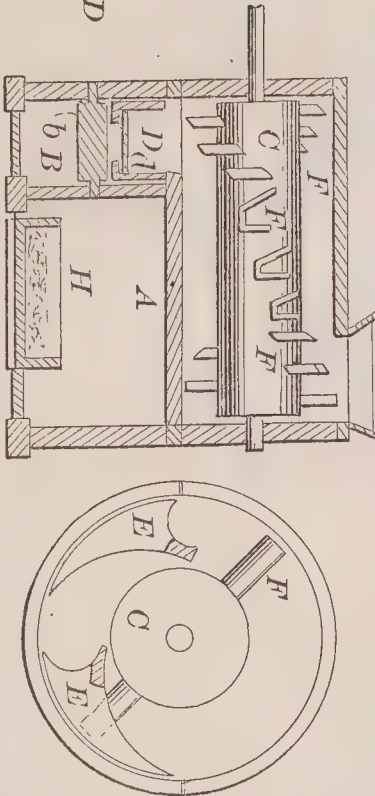
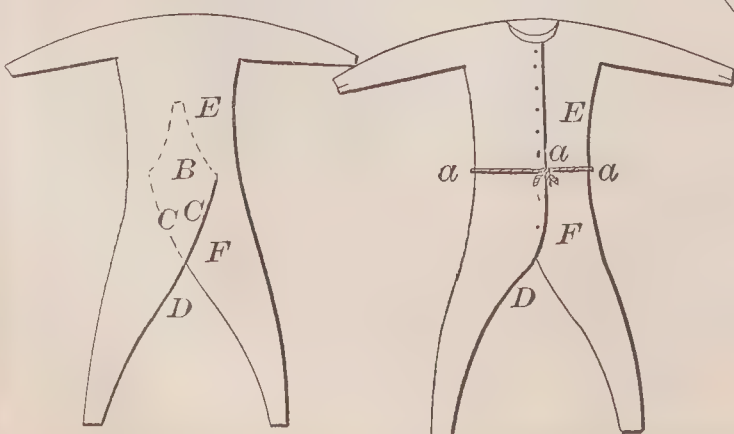
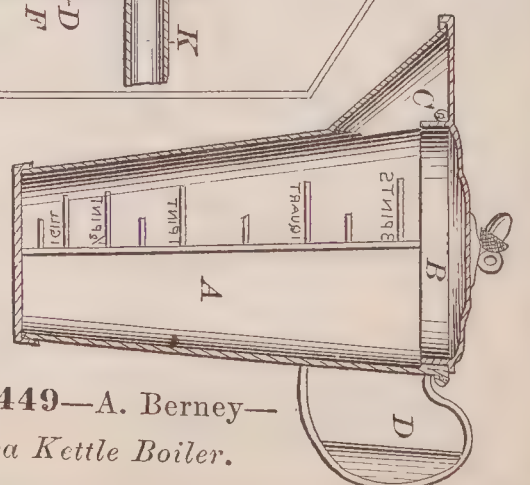
**83436**—J. H. Aldrich—*Flyer for Speeders.*



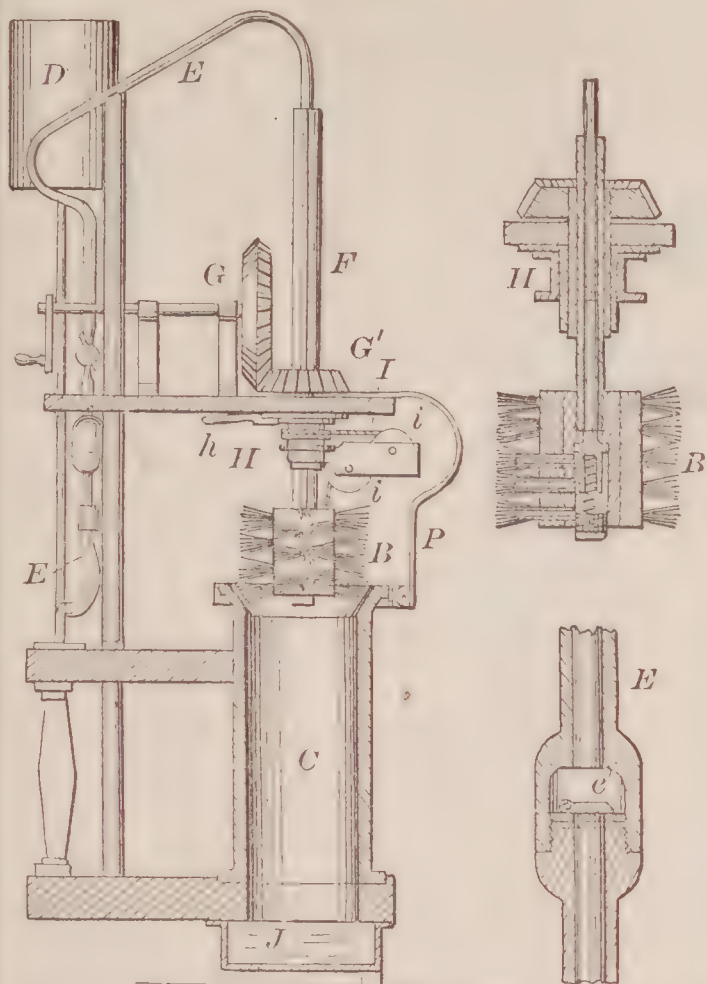
**83438**—J. E. Anderson—*Grain Cleaner.*



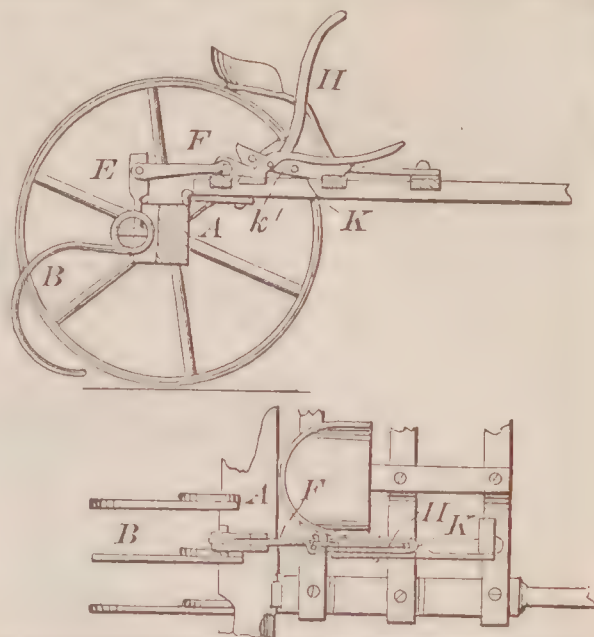


83443—J. G. Baker—*Saw Grinding Machine.*83446—S. A. Beers—*Railroad Rail Splice.*83442—W. W. Babcock—*Car Brake.*83450—J. Bond—*Stirrup.*83445—W. Baxter—*Steam Generator.*83441—N. Aubin—*Peat Machine.*83444—W. Baxter—*Steam Engine Valve.*83447—E. S. Bennett—*Shirt and Drawers.*83449—A. Berney—*Tea Kettle Boiler.*

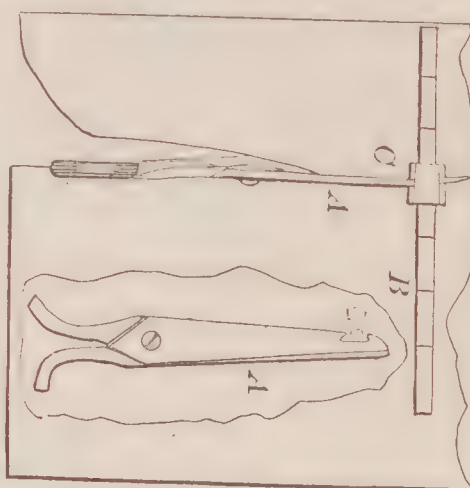
83448—B. S. Benson—*Mould Blacking Machine.*



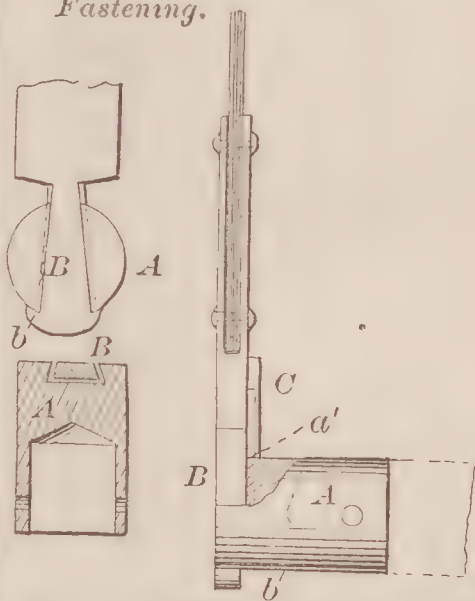
83452—S. C. Brinser—*Horse Rake.*



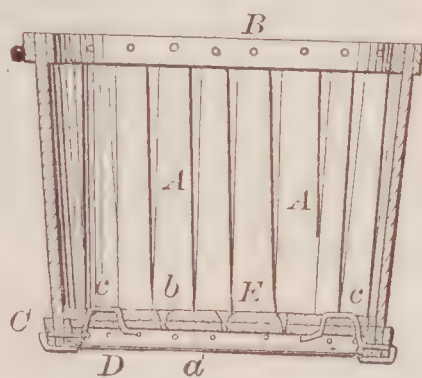
83453—S. H. Brisbane—*Scissors.*



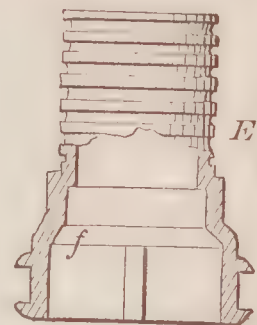
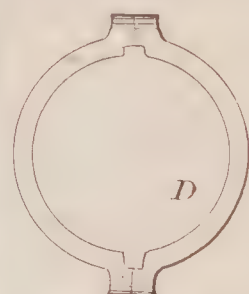
83454—J. Brown—*Trace Fastening.*



83459—H. Carpenter—*Basket.*



83455—Bull & Shelley—*Hose Coupling.*



83456—F. L. Cagwin—*Spading Plow.*

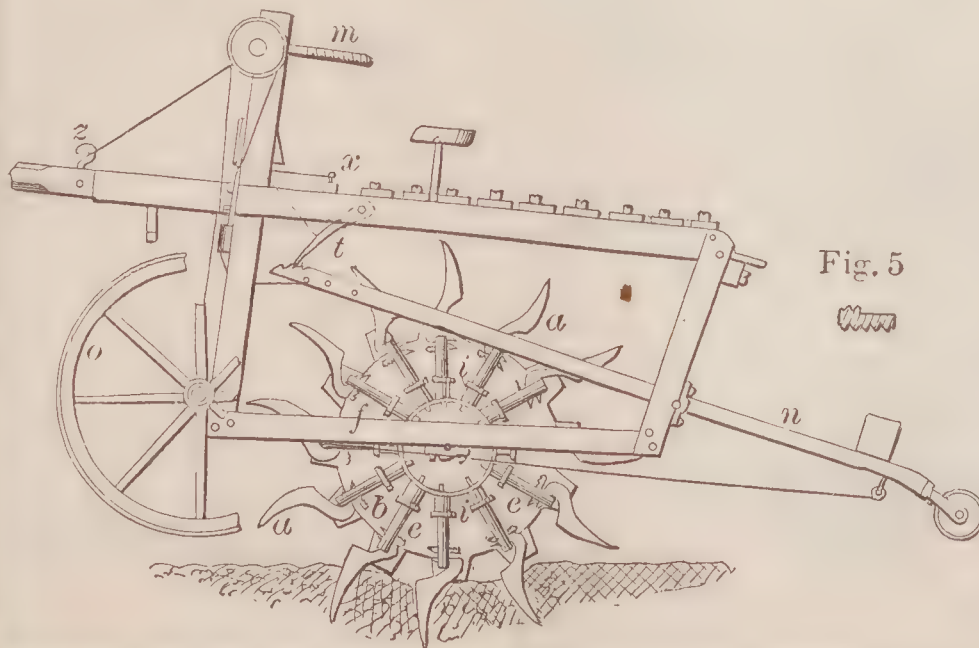
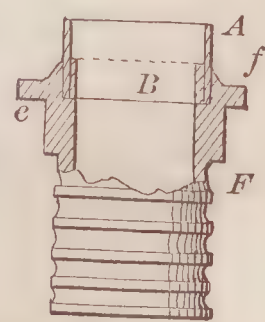
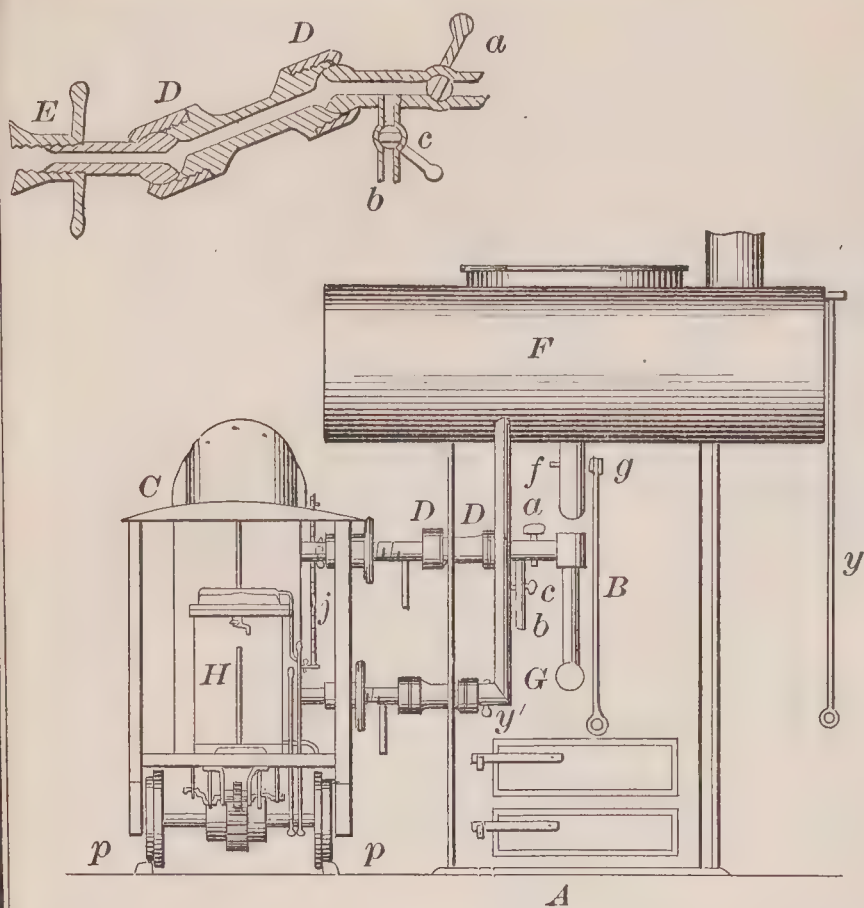
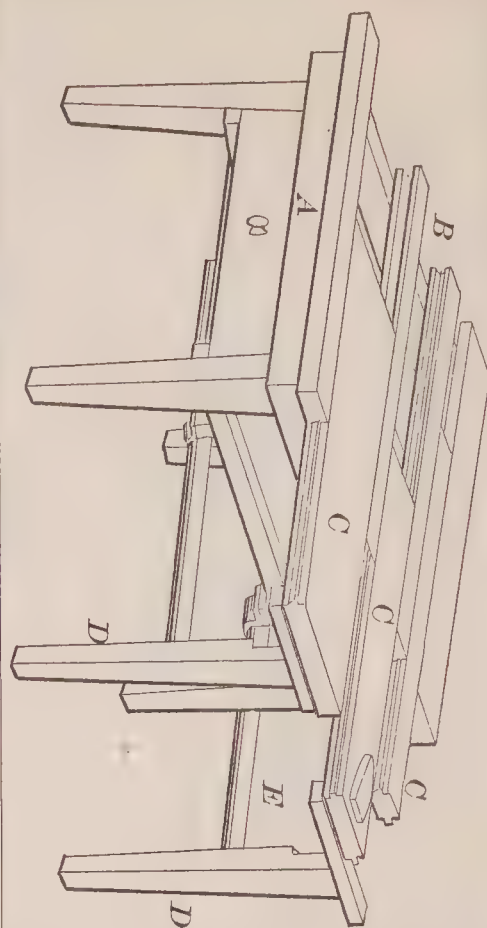
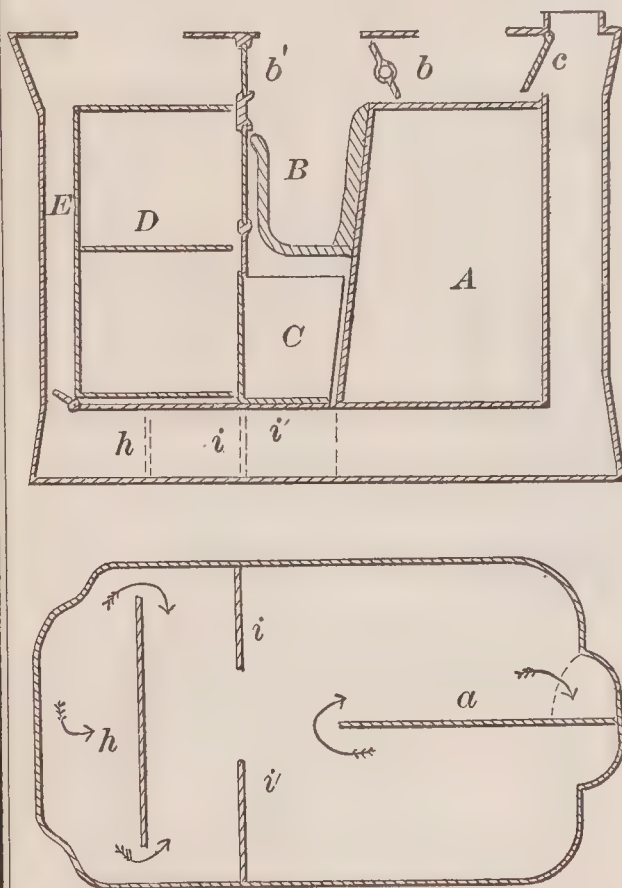
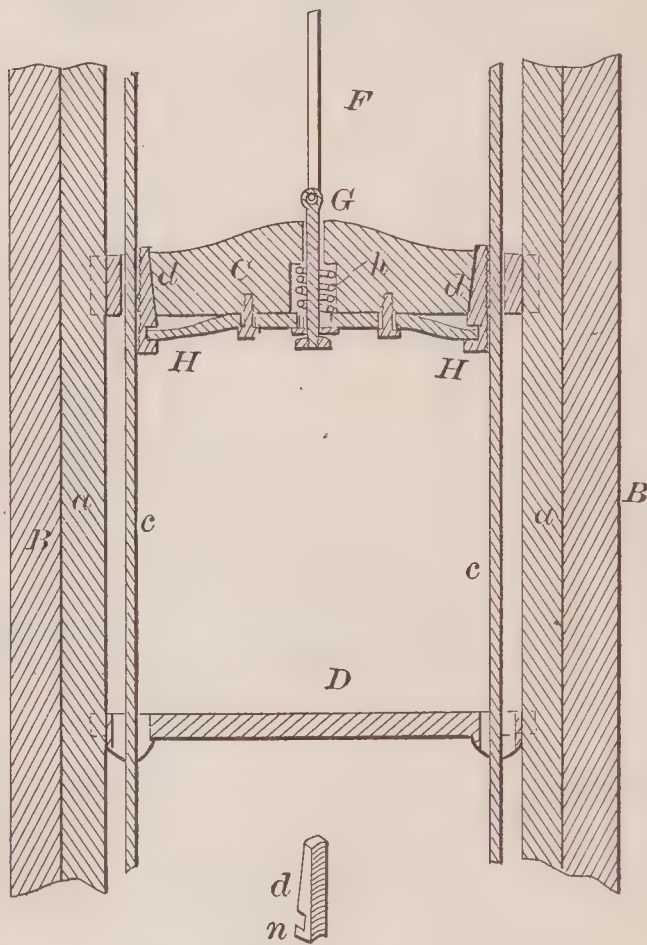
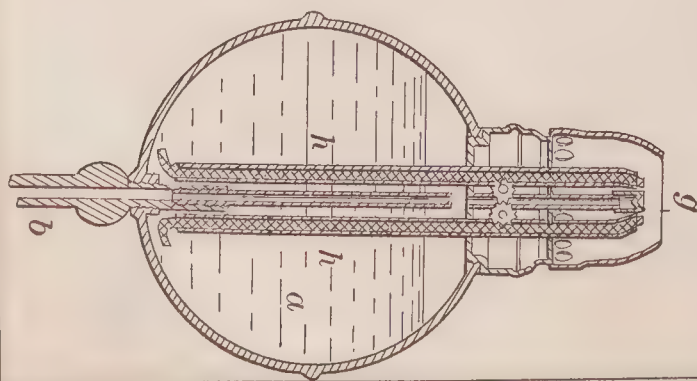
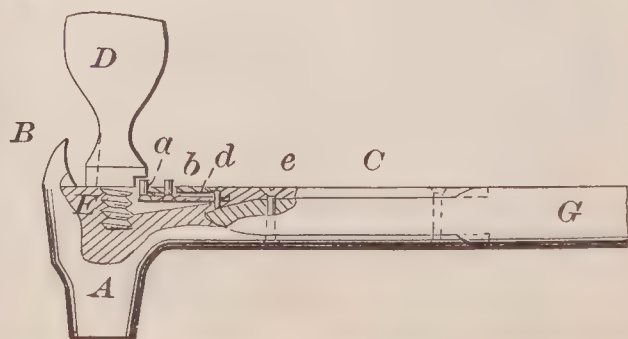


Fig. 5

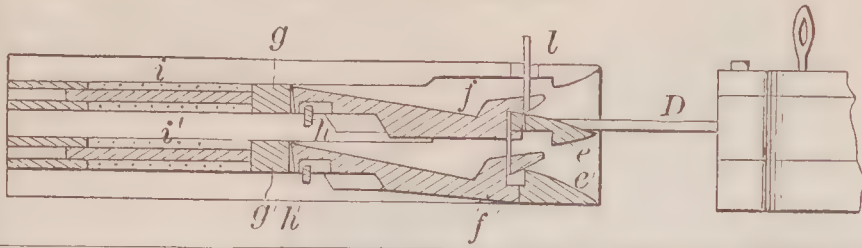
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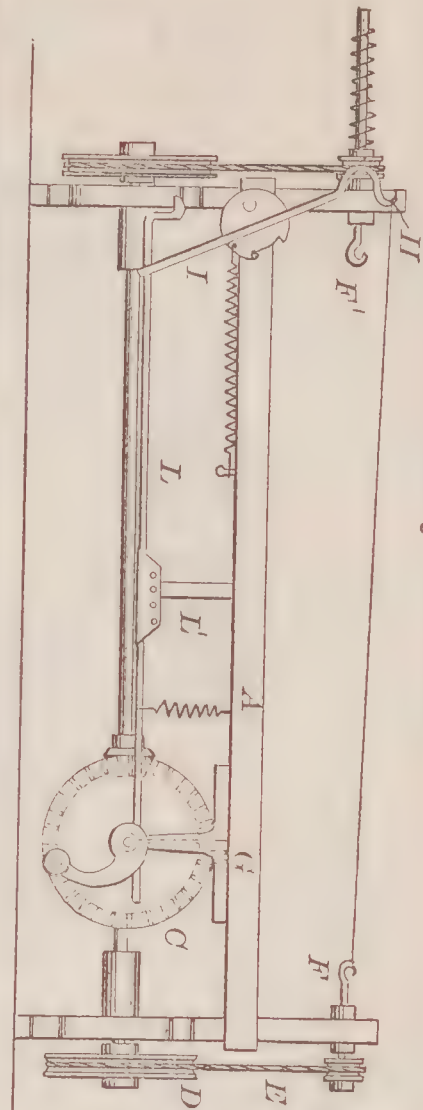


83457—C. W. Cahoon—*Steam Generator.*83460—P. P. Carroll—*Ironing Table.*83458—E. Card—*Cooking Stove.*83461—D. H. Chamberlain—*Elevator.*83462—T. Clough—*Lamp.*83463—T. S. Coffin—*Hammer.*

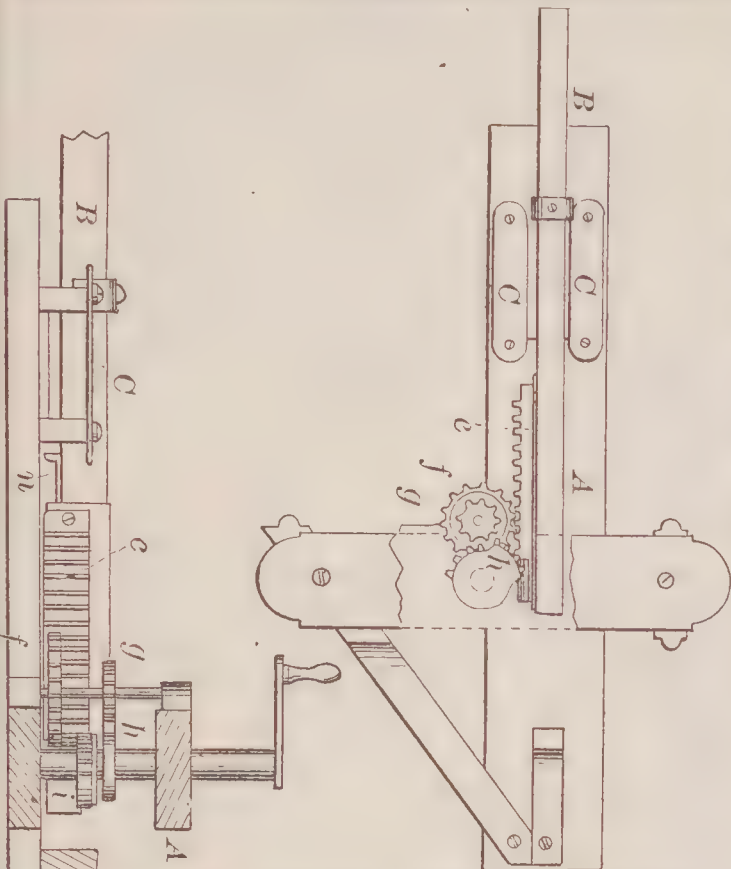
83464—F. Coffrin—*Car Coupling.*



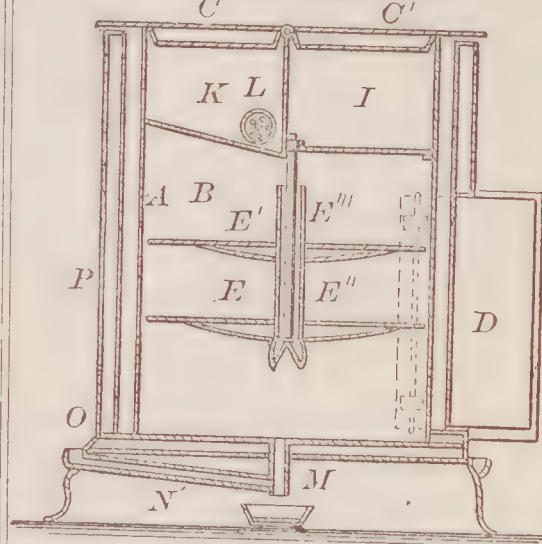
83465—J. Collier—*For Twisting Jack Bands.*



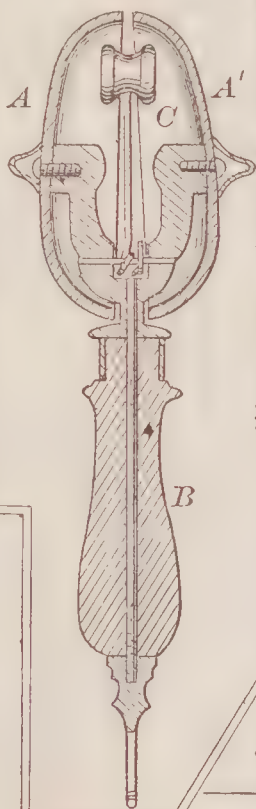
83466—W. S. Colwell—*Stave Machine.*



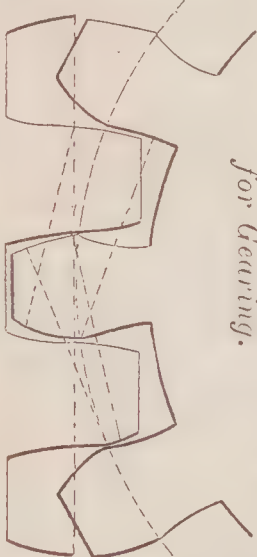
83467—Comstock & Cherry—*Refrigerator and Cooler.*



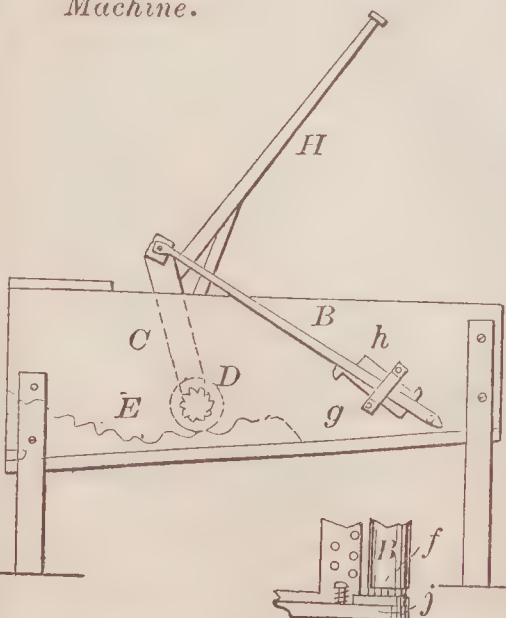
83468—E. G. Cone—*Cull Bell.*



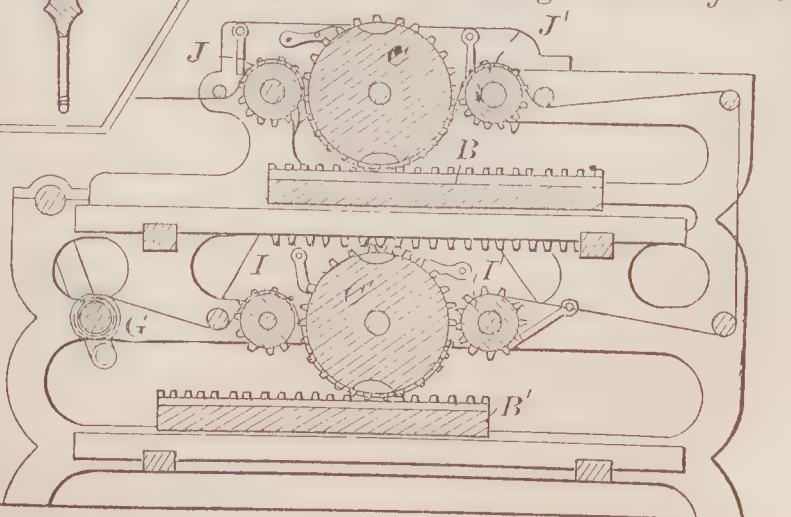
83469—H. I. Crandall—*Cog Wheel for Gearing.*



83473—J. Dare—*Washing Machine.*

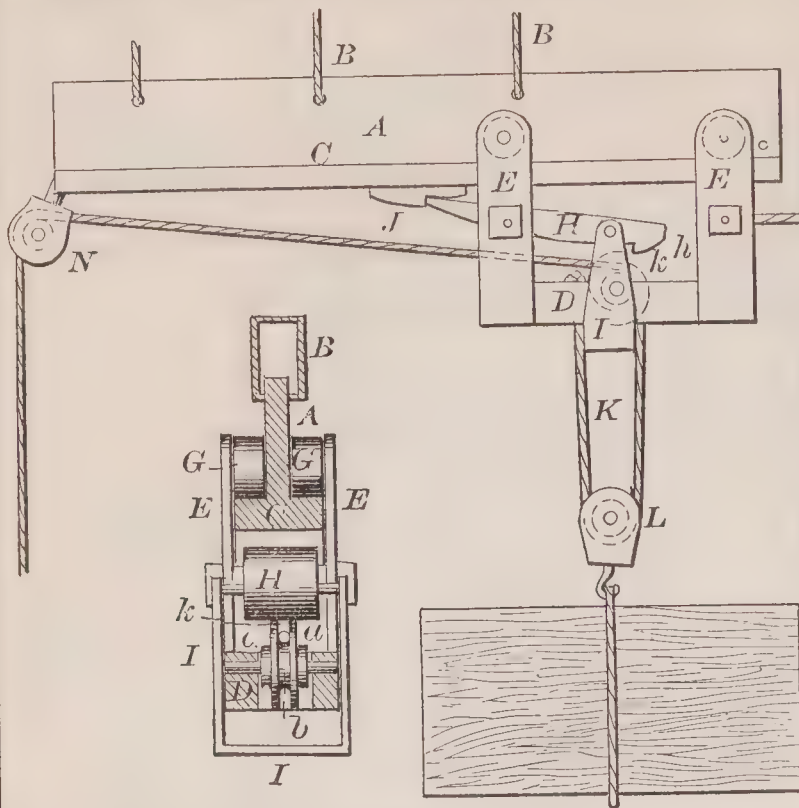


83471—R. Cummings—*Printing Press.*

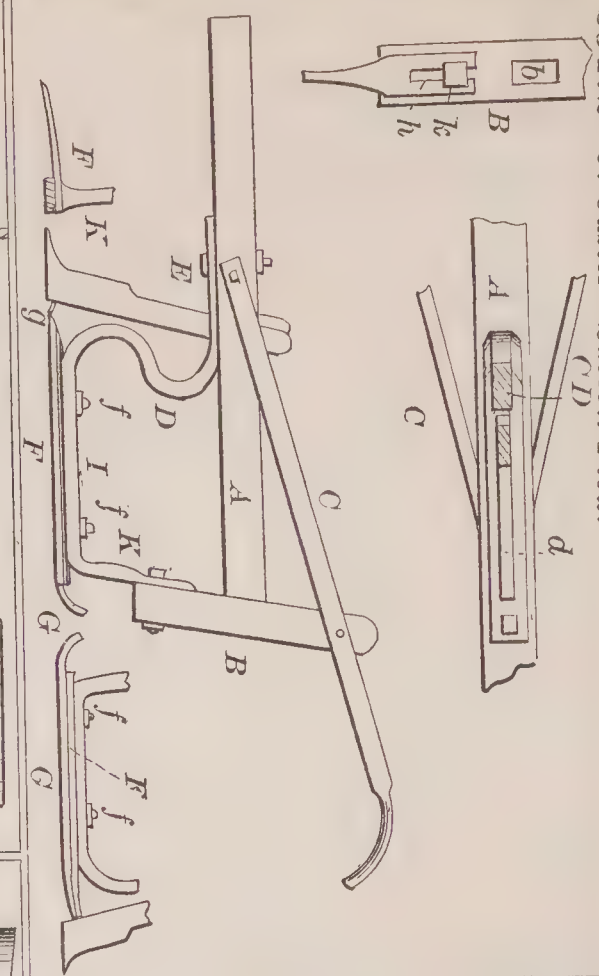




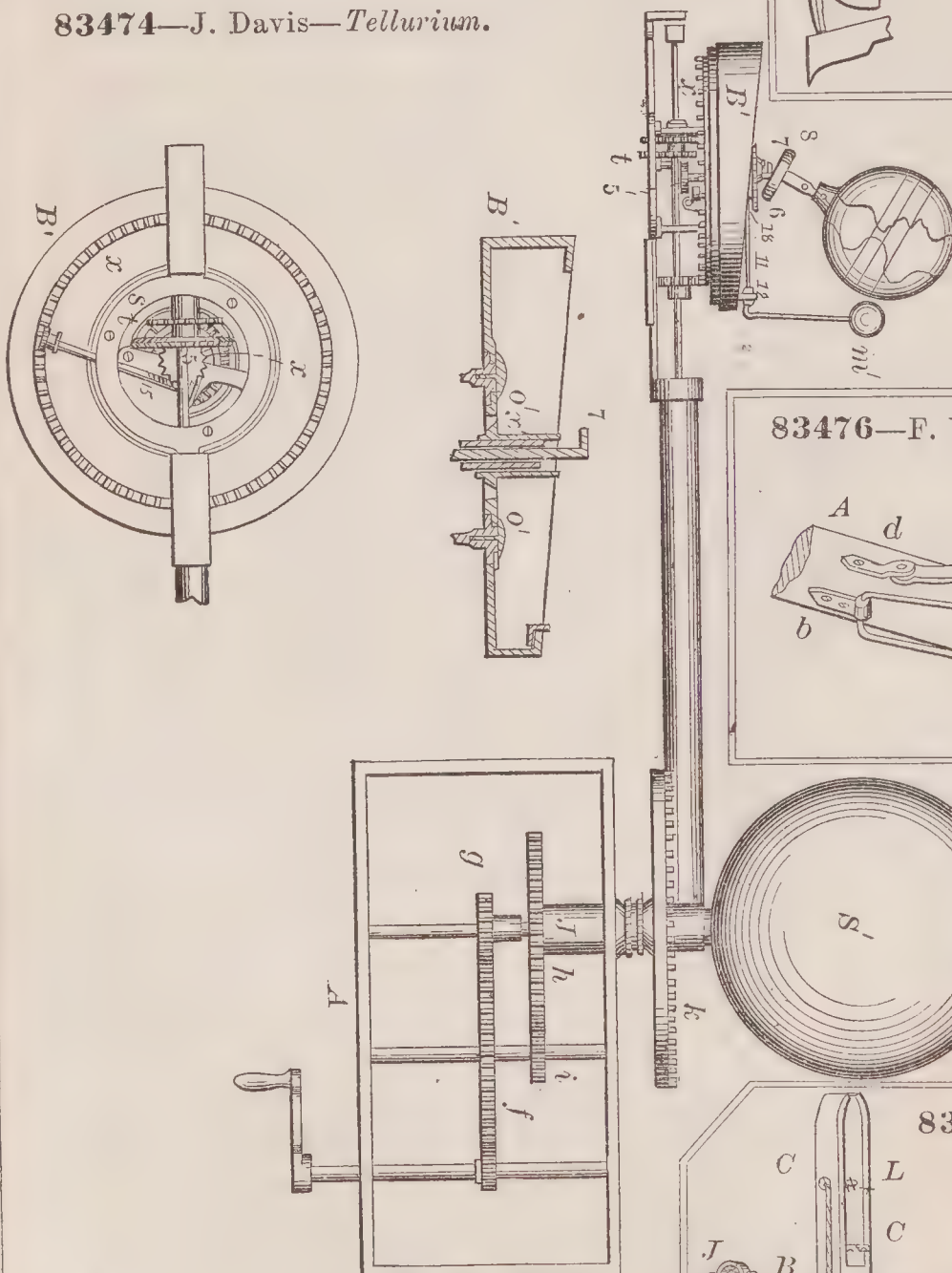
83470—F. A. Crane—Hay Elevator.



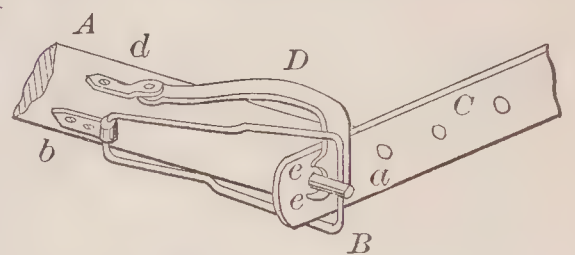
83472—J. Custer—Subsoil Plow.



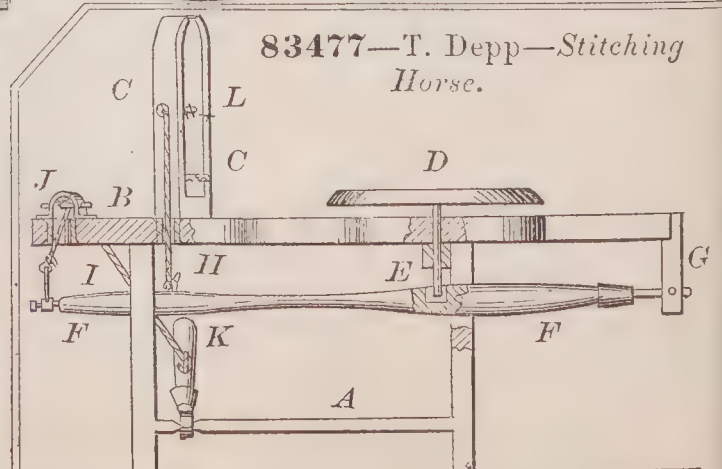
83474—J. Davis—Tellurium.



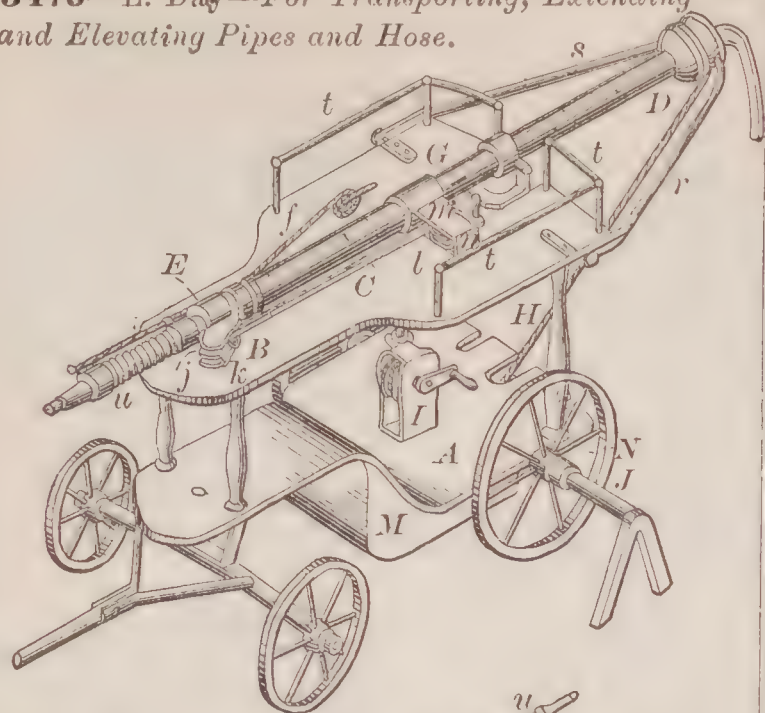
83476—F. W. Dean—Trace Fastener.



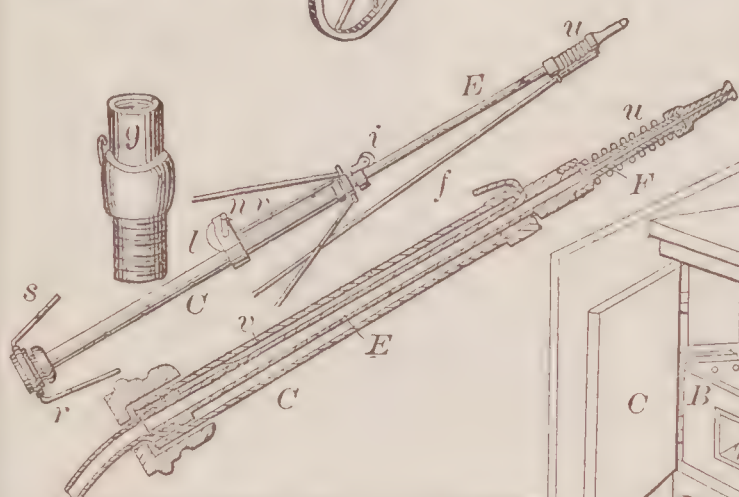
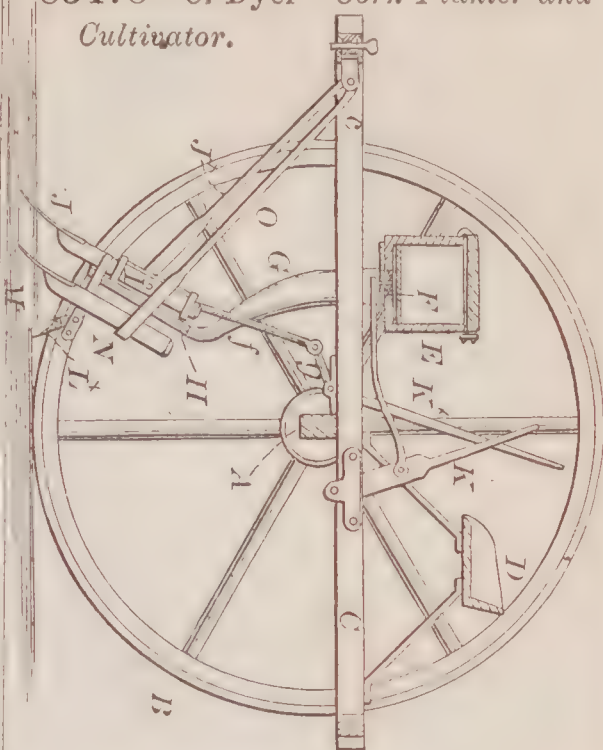
83477—T. Depp—Stitching Horse.



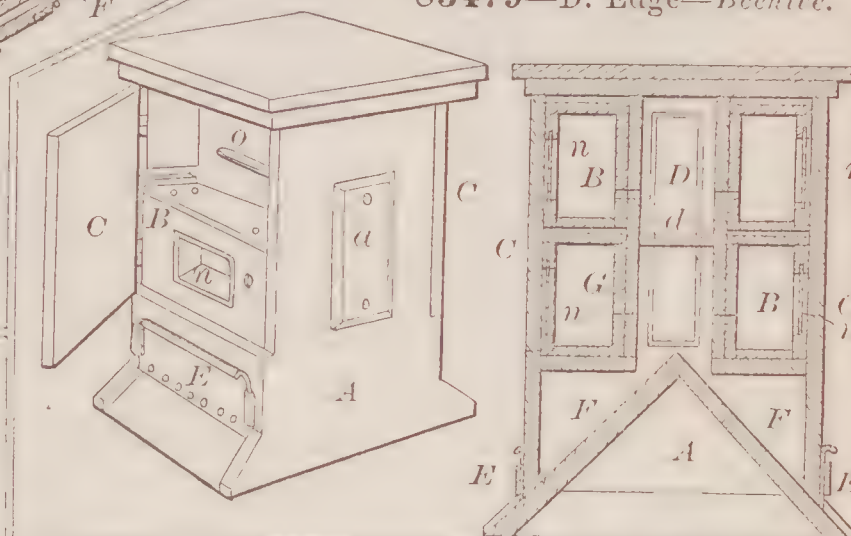
83475—L. Day—For Transporting, Extending and Elevating Pipes and Hose.



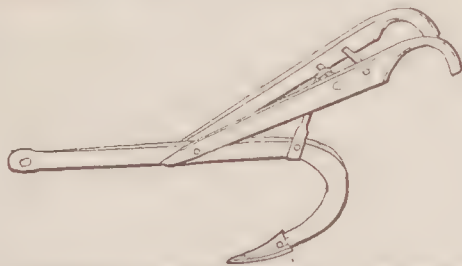
83478—C. Dyer—Corn Planter and Cultivator.



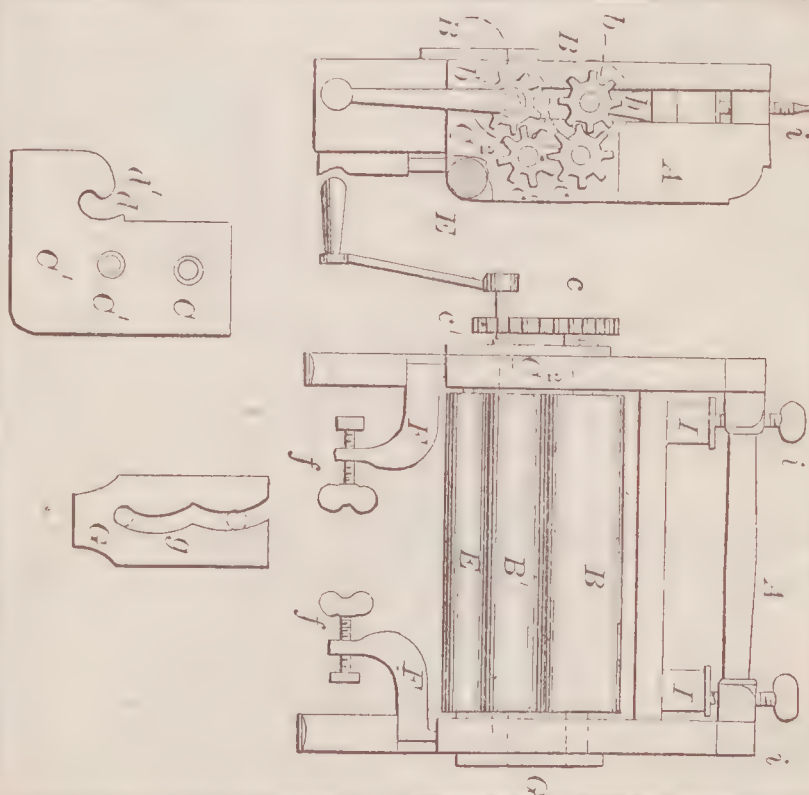
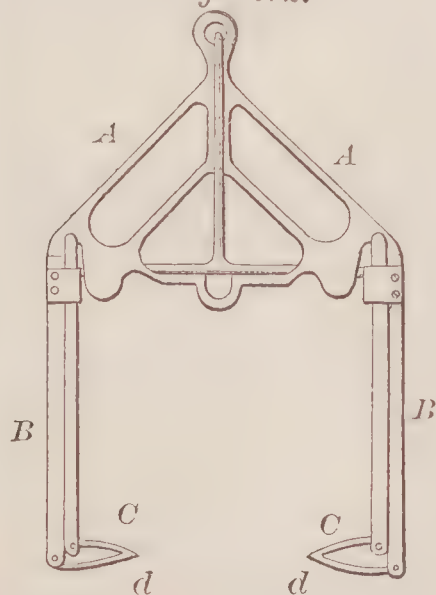
83479—D. Edge—Beehive.



83481—W. B. Evans—Plow.

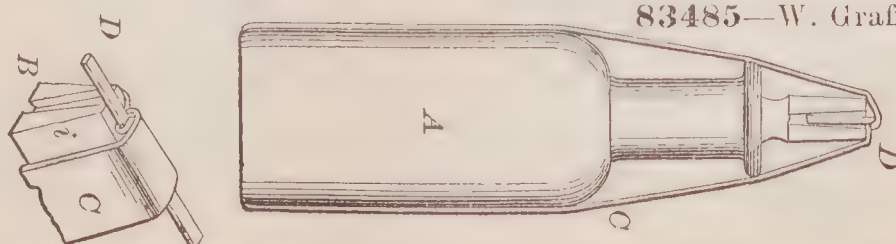


83482—J. Gilmore—Horse Hay Fork.

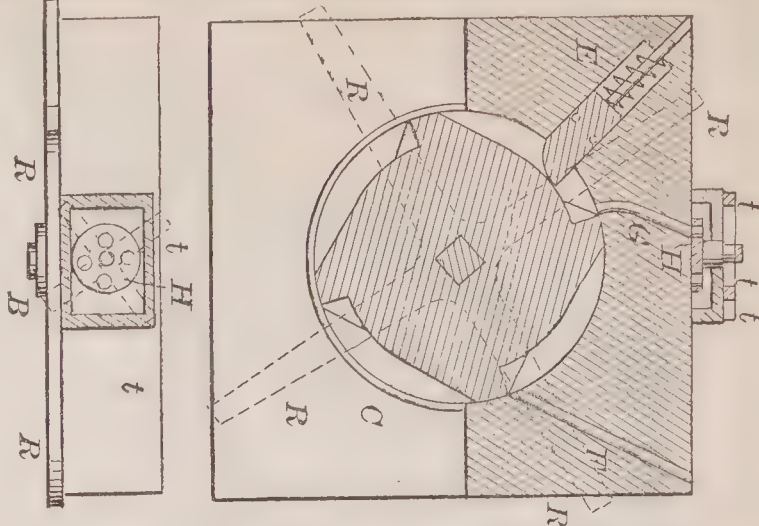
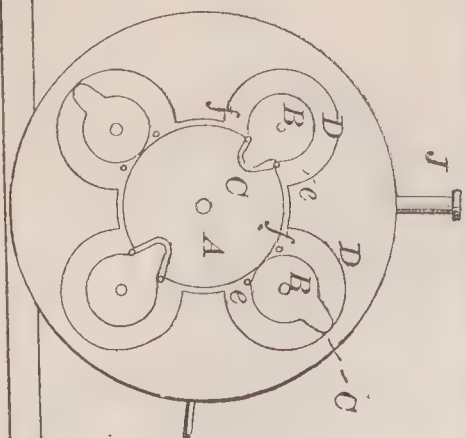
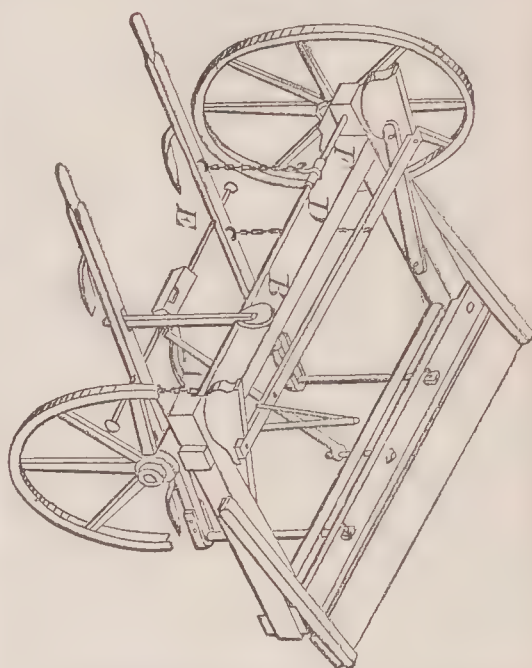
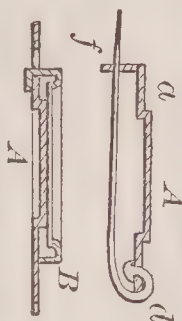
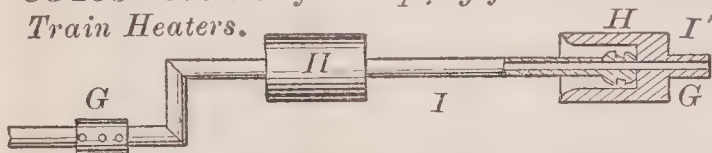
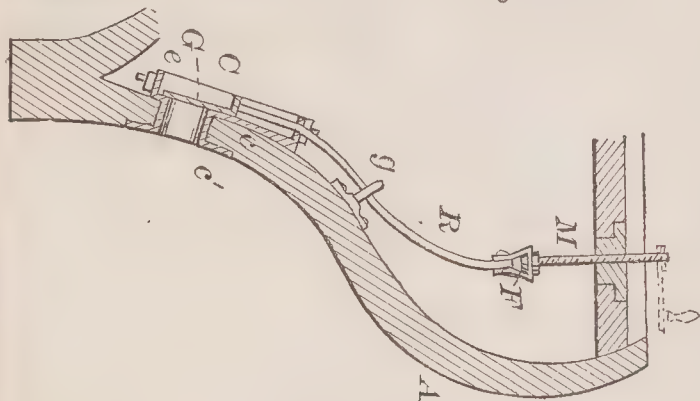
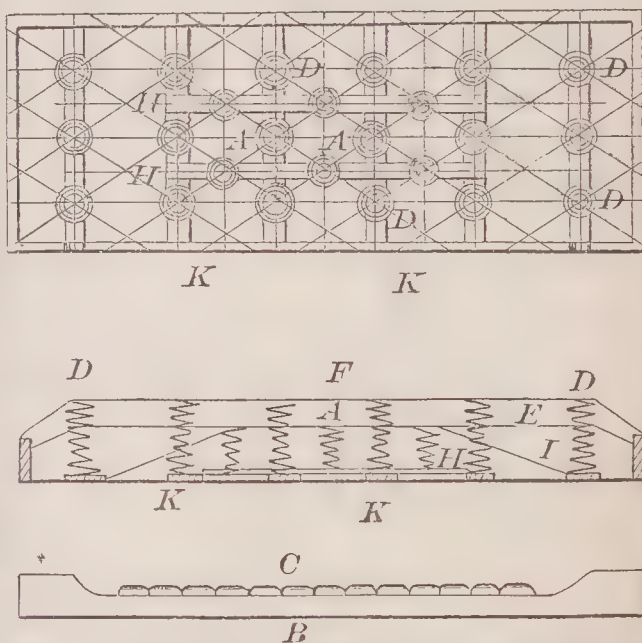
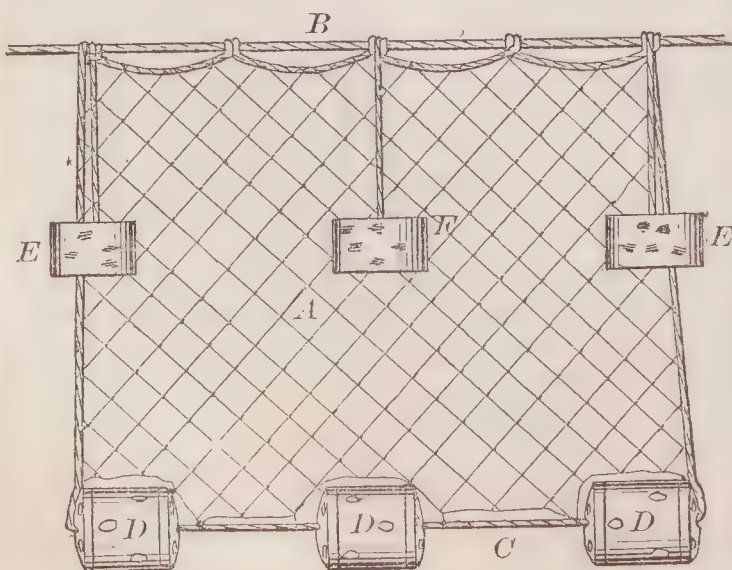
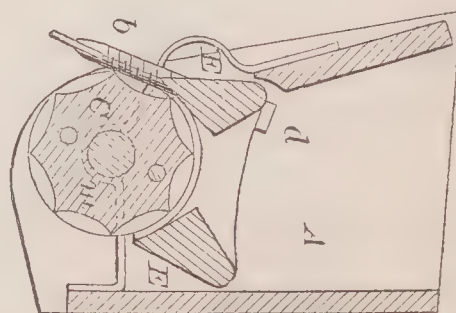


83480—S. F. Emerson—Wringing Machine.

83485—W. Graff—Bottle Stopper.

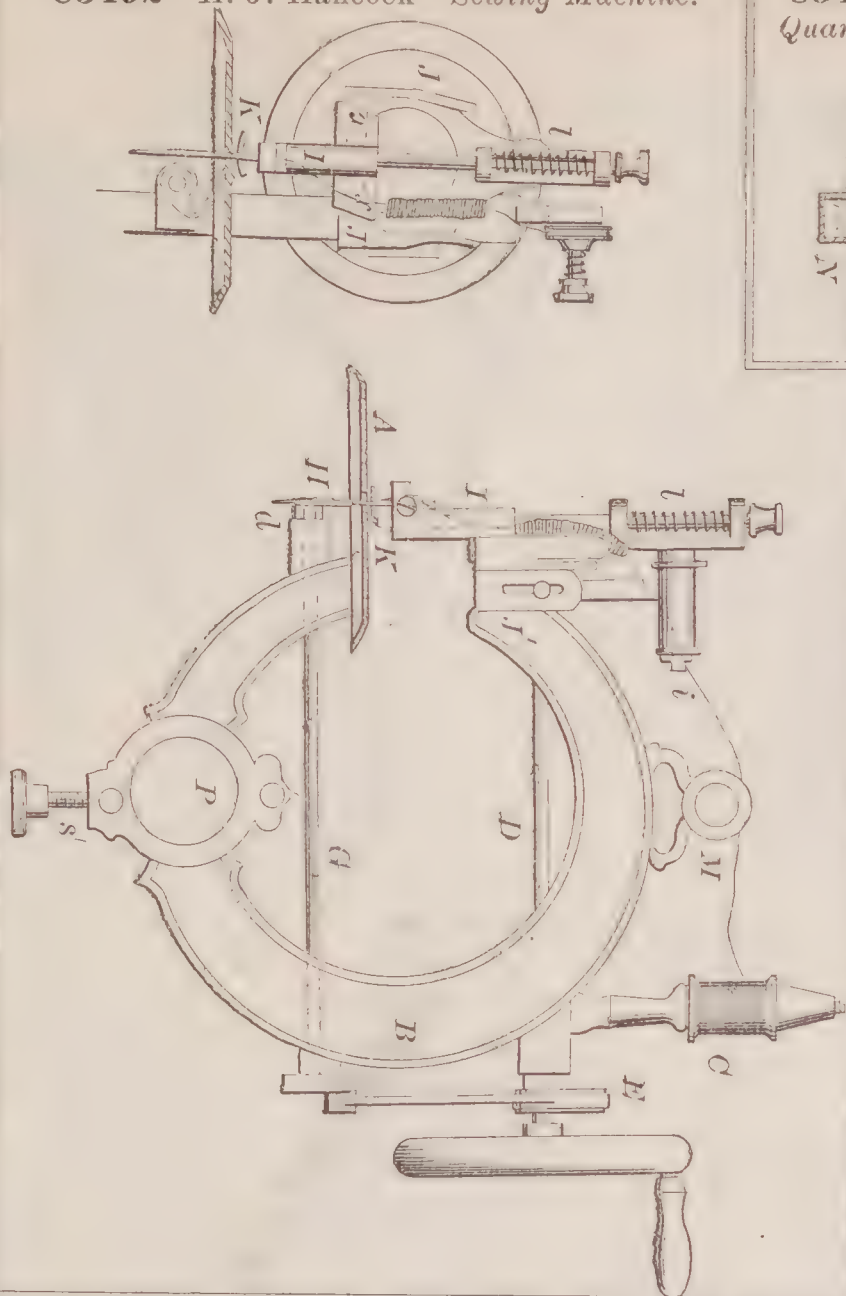




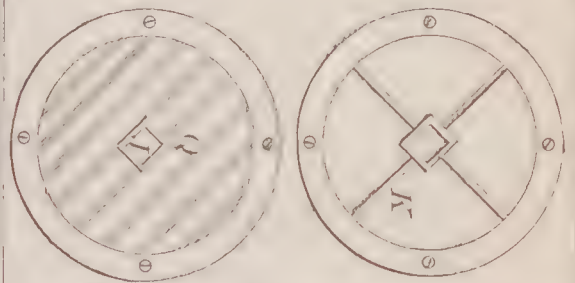
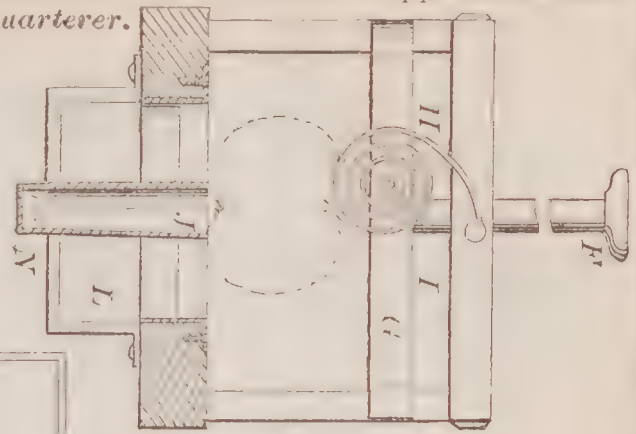
83484—G. W. Goodwyn—*Rotary Steam Engine.*83483—L. F. Goben—*Rotary Steam Engine.*83487—A. M. Griswold—*Cultivator.*83486—H. C. Gings—*Badge.*83488—J. R. Guy—*Coupling for Railroad Train Heaters.*83490—J. Hall—*For Scuttling Vessels.*83489—C. Hacker—*Spring Bed Bottom.*83493—S. Harper—*Fishing Net.*83491—W. N. Hamilton—*Grain Drill.*



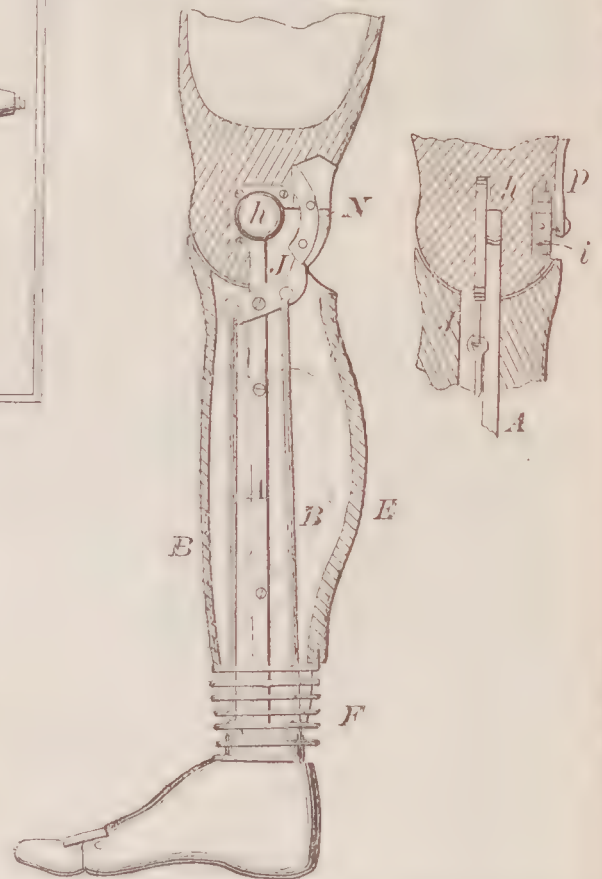
83492—H. J. Hancock—Sewing Machine.



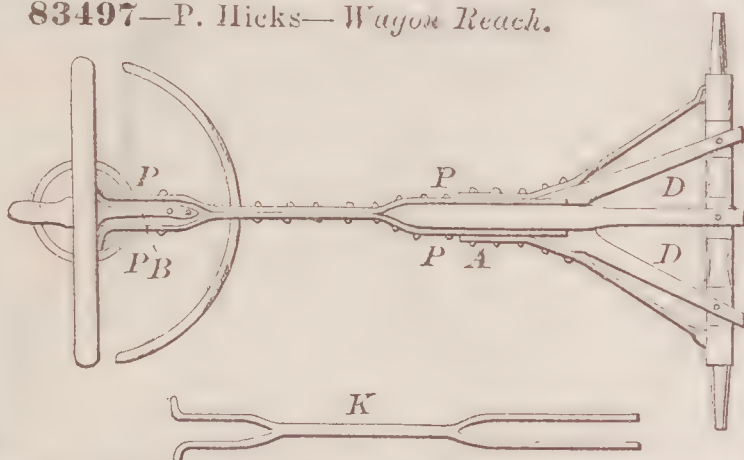
83494—J. M. Hassam—Apple Corer and Quarterer.



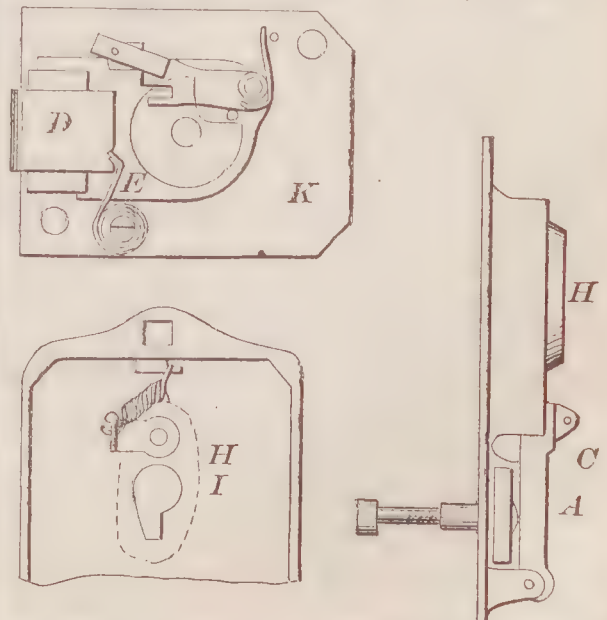
83496—G. B. Head—Artificial Leg.



83497—P. Hicks—Wagon Reach.



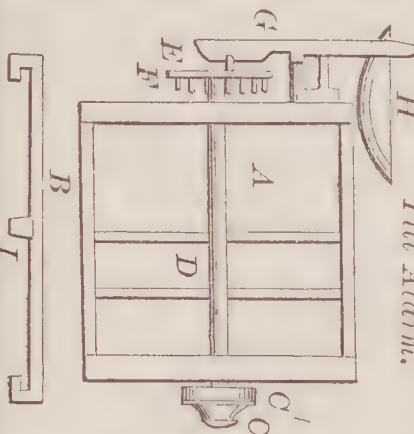
83500—M. G. Imbach—Hasp Lock.



83501—S. Ivers—Needle.



83498—A. D. Hoffman—Till Alarm.

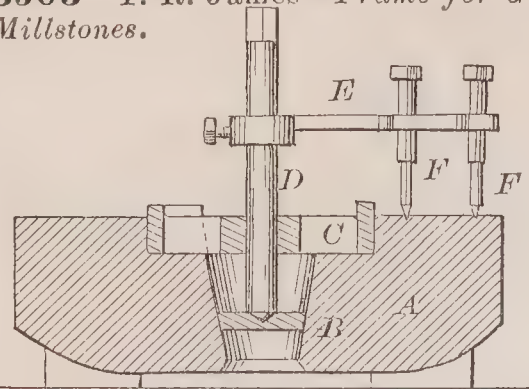


83499—L. Holtzscheiter—Box Opener.

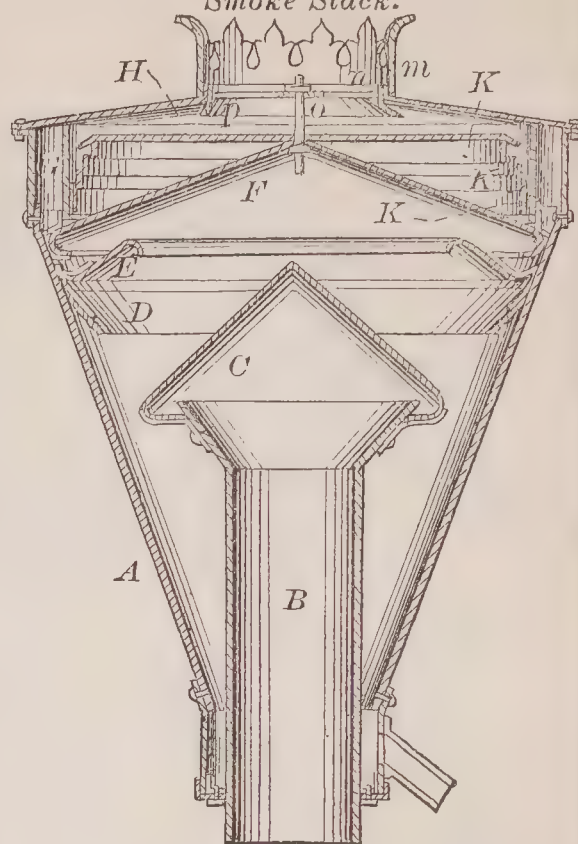




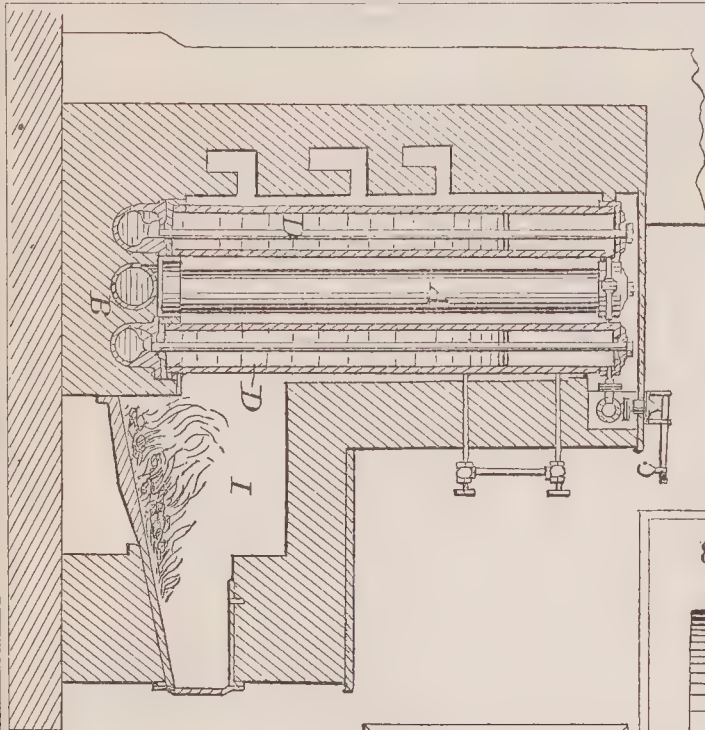
**83503**—T. R. James—*Frame for Gauging Millstones.*



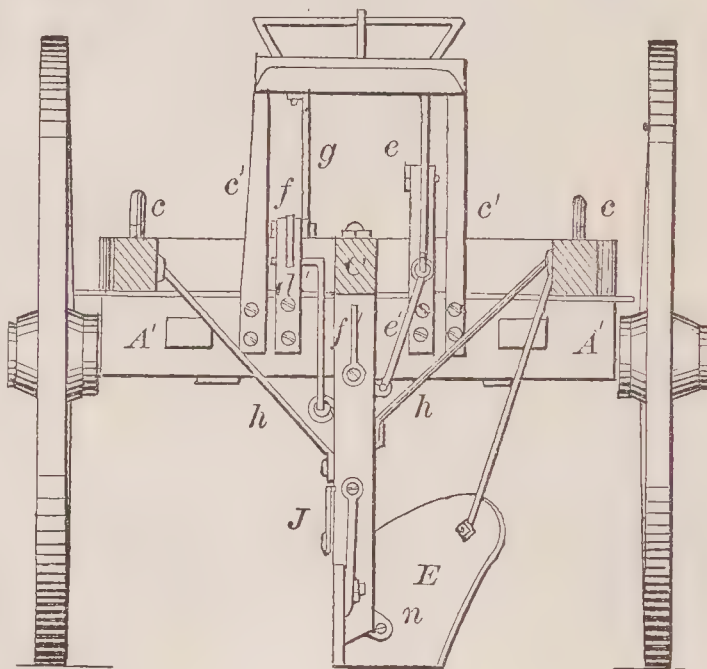
**83506**—J. A. W. Justi—*Locomotive Smoke Stack.*



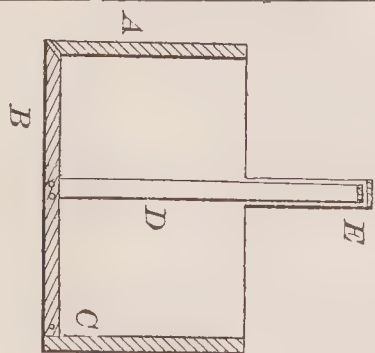
**83505**—T. B. Jordan—*Steam Generator.*



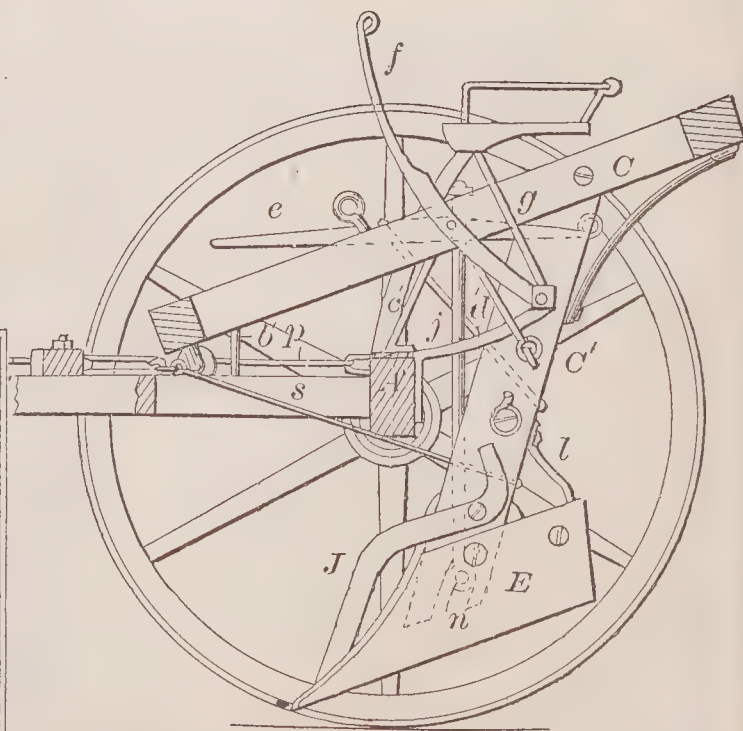
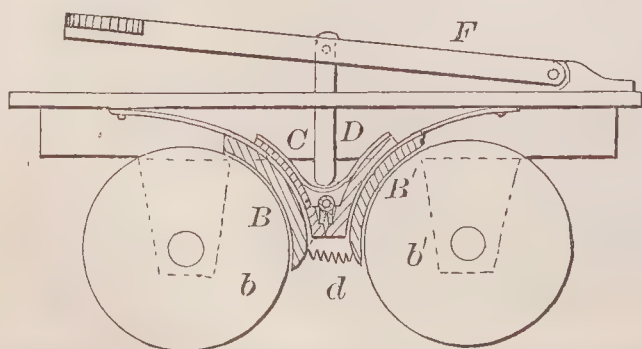
**83507**—J. Kay—*Plow.*



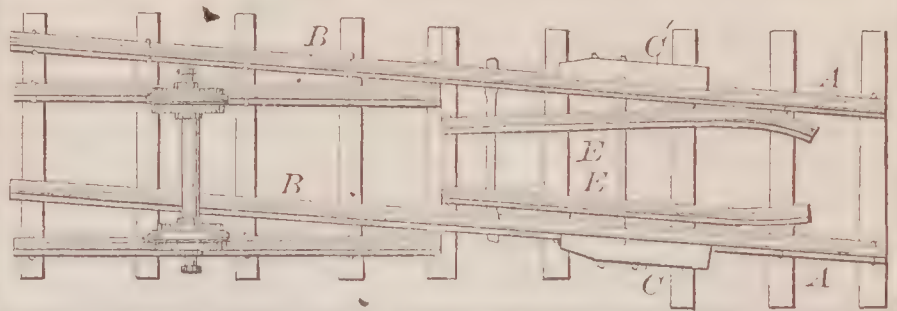
**83504**—T. B. Jones—*Fruit Box.*



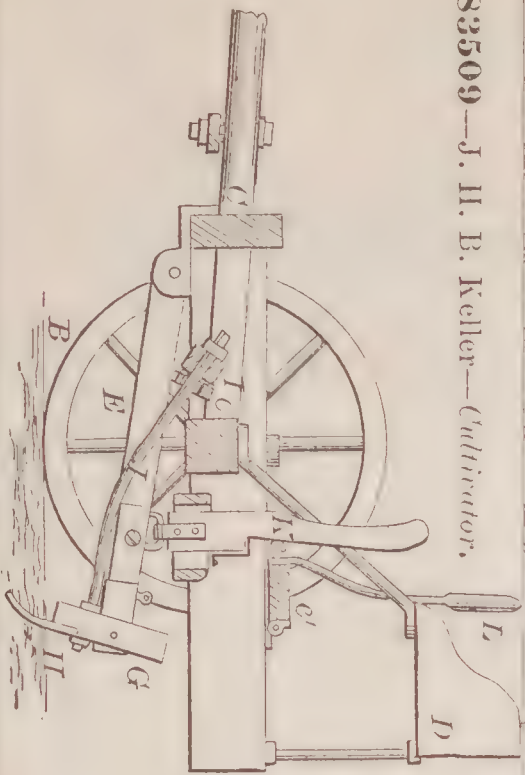
**83508**—P. Keffer—*Car Brake.*



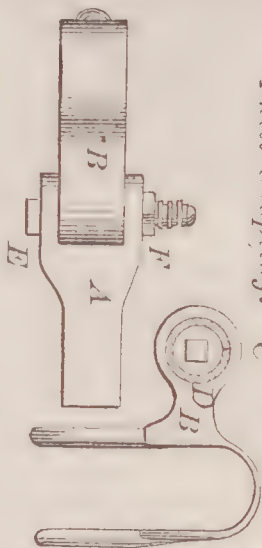
83510—M. Kelly—*Railroad Switch.*



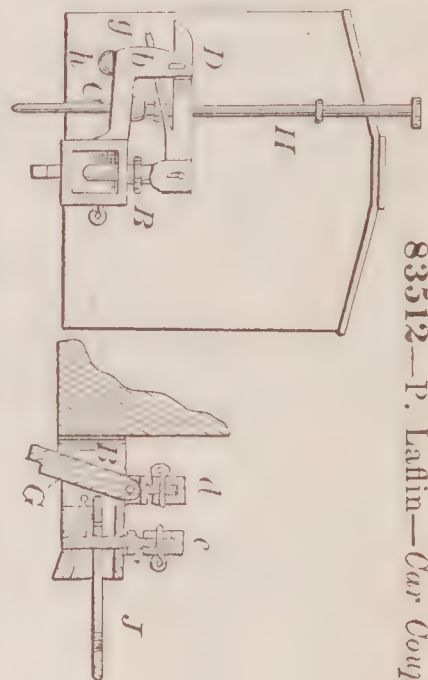
83509—J. H. B. Keller—*Cultivator.*



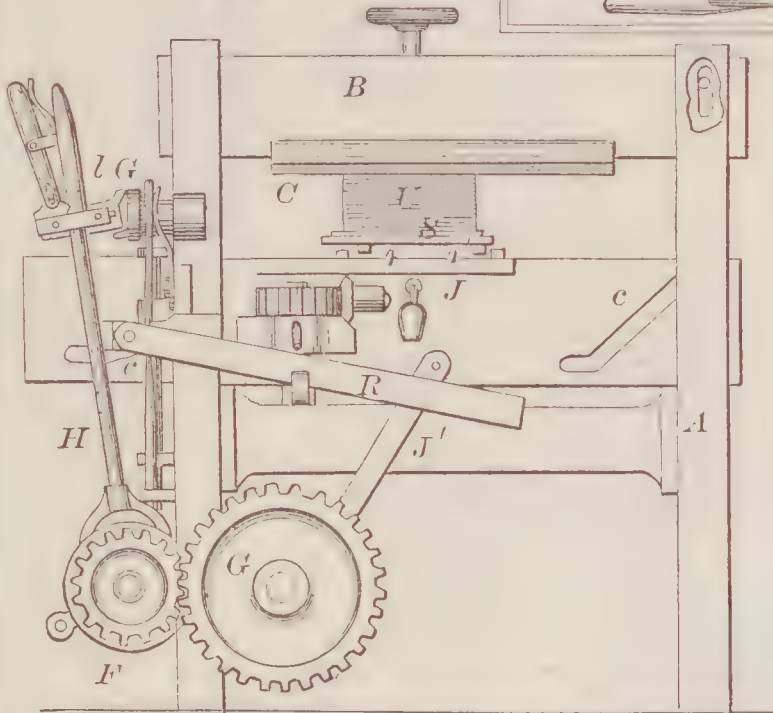
83511—W. W. Knowles—*Thill Coupling.*



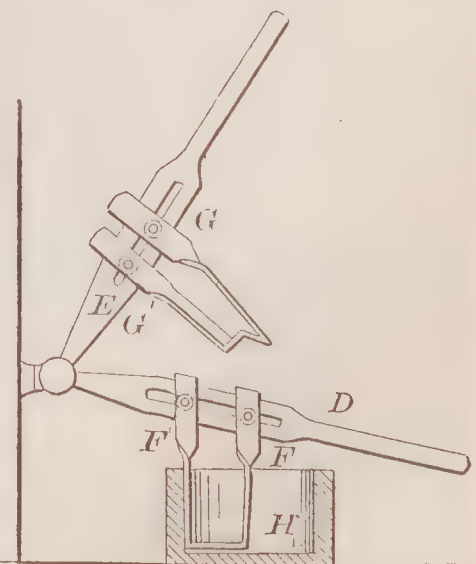
83512—P. Laffin—*Car Coupling.*



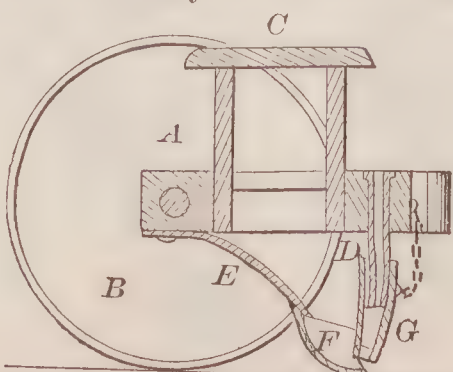
83513—H. Law—*For Cutting Paper.*



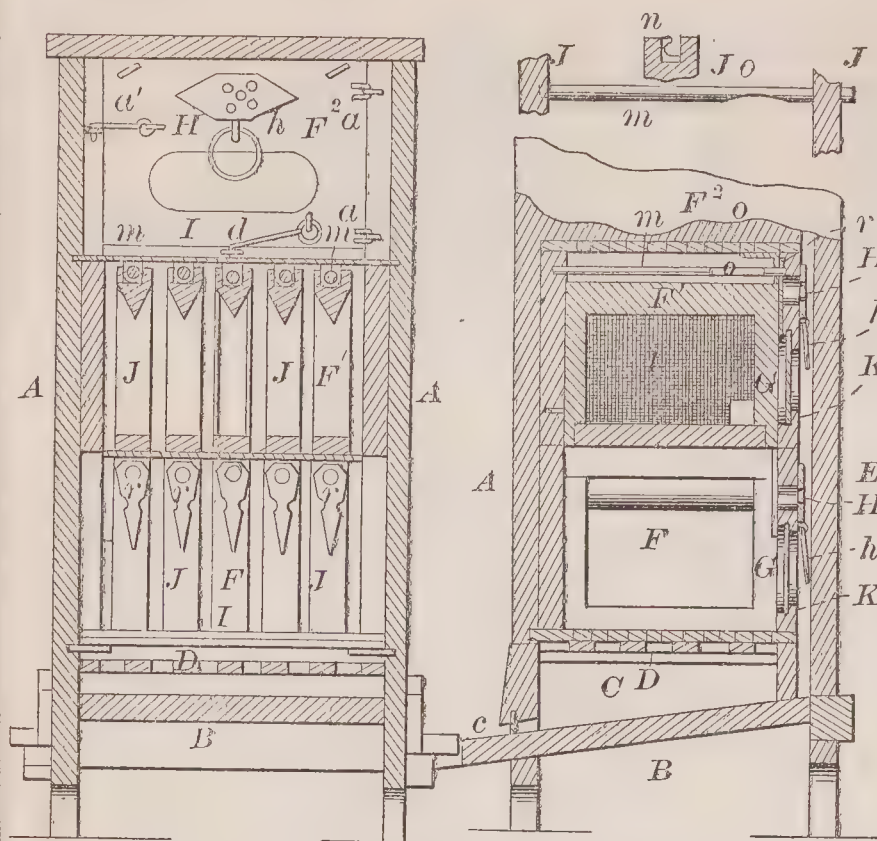
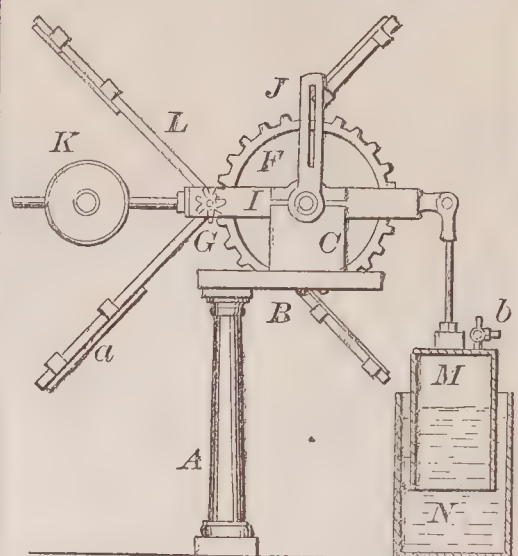
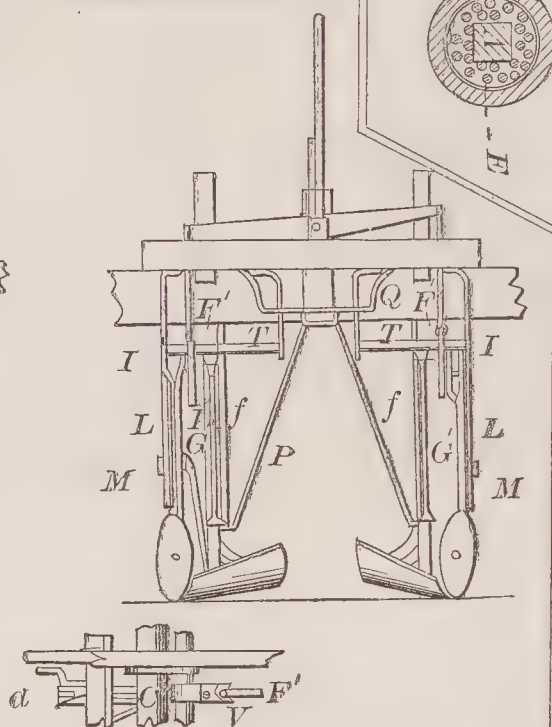
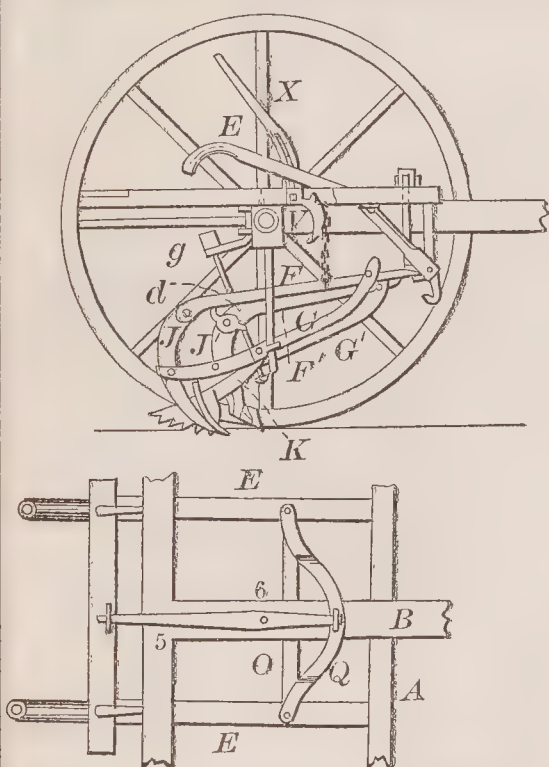
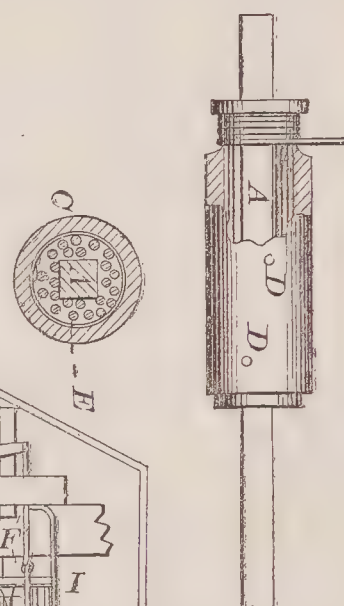
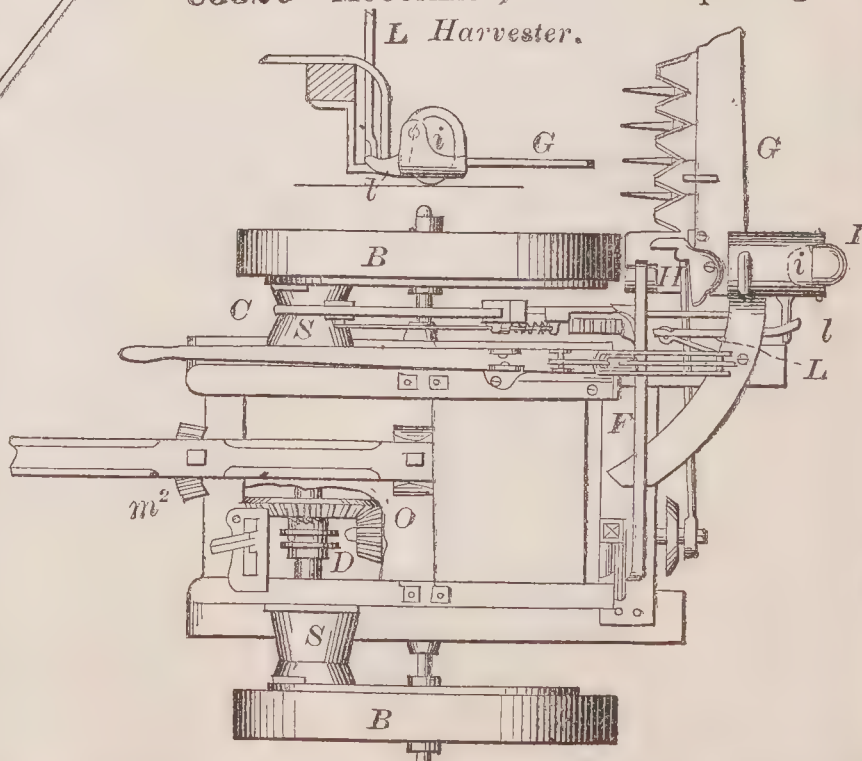
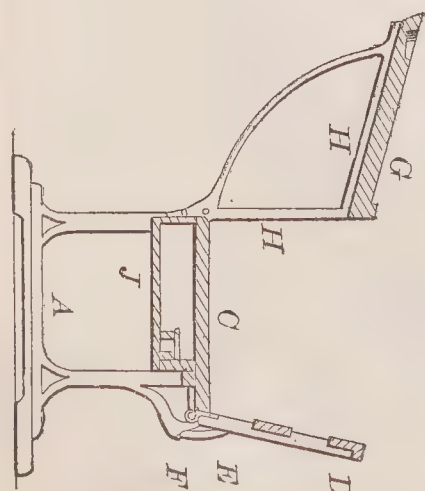
83515—A. W. Loomis—*Gauge for Stone Ware.*



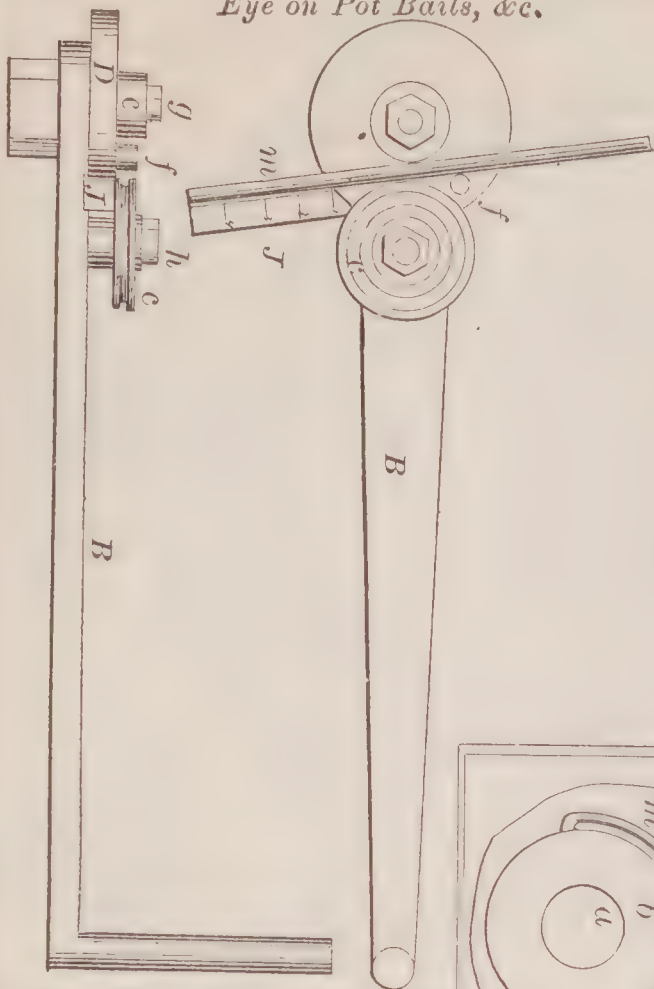
83517—J. T. Lynam—*Grain Drill.*



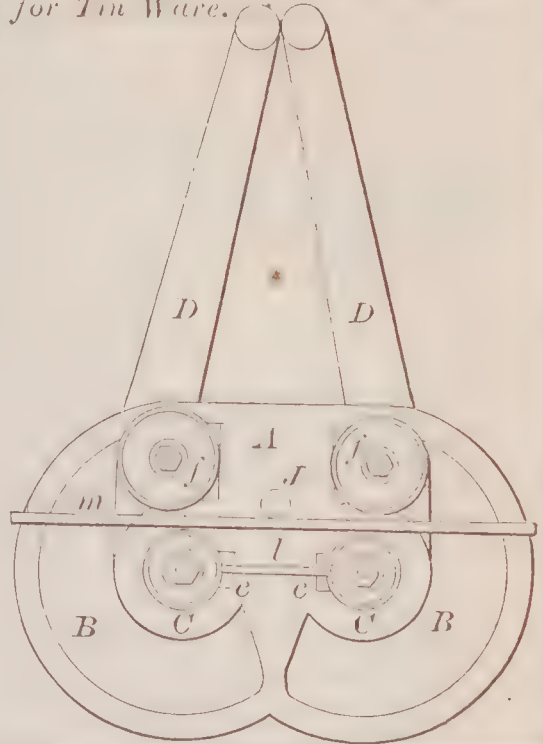


83514—B. Leckrone—*Beehive*.83516—J. T. Lossen—*Governor*.83519—J. Mallon—*Cultivator*.83518—A. Magowan—*Wringer Roller*.83520—McCormick, Baker & Expelding—*L Harvester*.83521—J. Menley—*School Desk*.

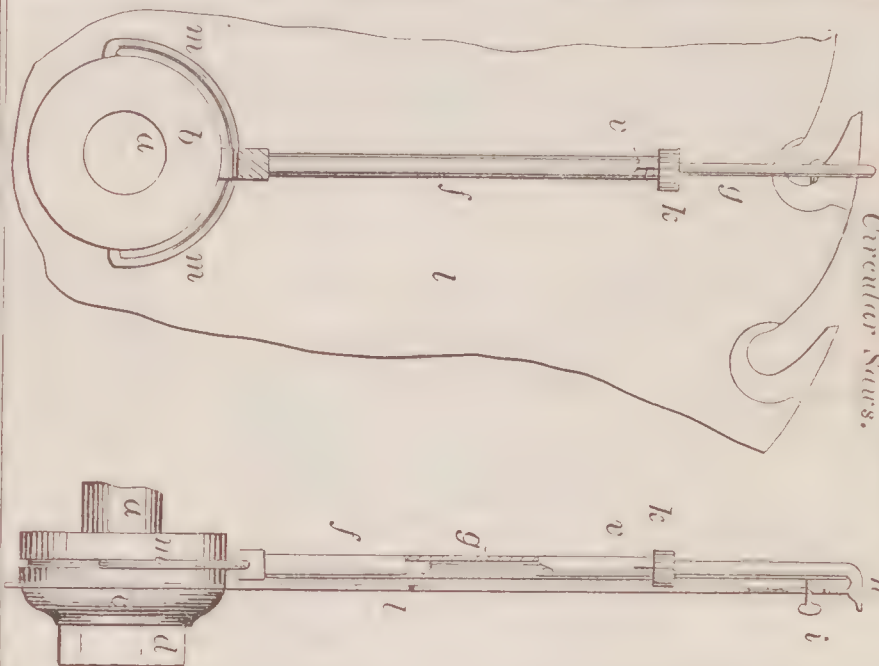
83522—J. Miller—For Forming the Hook or Eye on Pot Bails, &c.



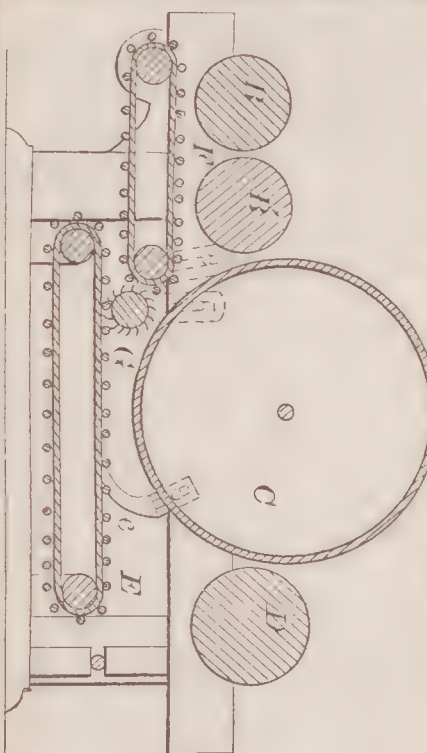
83523—J. Miller—For Bending Oval Handles for Tin Ware.



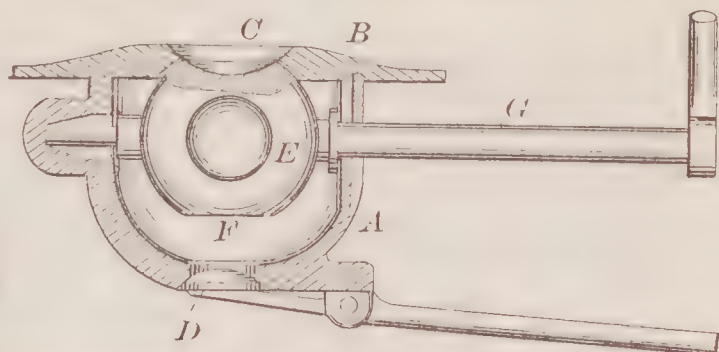
83524—W. P. Miller—Gauge for Circular Saws.



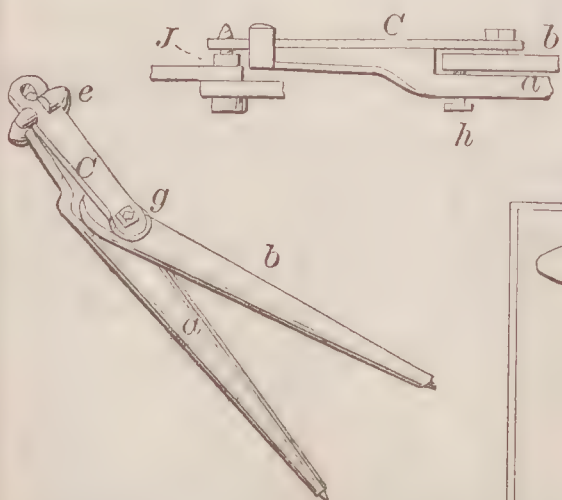
83526—C. F. Morrison—Carding Engine.



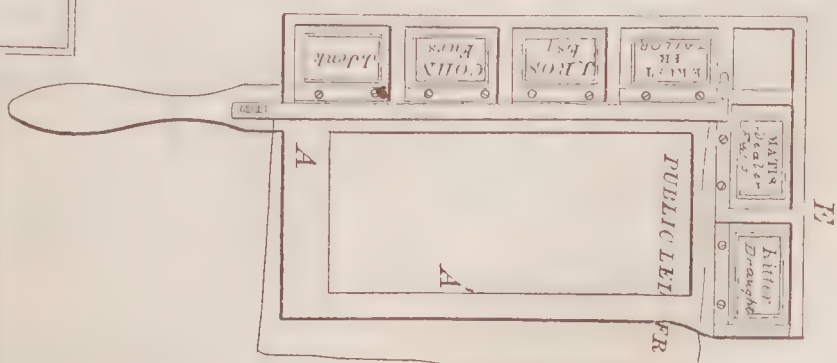
83530—O. G. Newton—Tuyere.



83525—T. W. Moore—Bolt Cutter.

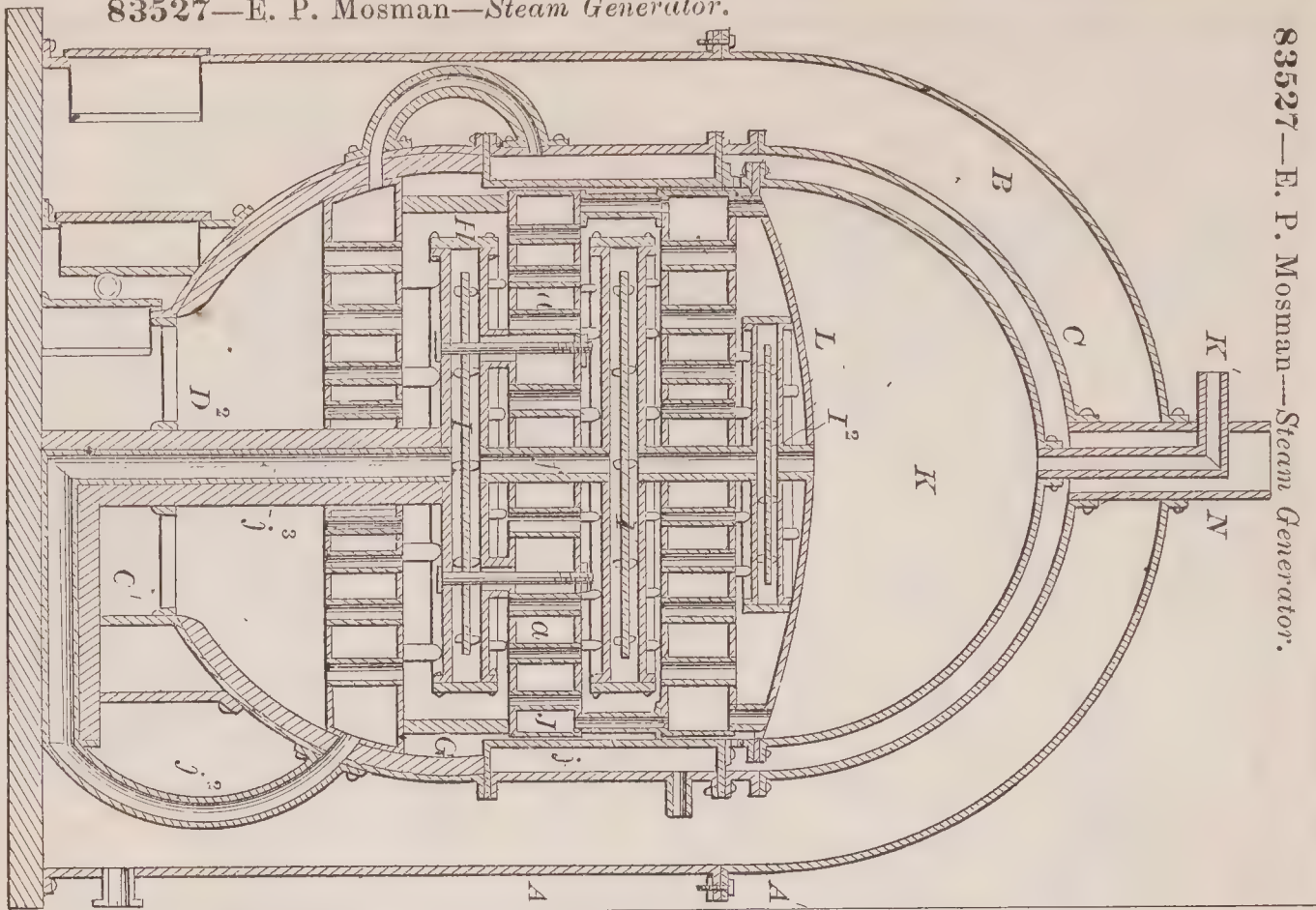


83531—Ney & Hofheimer—Paper File.



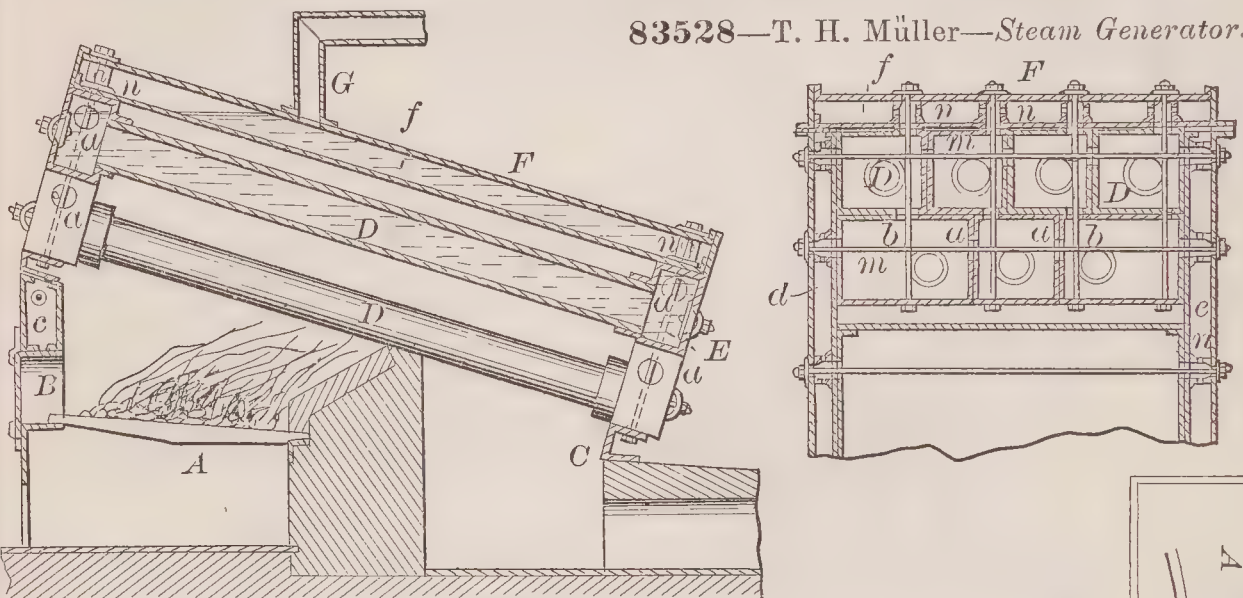


83527—E. P. Mosman—*Steam Generator.*

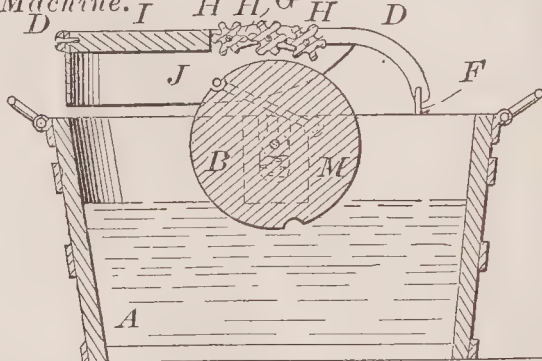


83527—E. P. Mosman—*Steam Generator.*

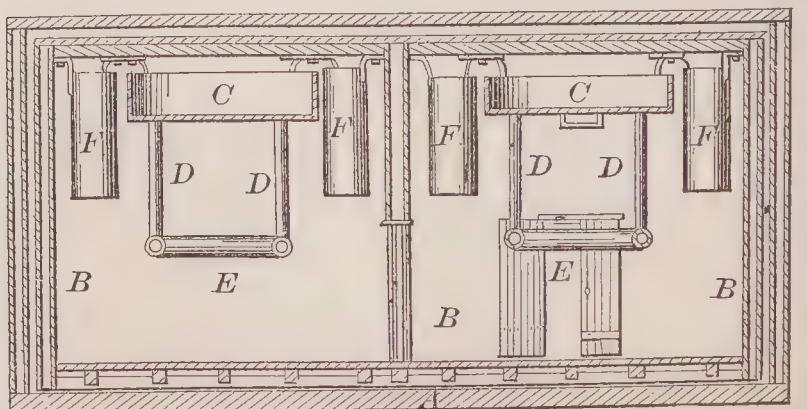
83528—T. H. Müller—*Steam Generator.*



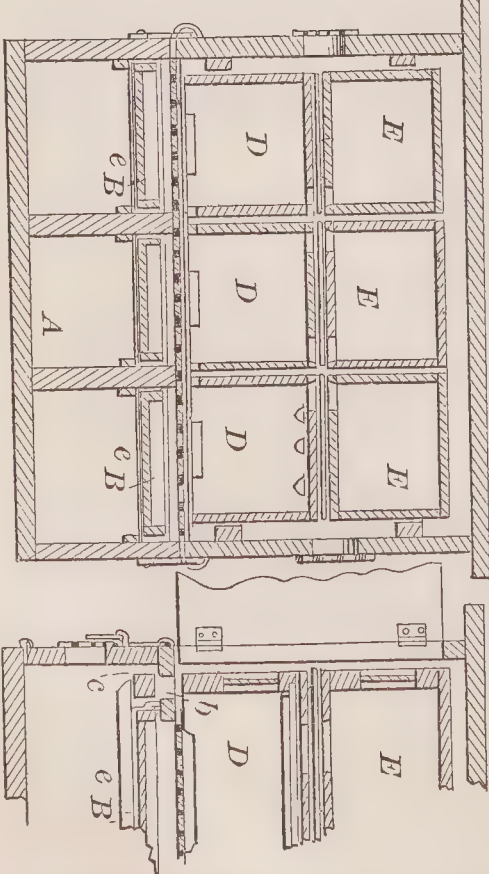
83535—E. F. O'Neill—*Washing Machine.*



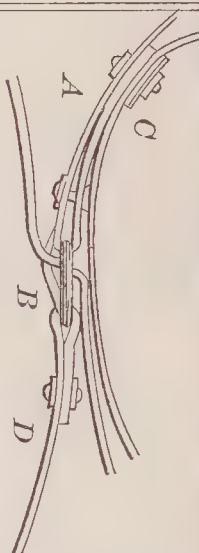
83533—P. Nunan—*For Preserving Fish, Meats, &c.*



83532—A. Niebel—*Beehive.*

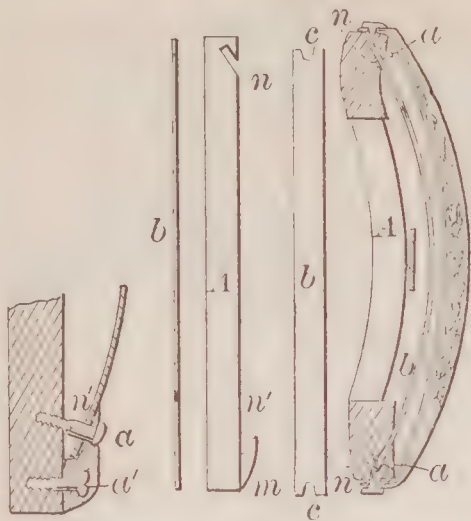


83534—C. H. Nye—*Bag Fastener.*

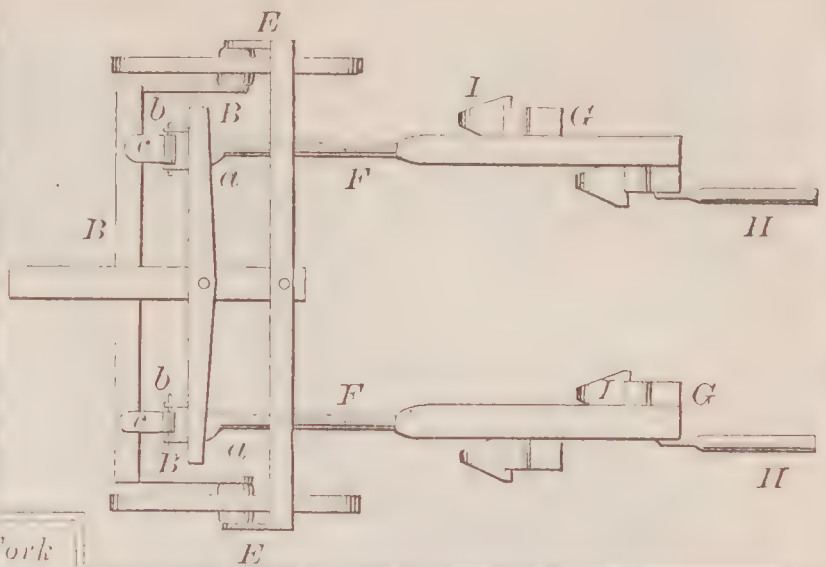




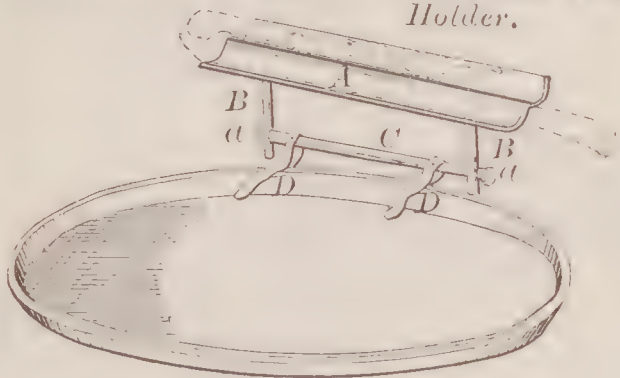
83536—W. H. Paige—*Seat Back.*



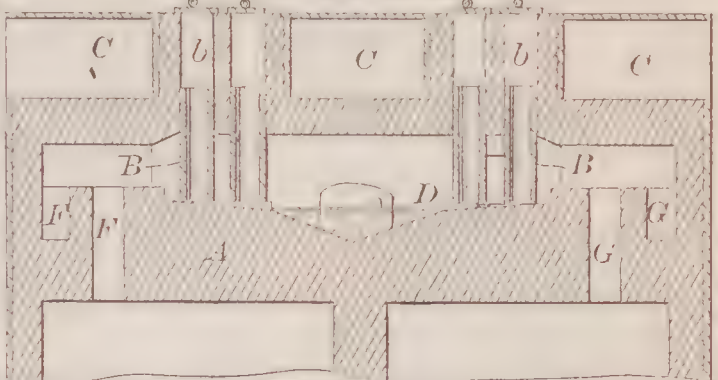
83537—C. J. Paine—*Corn Plow.*



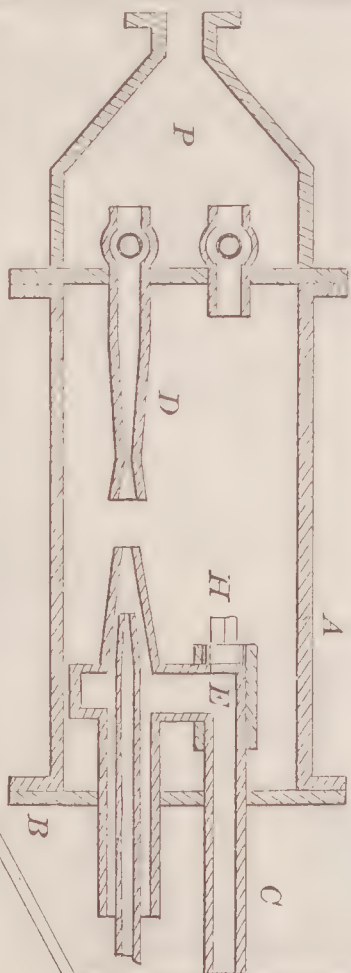
83538—J. W. Patten—*Knife and Fork Holder.*



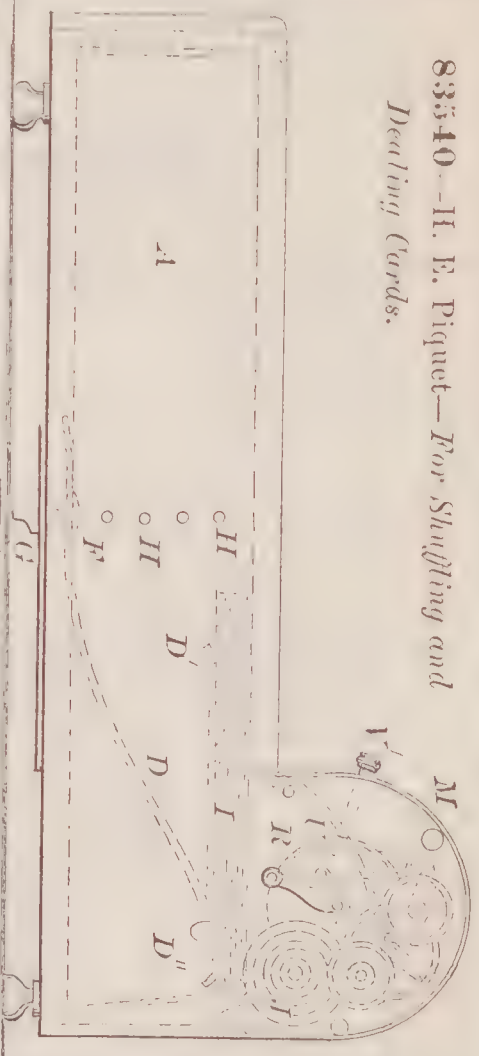
83542—A. Ponsard—*For the Manufacture of Iron and Steel.*



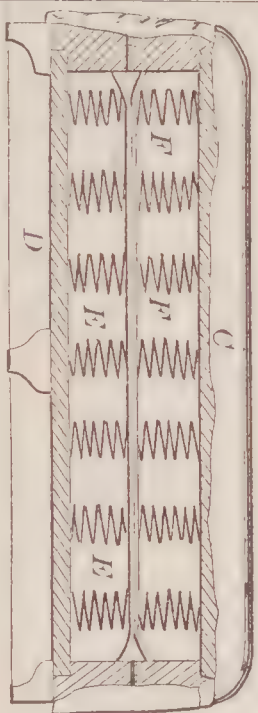
83543—L. B. Powelson—*Feed Water Heater.*



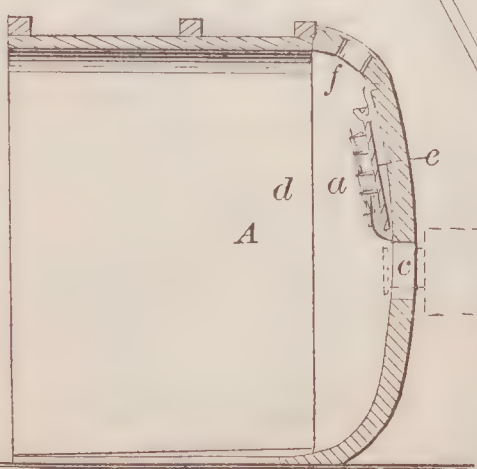
83540—H. E. Piquet—*For Shuffling and Dealing Cards.*



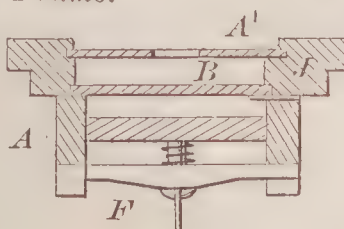
83544—J. D. Pratt—*Bed Lounge.*



83545—G. K. Proctor—*Photographic Room.*



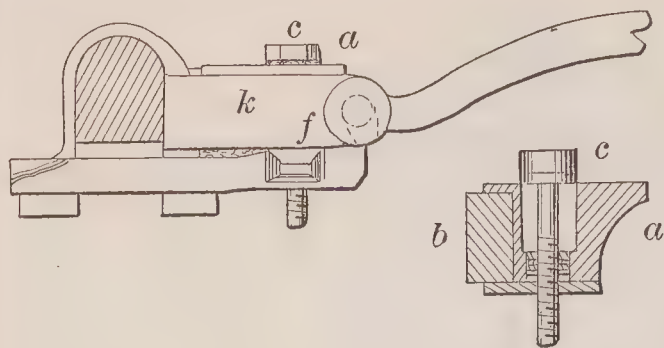
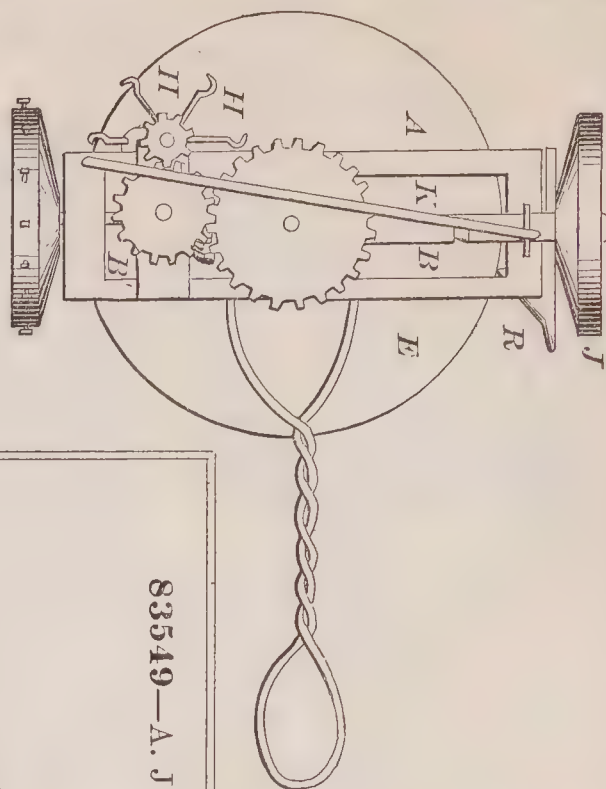
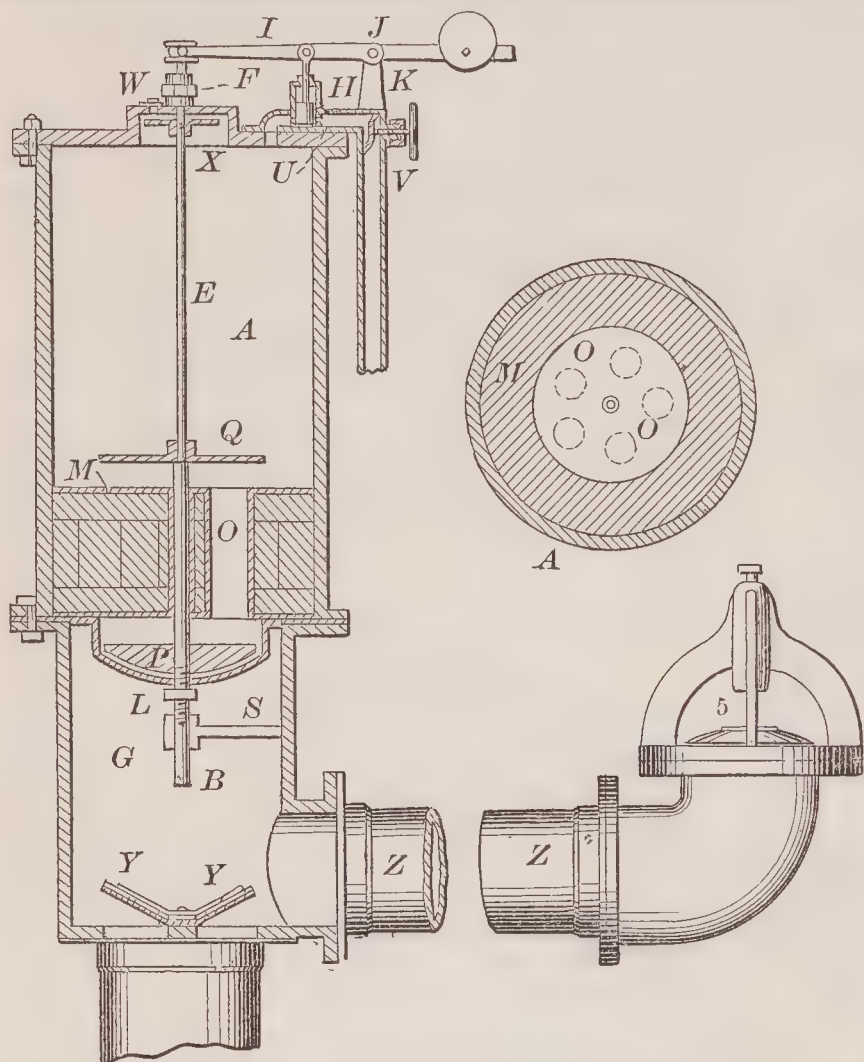
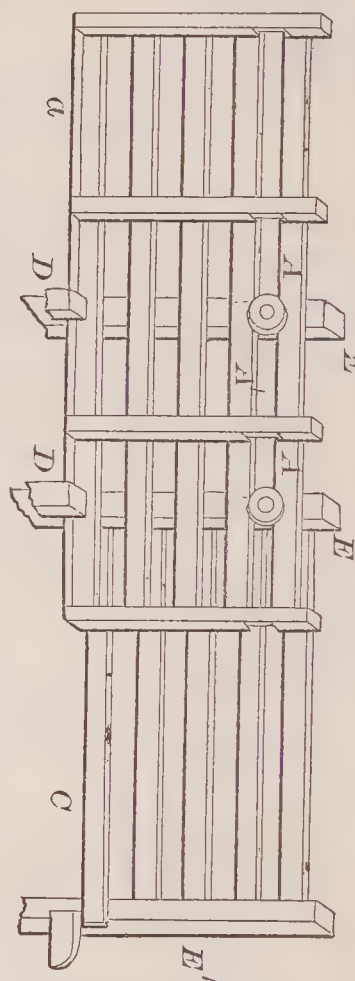
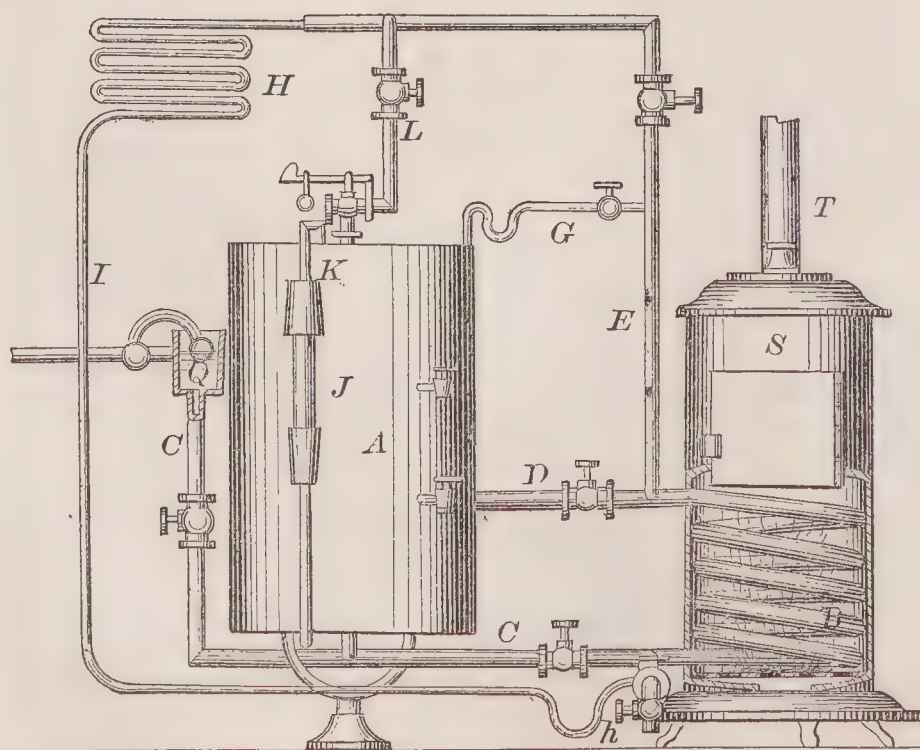
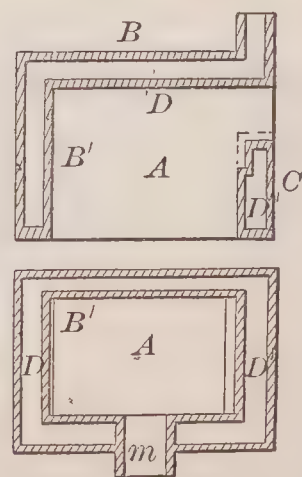
83548—B. Reed—*Photographic Printing Frame.*

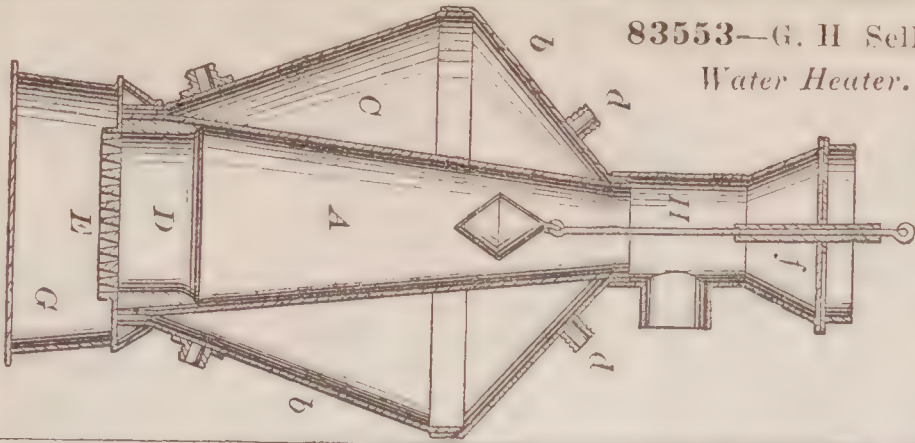
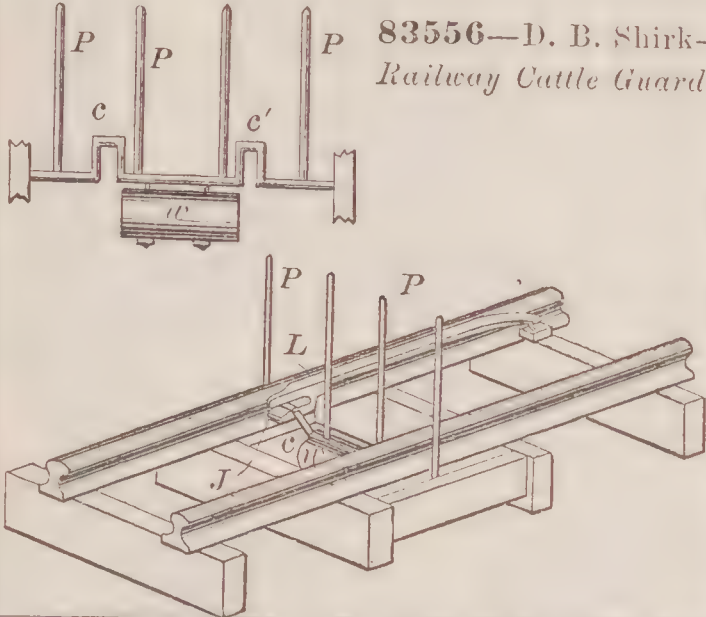


83541—C. Platt—*Chair Seat.*

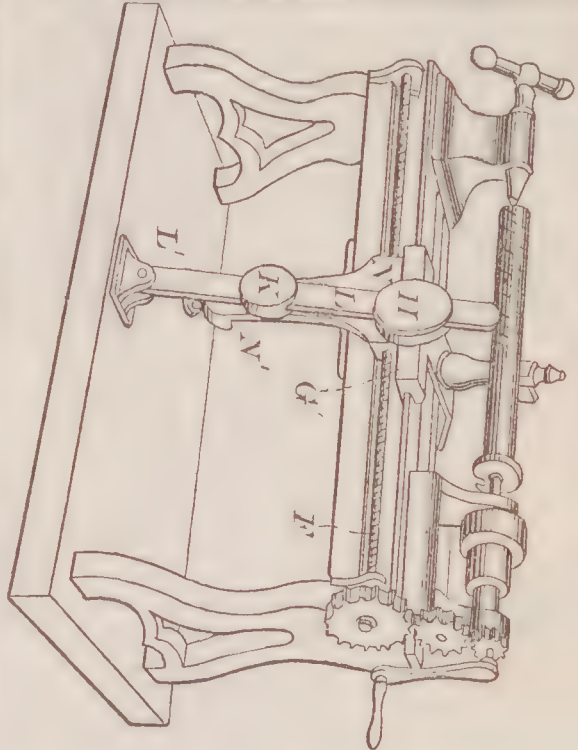
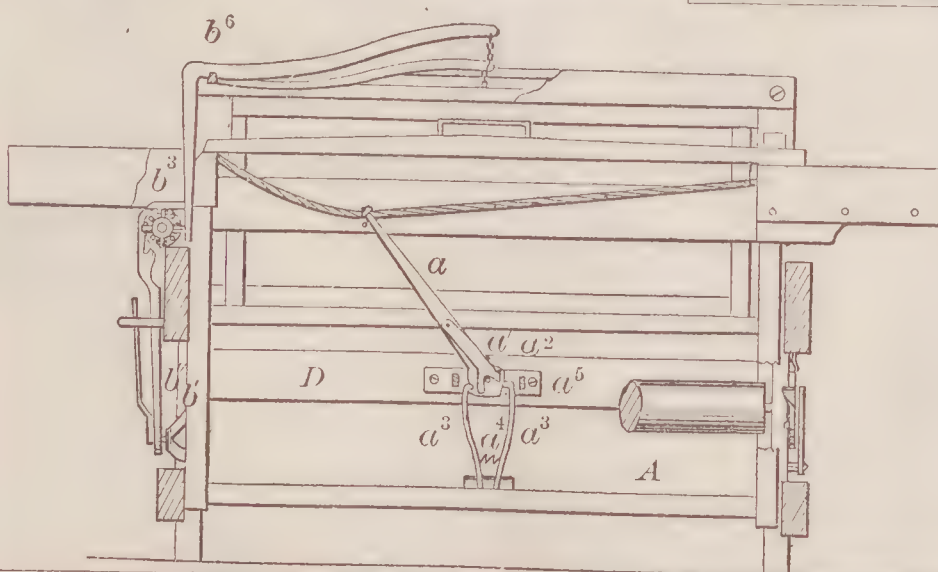
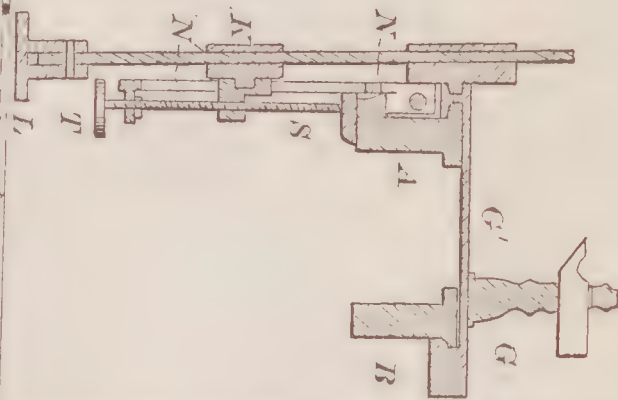
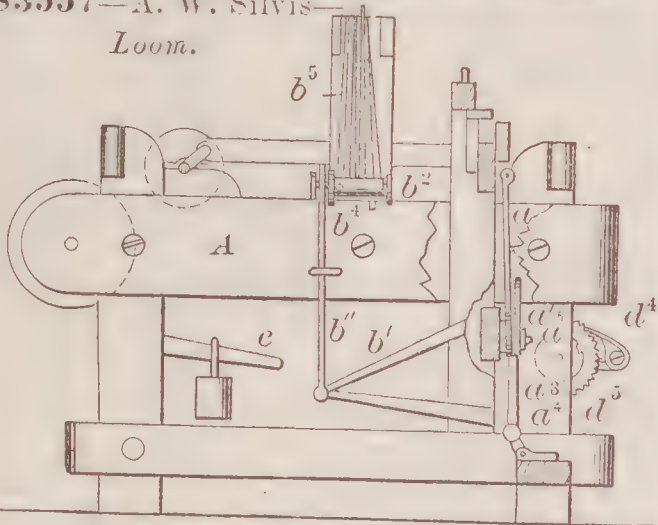




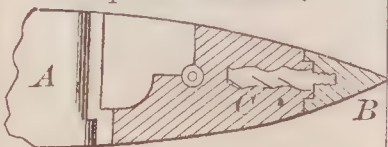
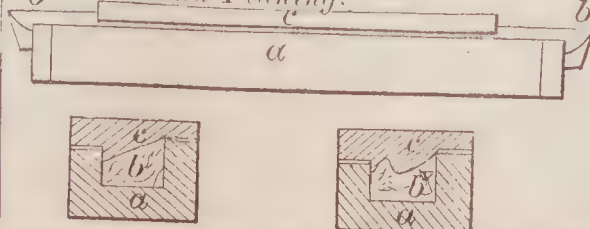
83546—R. Pyle—*Thill Coupling*.83547—J. M. Ragsdale—*Road Grader*.83549—A. J. Reynolds—*Steam Pump*.83550—J. F. Rodgers—*Gate*.83552—J. C. Ryan—*Water Heating Apparatus*.83551—H. Ross—*For the Manufacture of Iron*.

83553—G. H. Sellers—  
Water Heater.83555—E. Shepard—  
Carriage Curtain Fastening.83556—D. B. Shirk—  
Railway Cattle Guard.

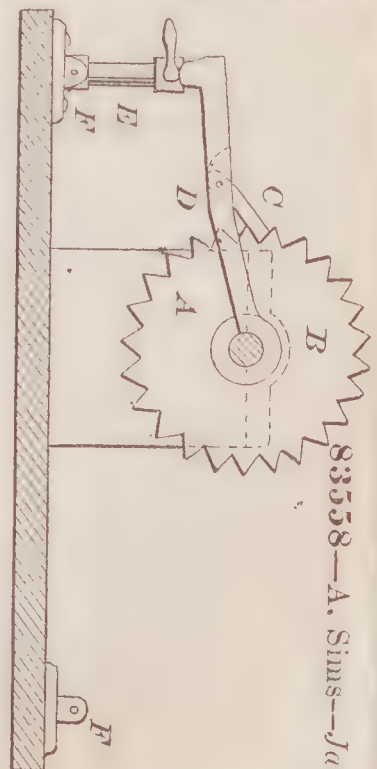
83554—H. F. Shaw—Lathe.

83557—A. W. Silvis—  
Loom.

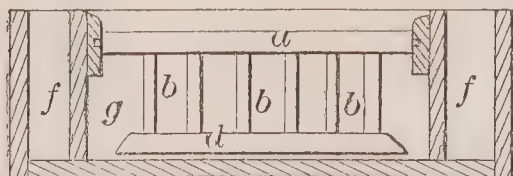
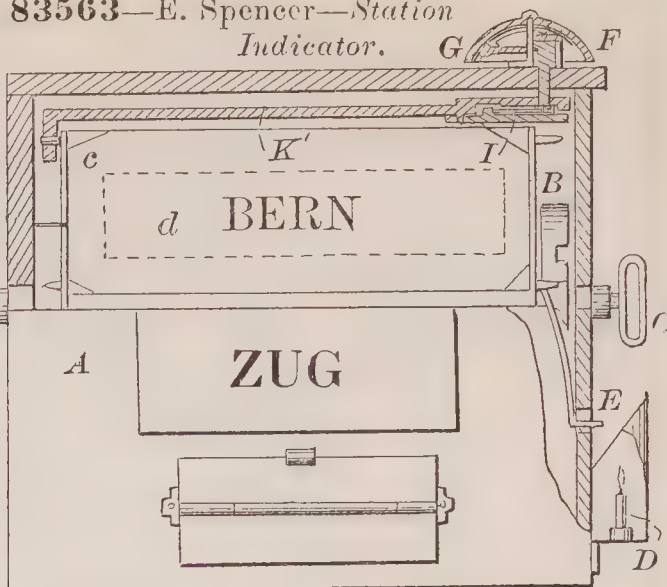
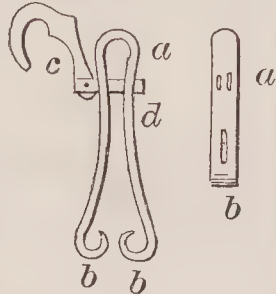
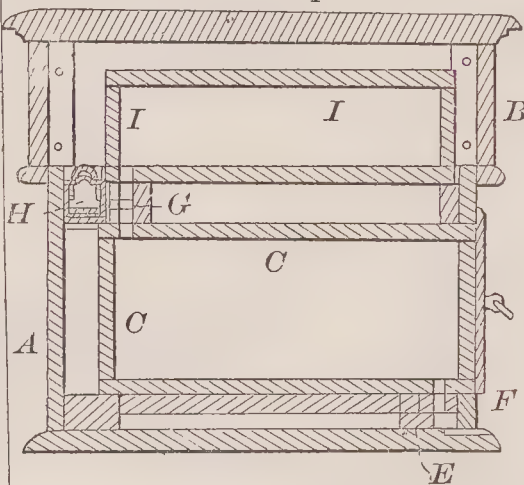
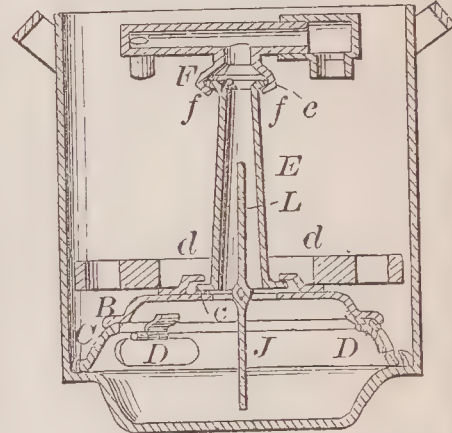
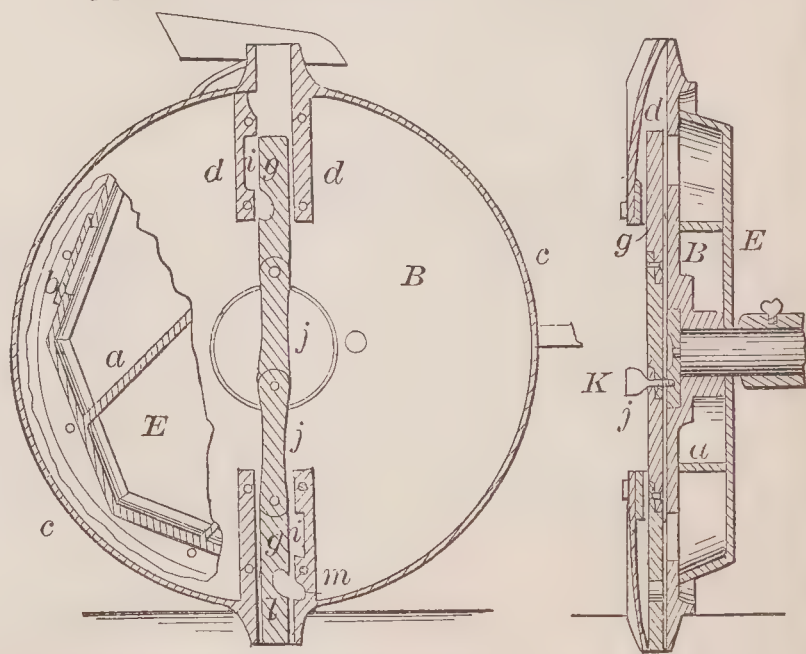
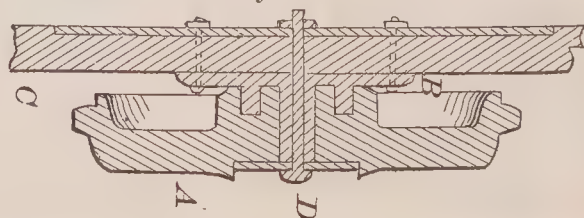
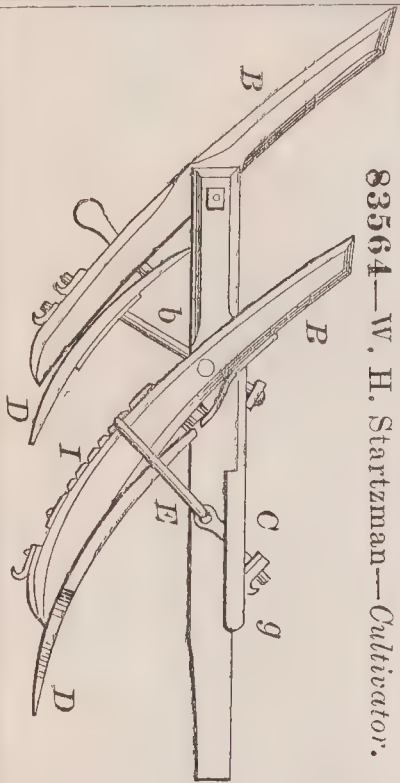
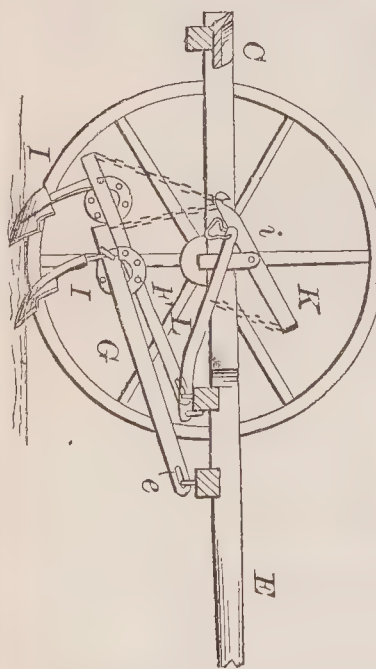
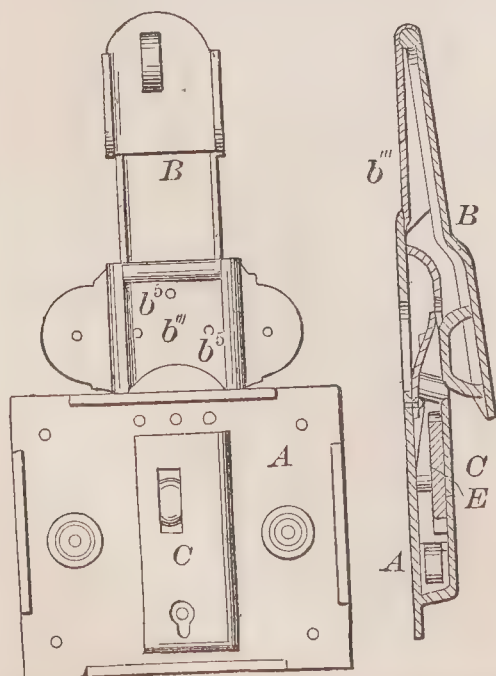
83559—Smith &amp; Jaques—Shuttle.

83560—J. P. Smith—For Turning  
and Planing.

83558—A. Sims—Jack.

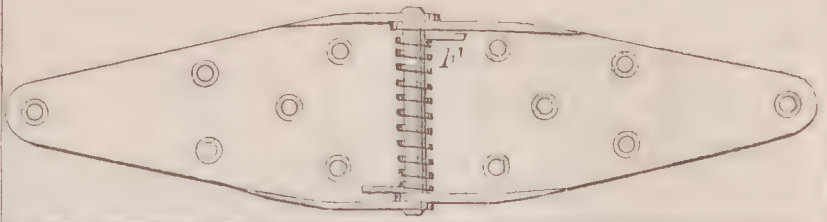




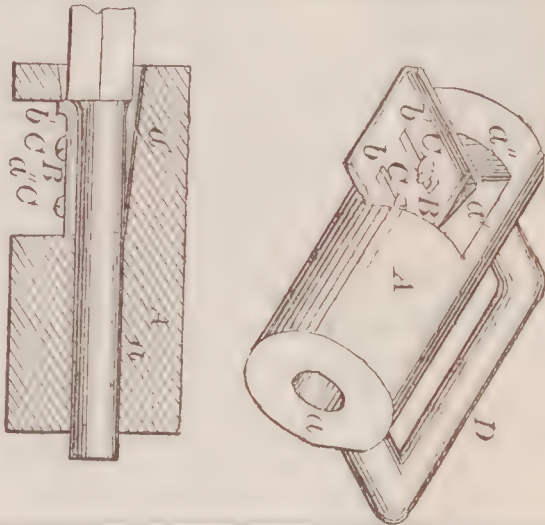
83561—W. Smith—*Hay Rack.*83563—E. Spencer—*Station Indicator.*83562—  
C. L. Spencer—*Hat Hook*83565—L. M. Stoops—*Beehive.*83566—J. B. Sweetland—*Wash Boiler.*83567—C. W. Thiessen—*Corn Planter.*83568—J. Toay—*Harvester.*83564—W. H. Startzman—*Cultivator.*83569—P. R. Totten—*Cultivator.*83570—L. Uitting—*Lock.*



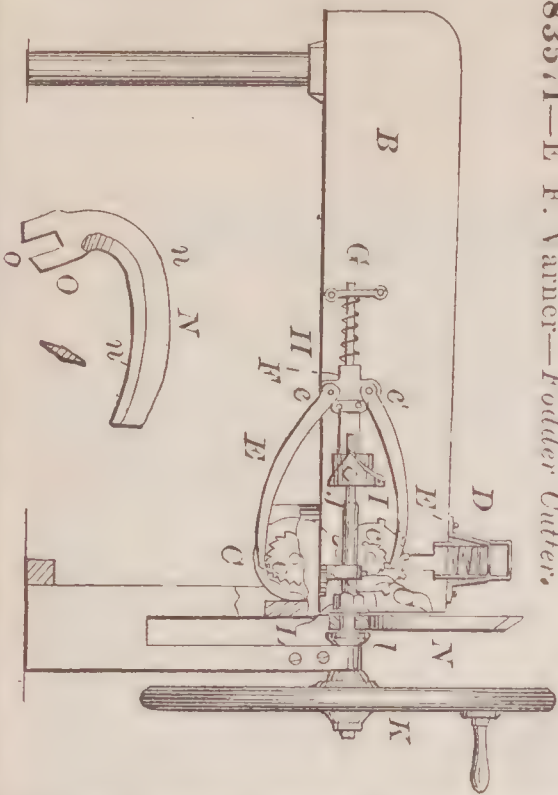
83572—A. W. Walter—Door Hinge.



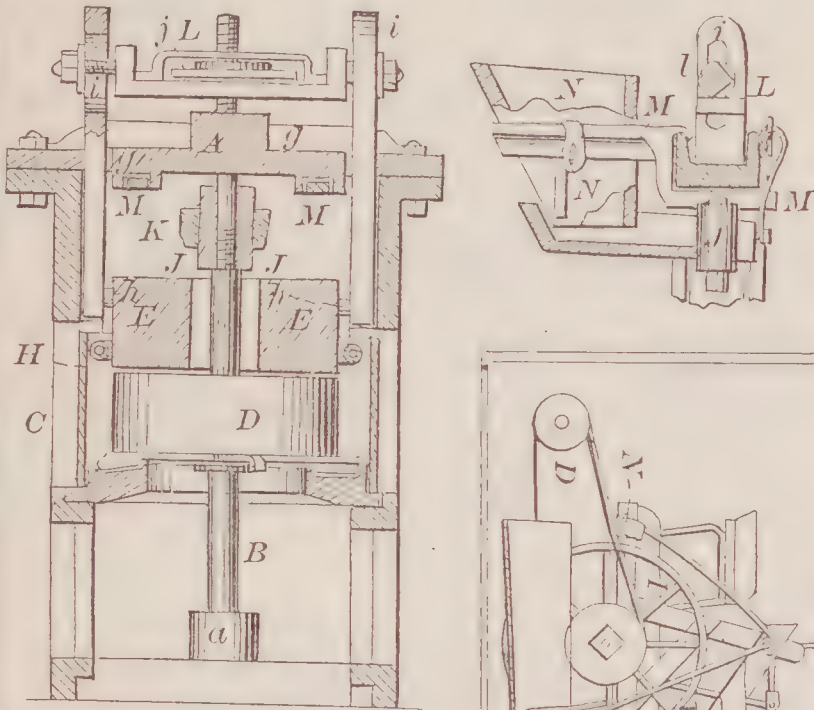
83573—W. H. Whitlock—Turning Tool.



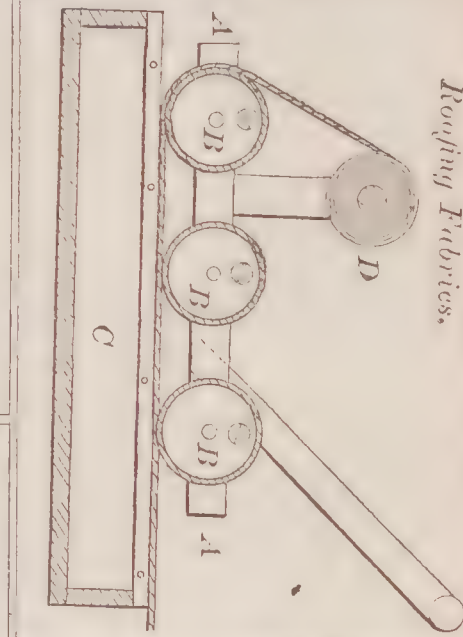
83571—E. F. Varner—Fodder Cutter.



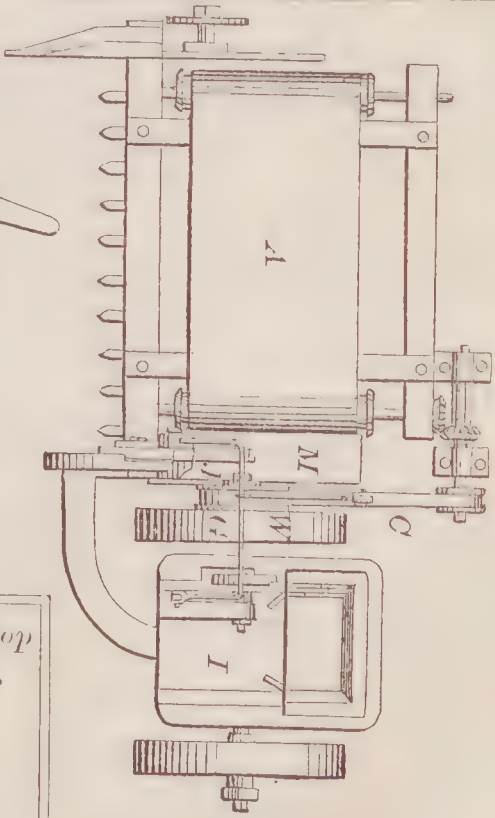
83574—B. Whitney—Grist Mill.



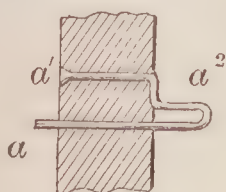
83575—J. J. Wiggin—Preparation of Roofing Fables.



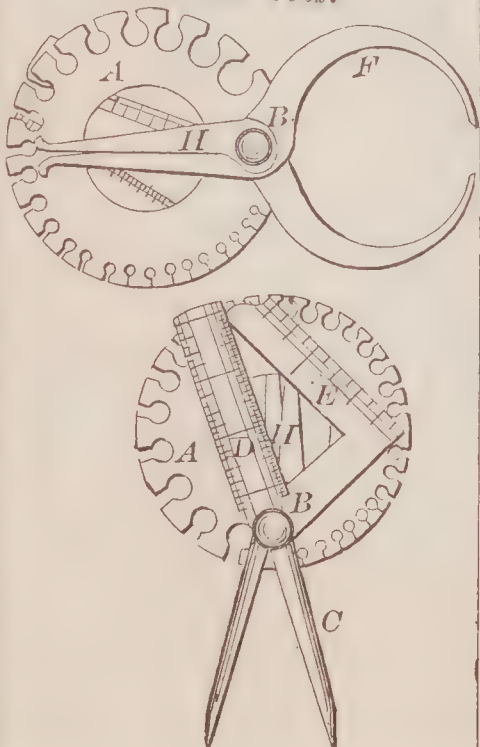
83578—M. J. Wine—Harvester.



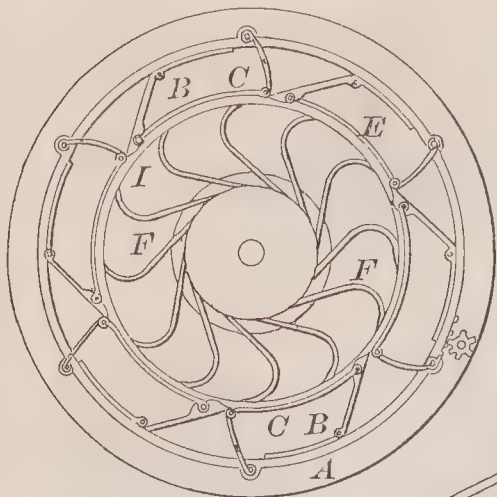
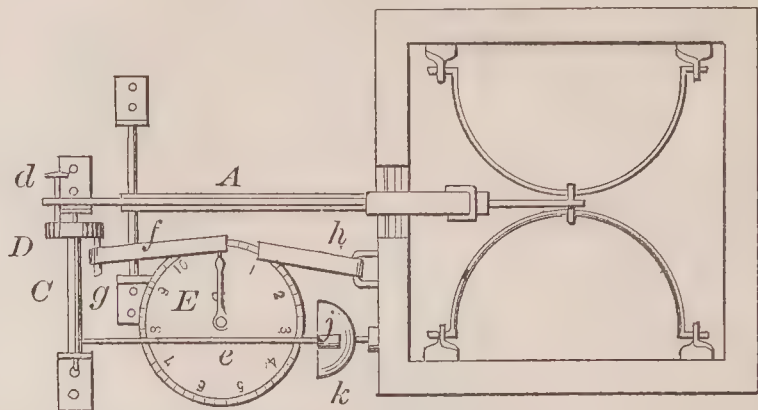
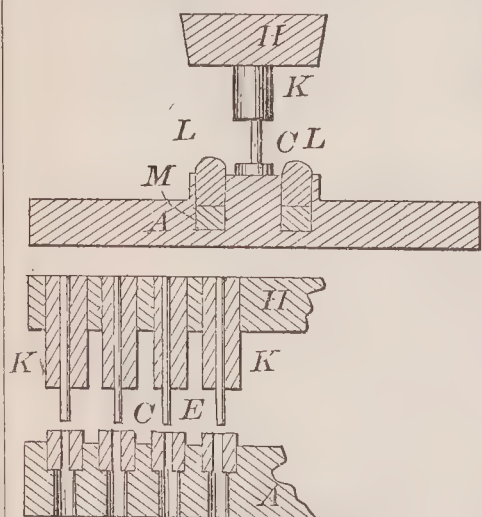
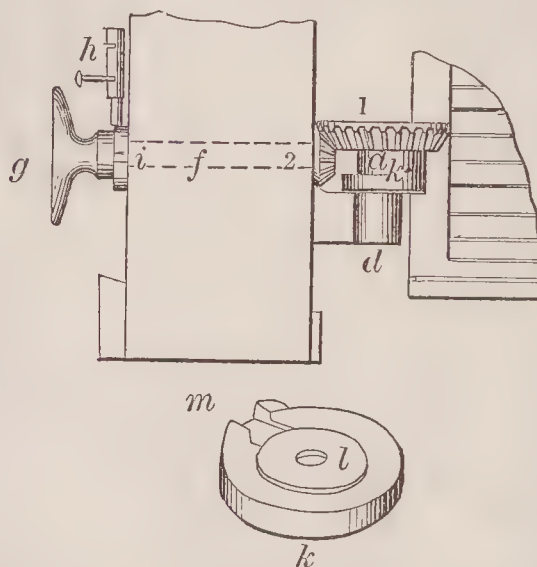
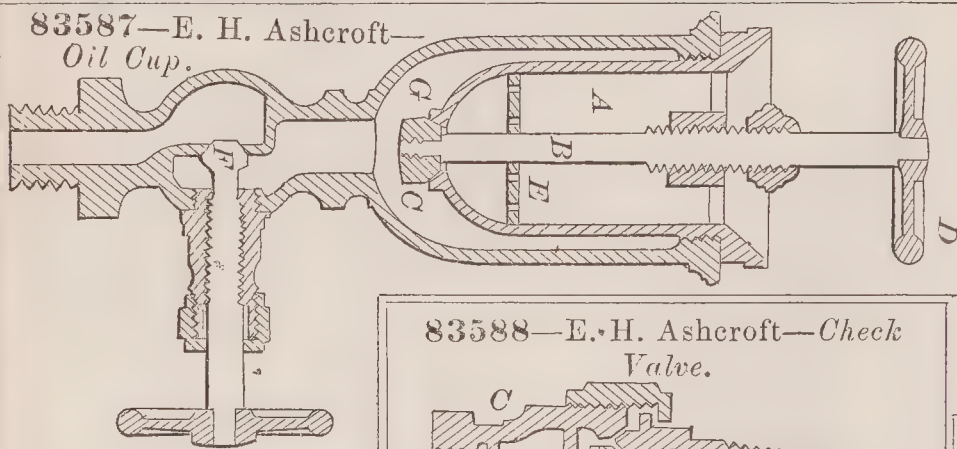
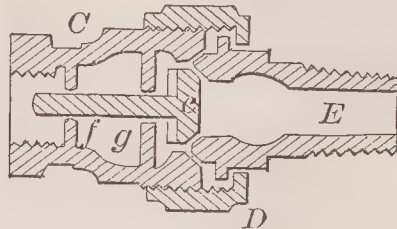
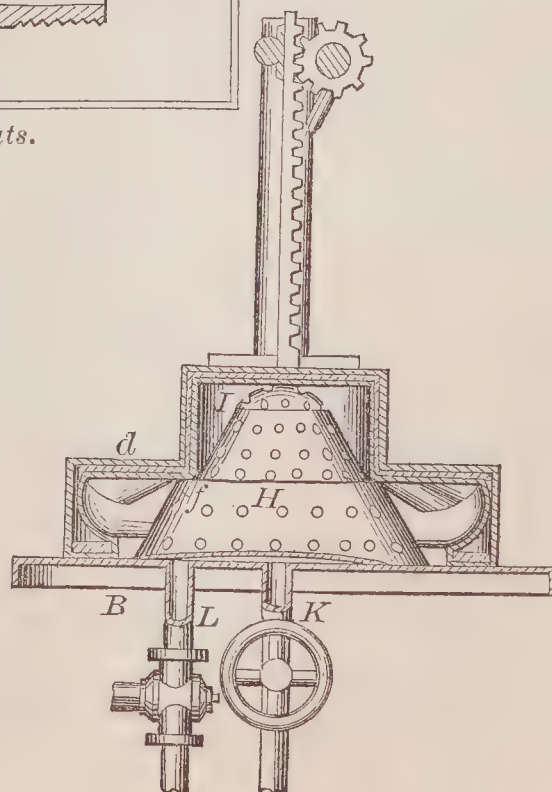
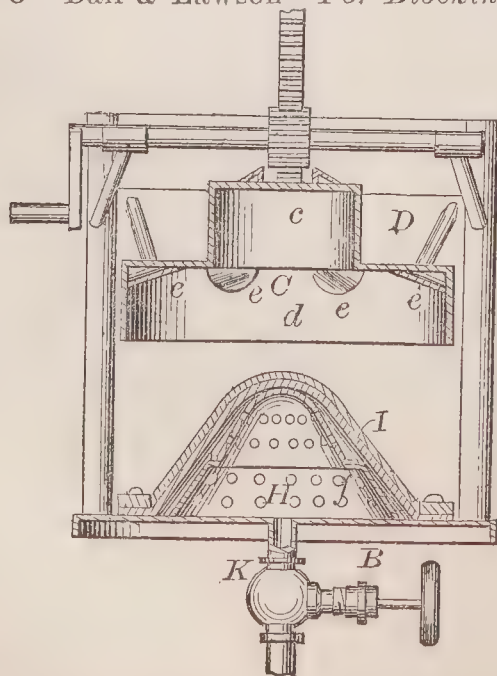
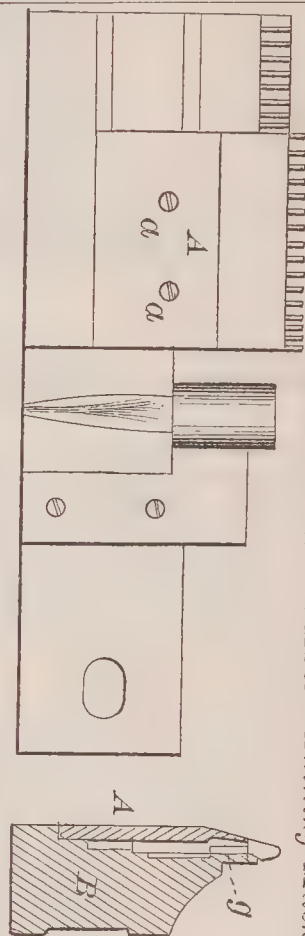
83581—J. Wright—Stop for Umbrella Runners.



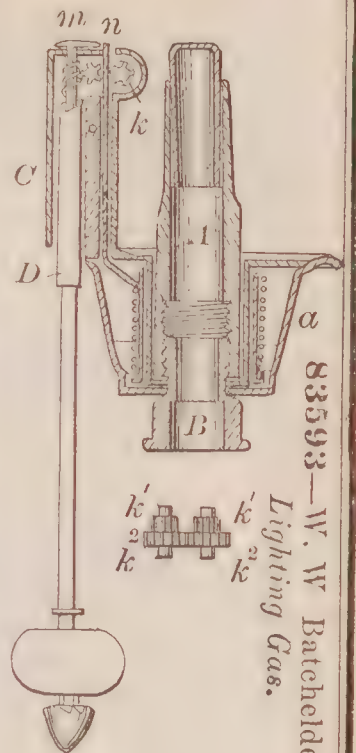
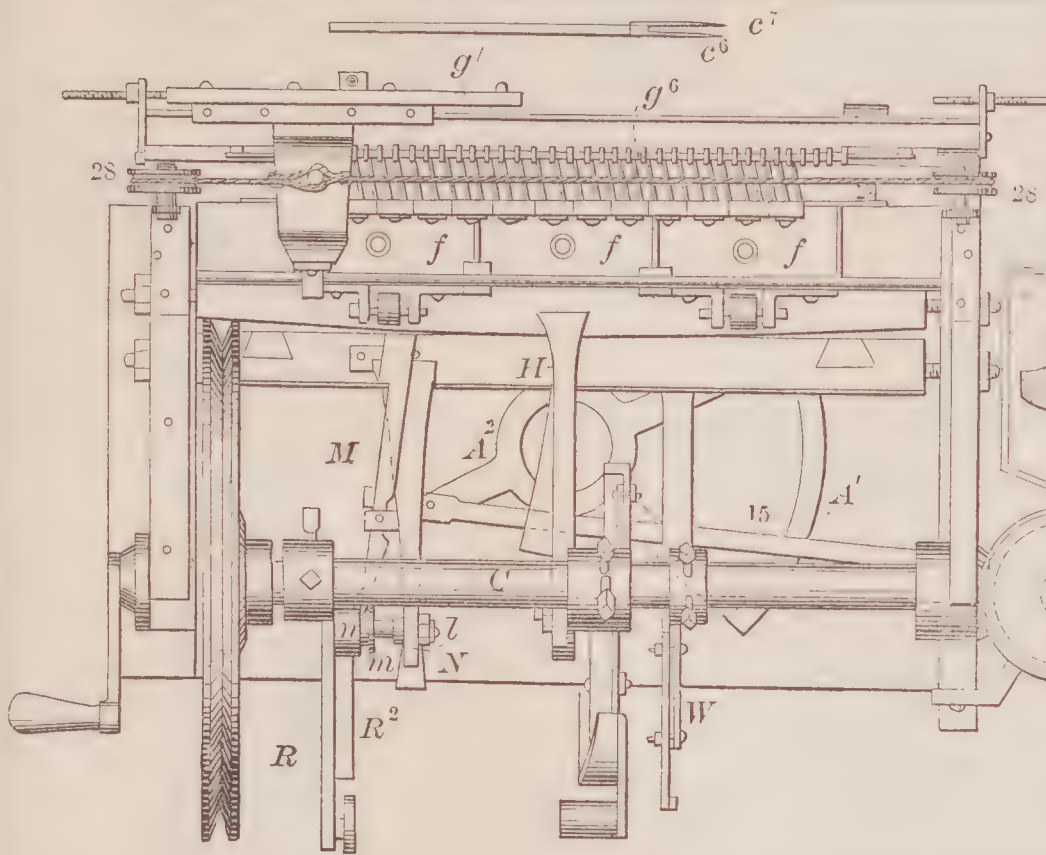
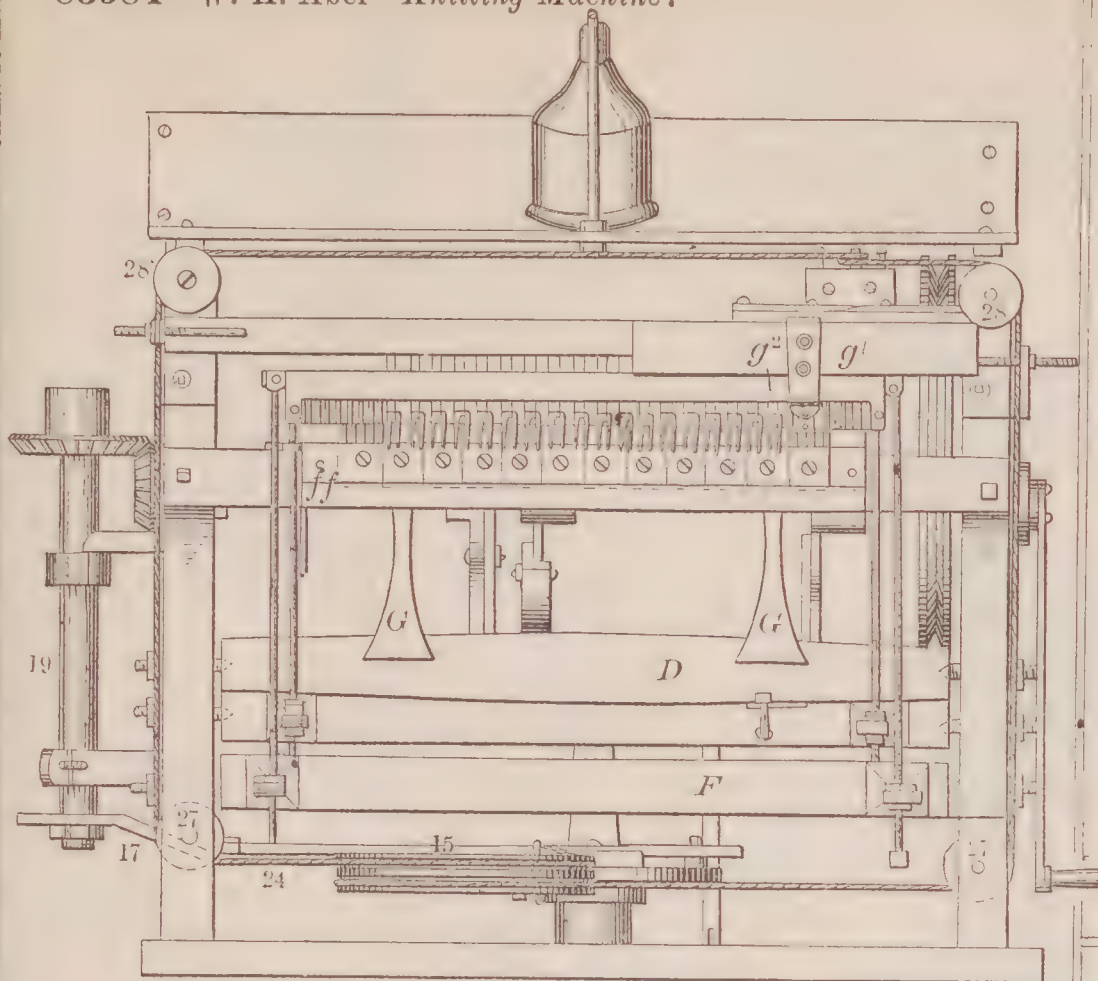
83577—Wilkinson & Boyle—Combined Tool.



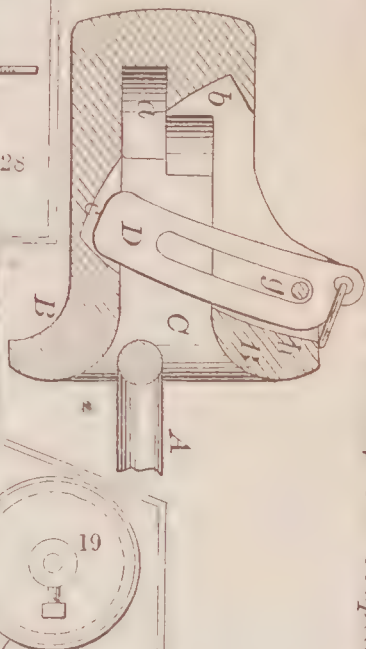


83579—Wolf & Haag—*Water Wheel.*83580—D. Wolf—*Registering Scale.*83586—T. G. Arnold—*Die and Punch.*83585—M. Adler—*Hinge.*83587—E. H. Ashcroft—*Oil Cup.*83588—E. H. Ashcroft—*Check Valve.*83590—Ball & Lawson—*For Blocking Hats.*83583—W. H. Abel—*Knitting Machine.*

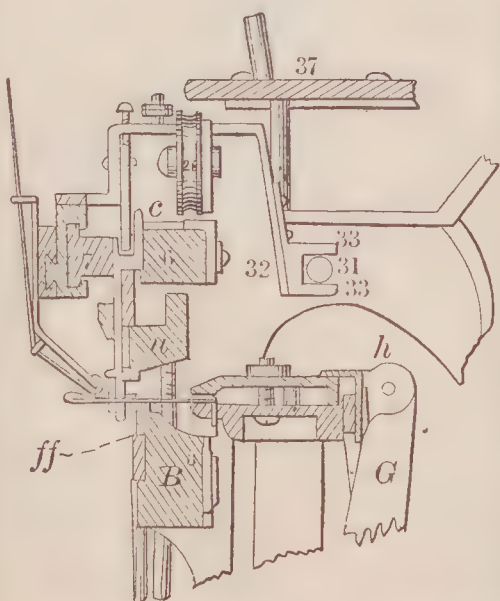
83584—W. H. Abel—*Knitting Machine.*



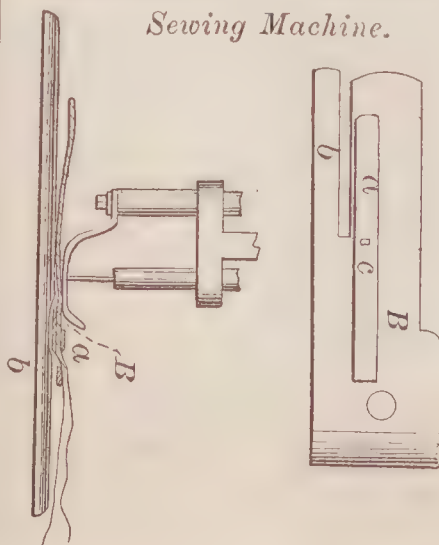
83593—W. W. Batchelder—*Lighting Gas.*



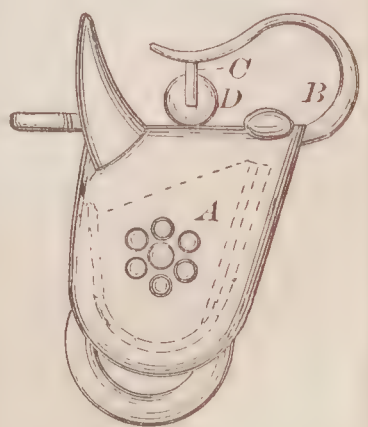
83591—Barthelme & Millar—*Car Coupling.*



83592—W. B. Bartram—*Sewing Machine.*

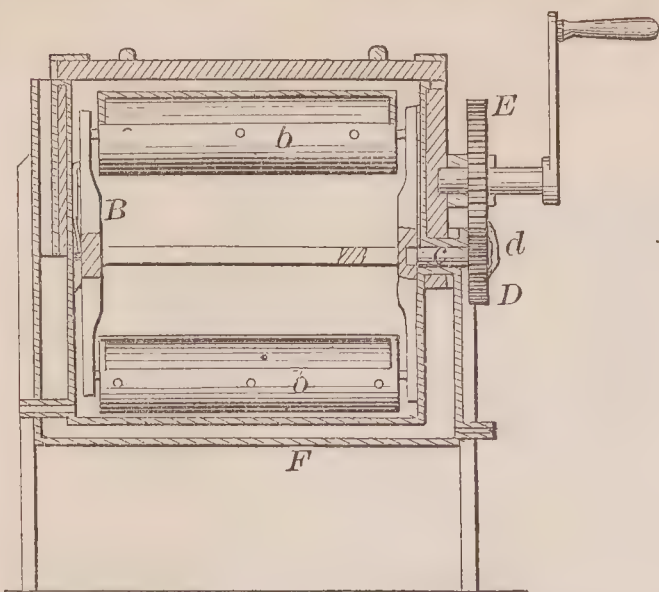


83594—A. Bedford—*Check Hook.*

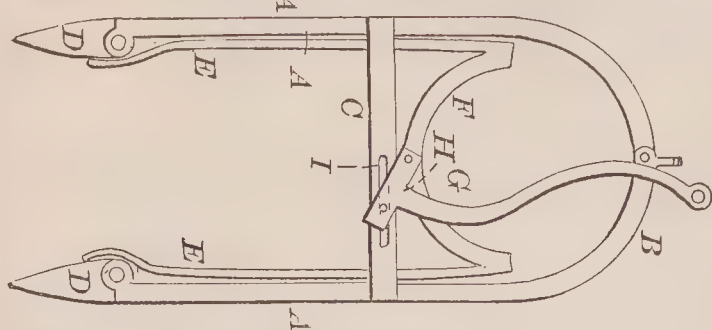




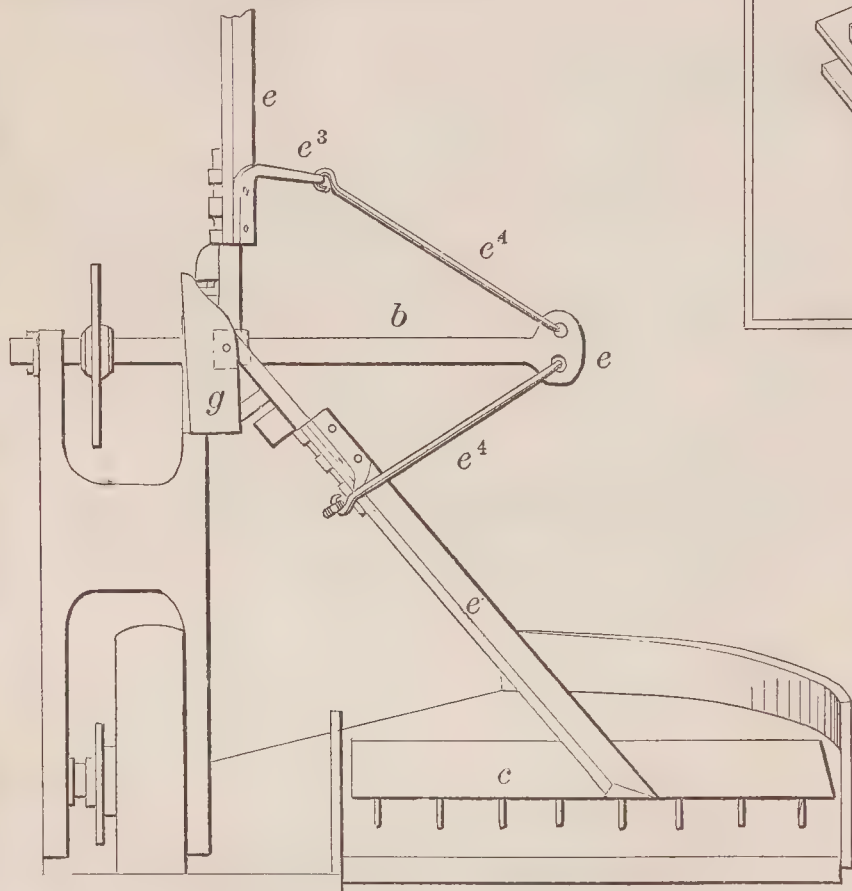
83595—G Beisner—*Churn.*



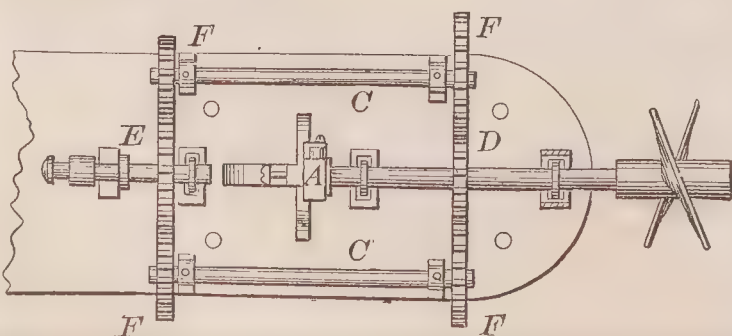
83598—B. S. Borgan—*Horse Hay Fork.*



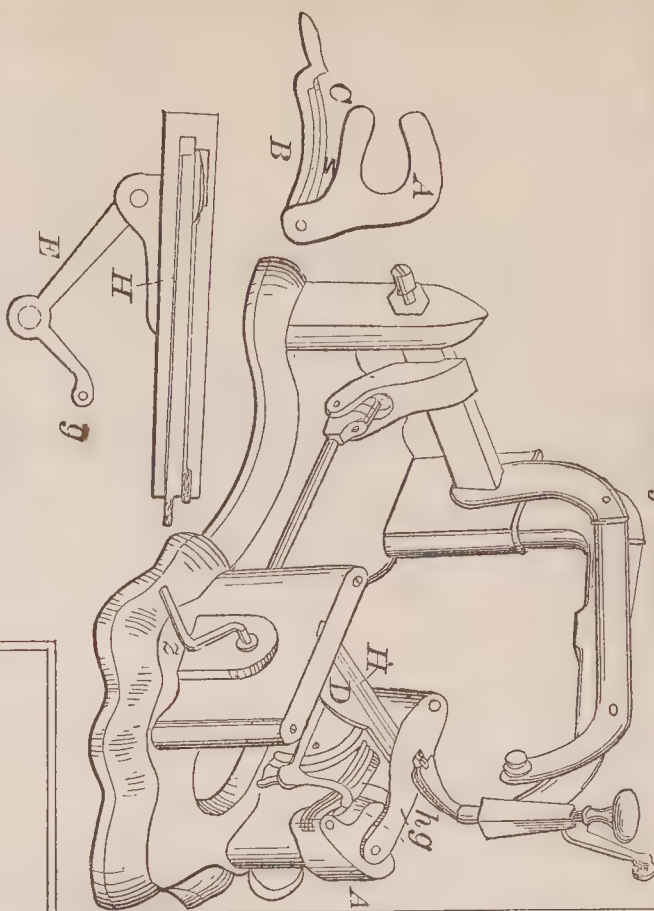
83599—C. T. Burgess—*Harvester Rake.*



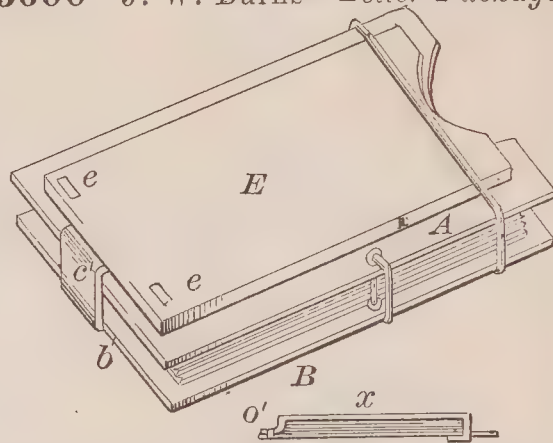
83601—W. Burtis—*Propeller Shaft.*



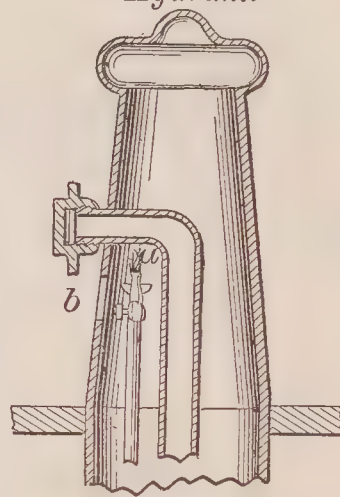
83596—C. P. Benedict—*Sewing Machine.*



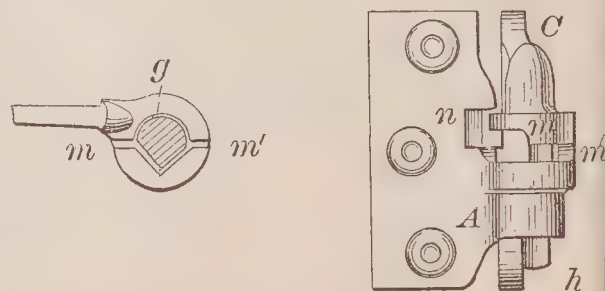
83600—J. W. Burns—*Letter Package.*



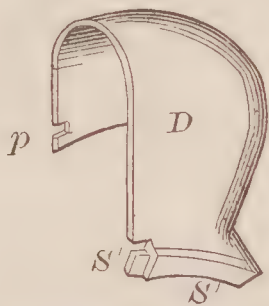
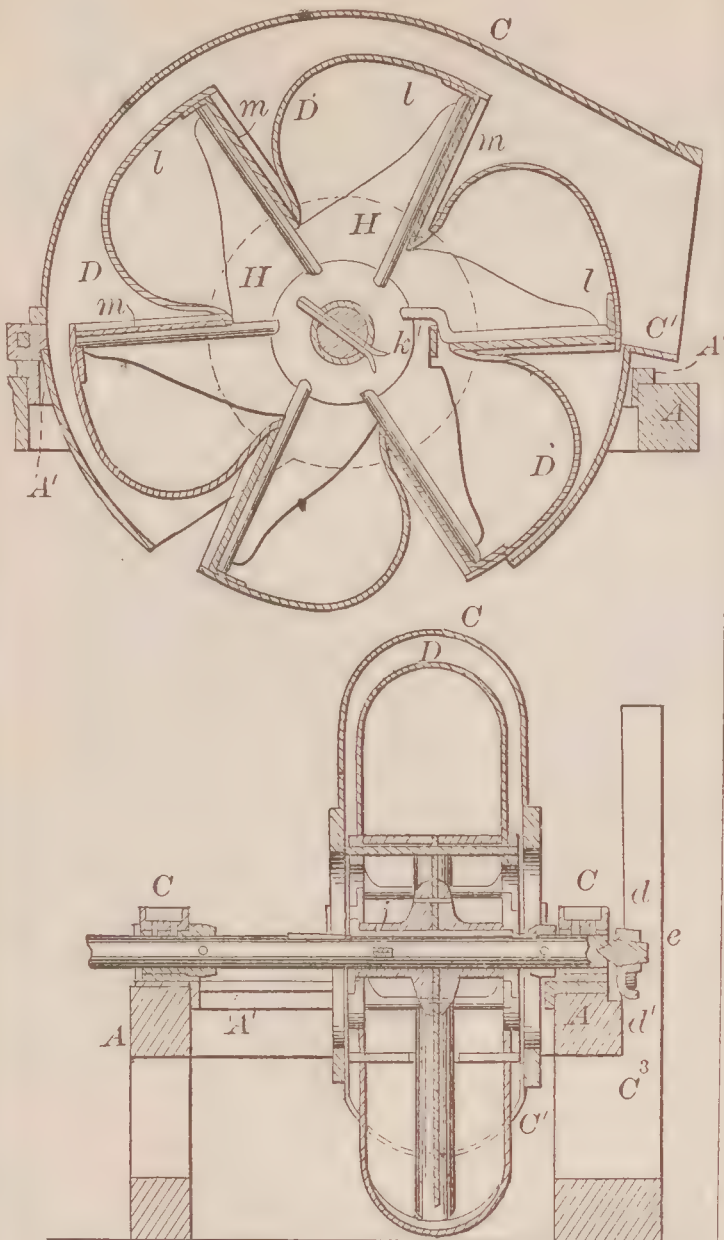
83602—J. E. Carter—*Hydrant.*



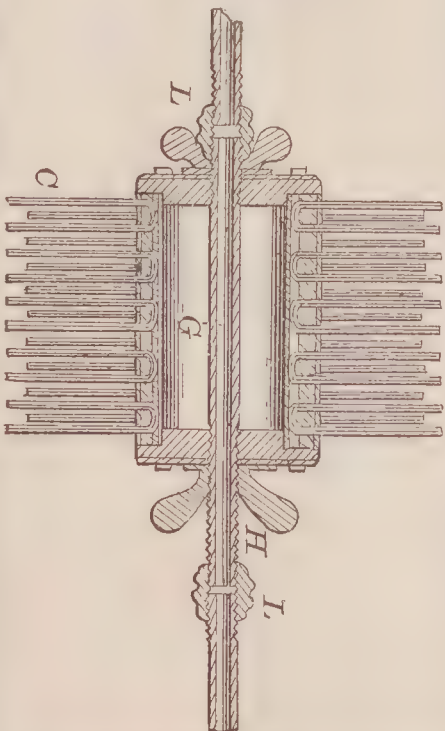
83603—C. B. Clark—*Blind Hinge.*



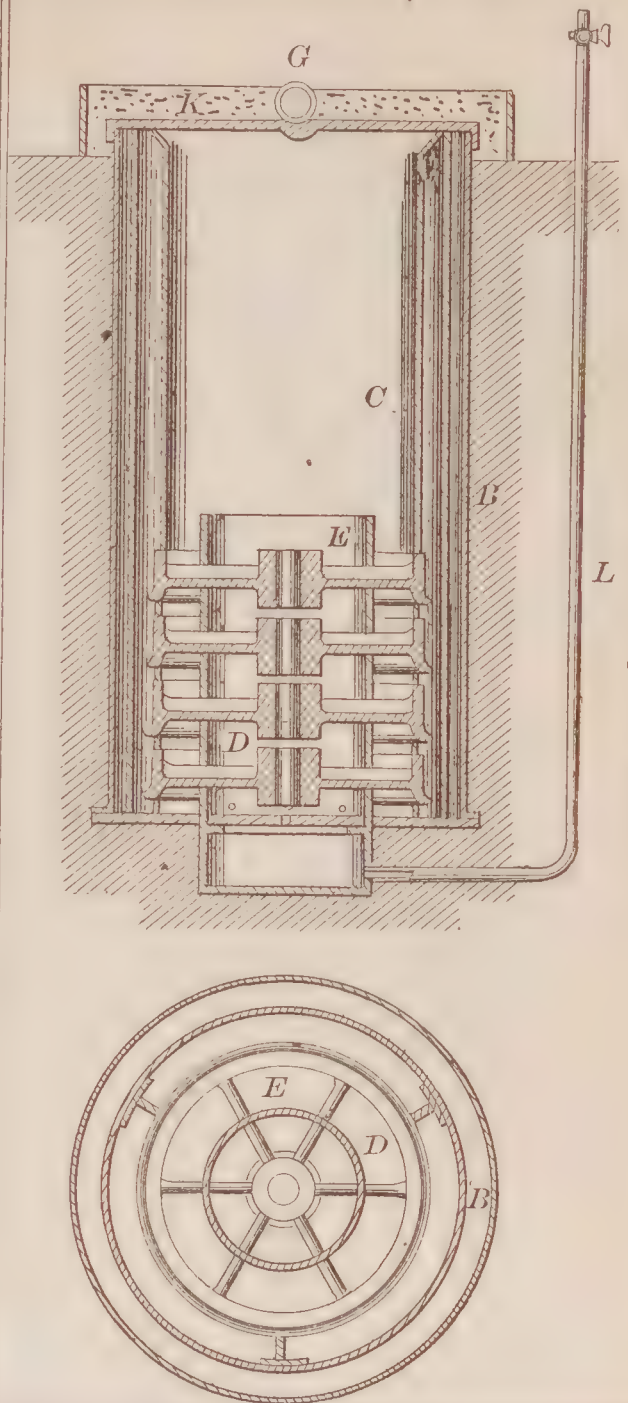
83604—M. J. Colbourn—*Water Wheel.*



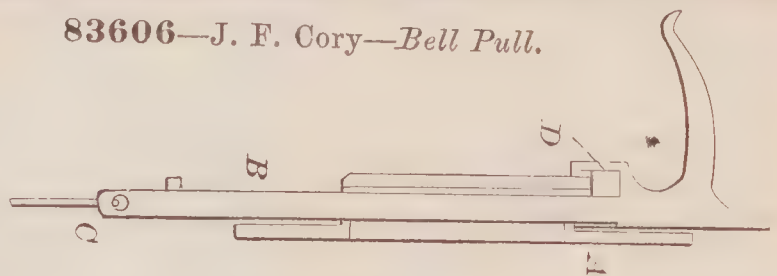
83607—P. H. Coyle—*Boiler Flue Brush.*



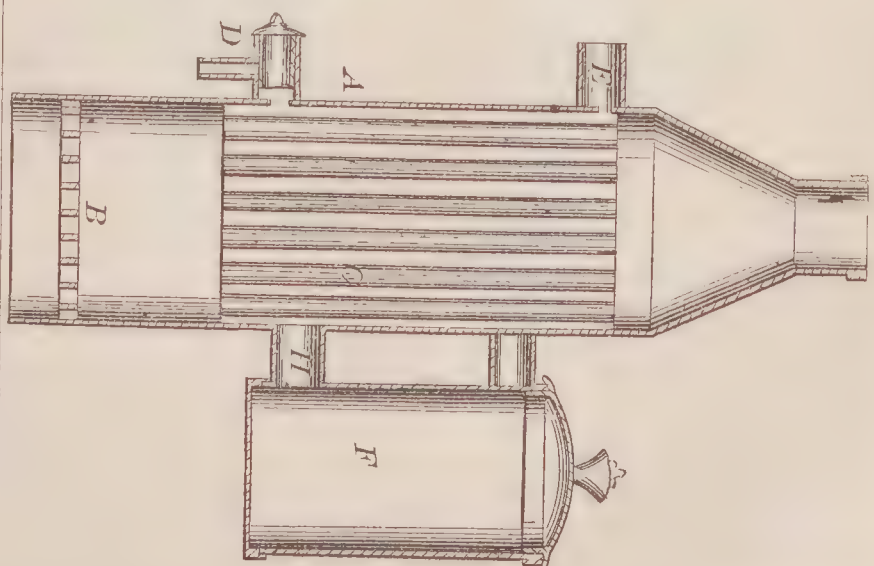
83605—W. J. Cochran—*For Annealing Car Wheels.*



83606—J. F. Cory—*Bell Pull.*

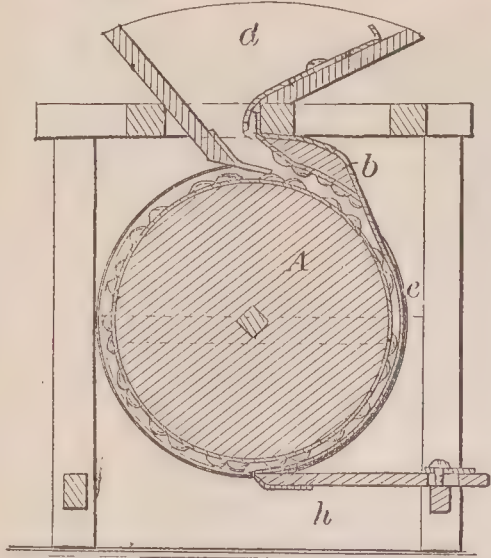


83608—J. A. Davis—*Steam Generator.*

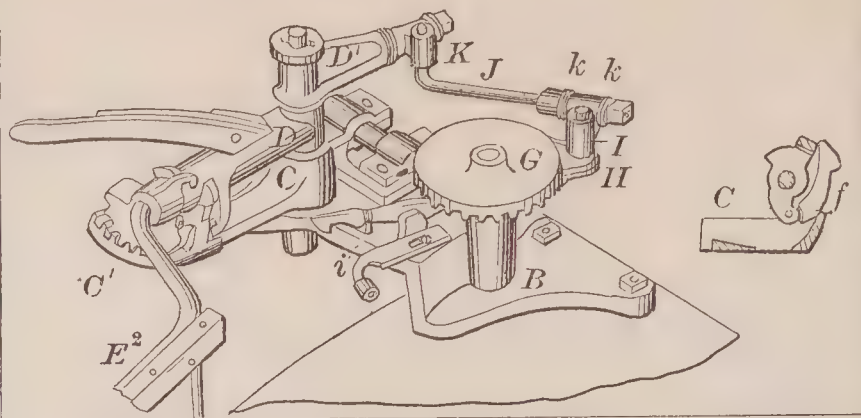




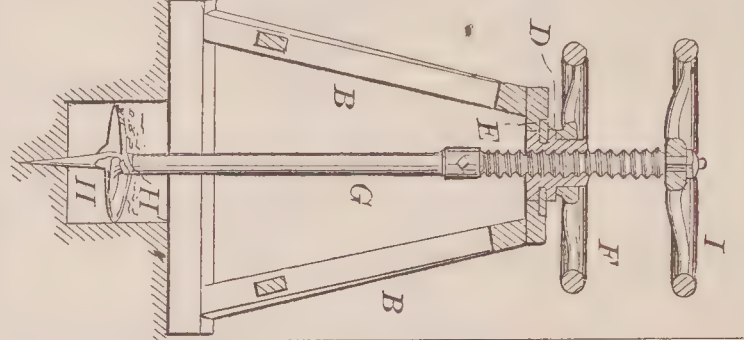
83609—C. de St. Charles—*Coffee Huller and Polisher.*



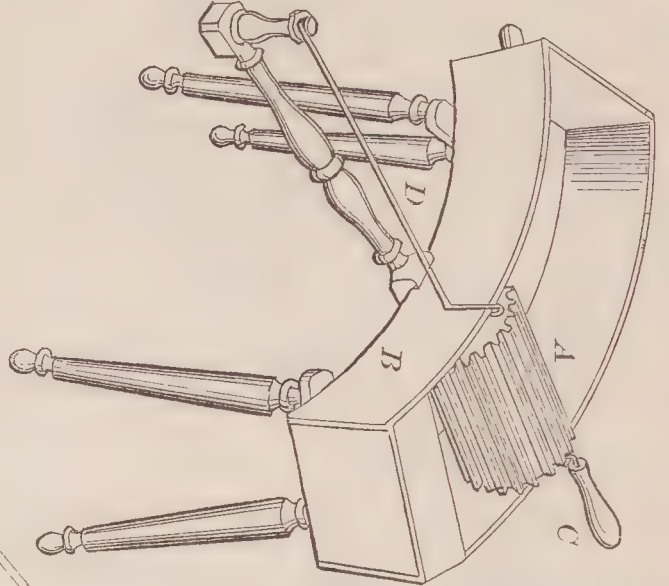
83610—J. Dick, Jr.—*Harvester Rake.*



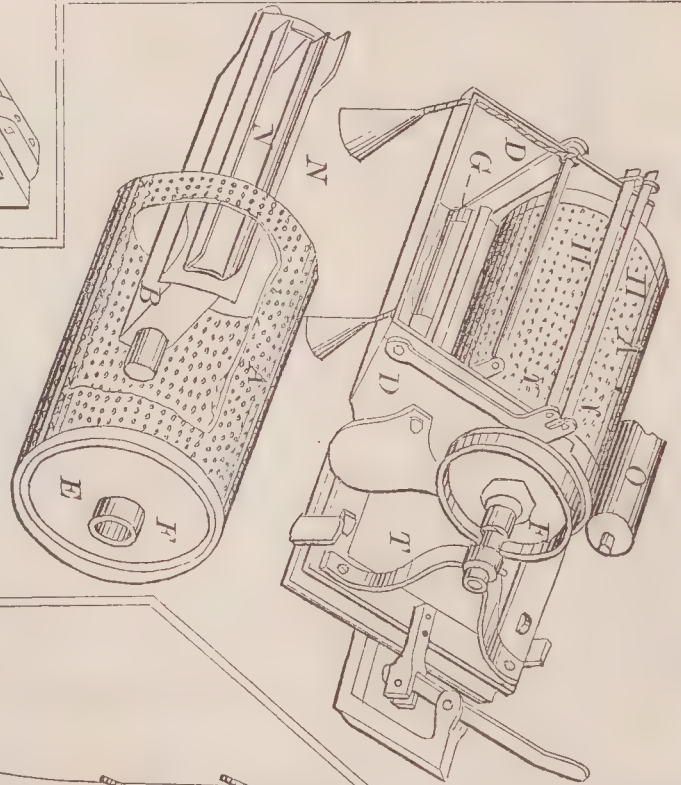
83611—J. B. Draper—*Post Auger.*



83613—D. Estes—*Washing Machine.*



83616—E. T. Ford—*Manufacture of Paper.*



83612—J. W. Eardly—*Corn Marker.*

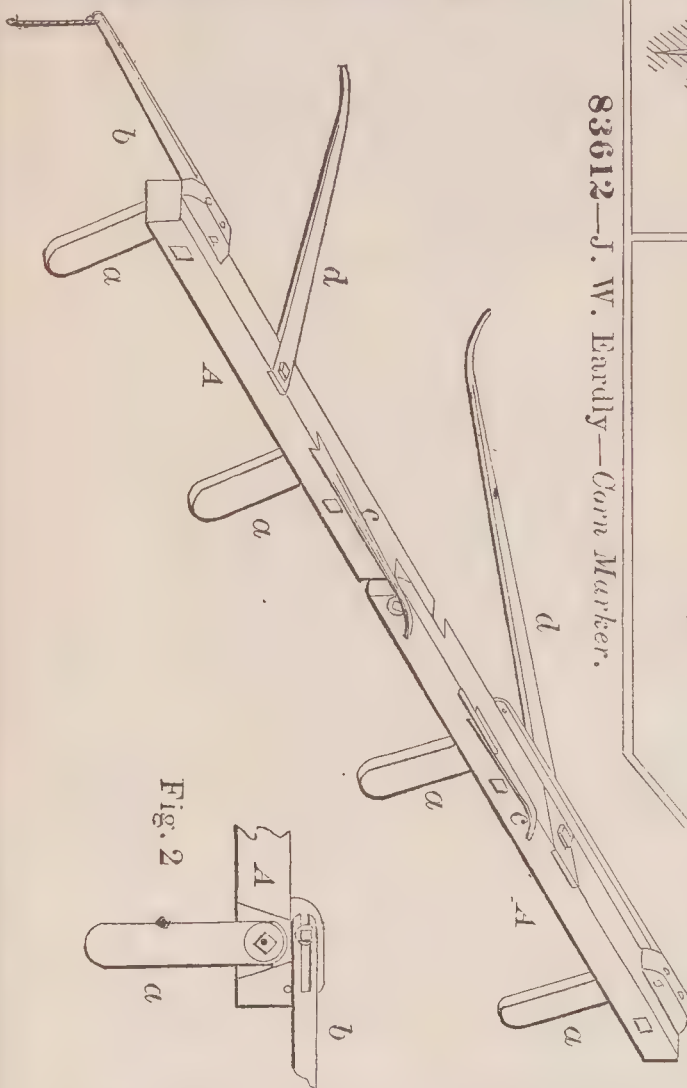
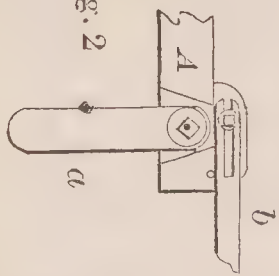
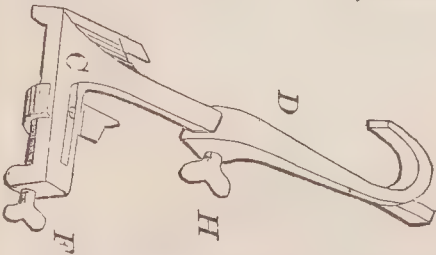


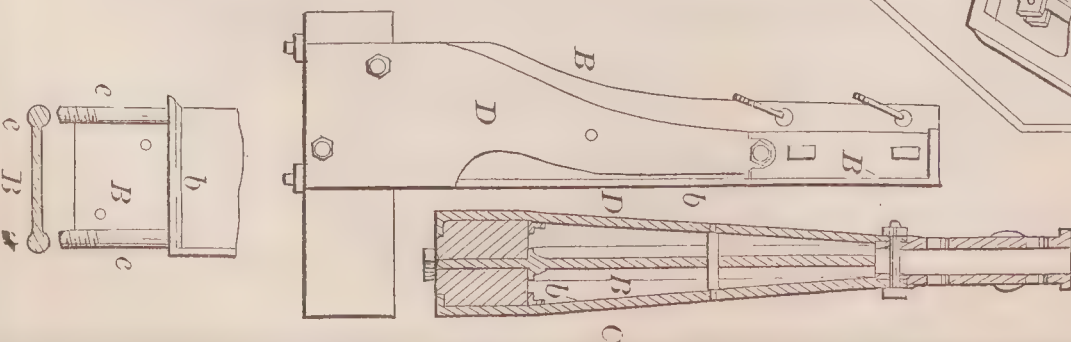
Fig. 2



83618—E. T. Ford—*Wrench.*

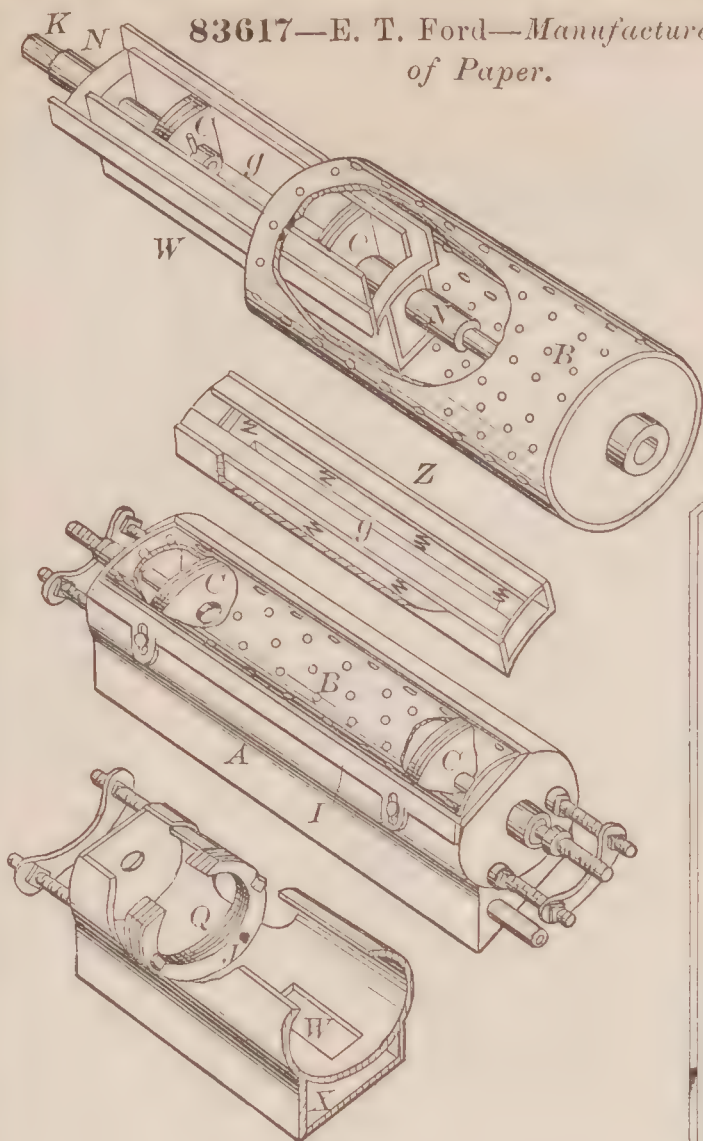


83614—A. Fassett—*Wagon Stake.*

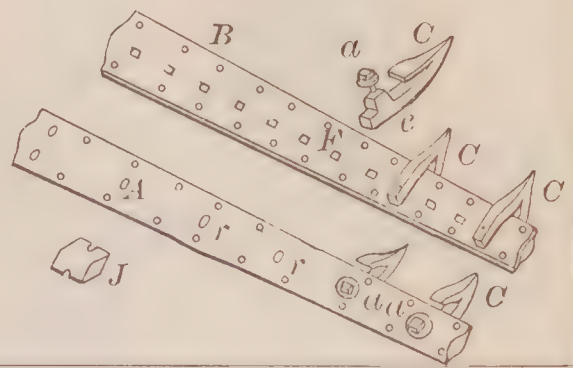




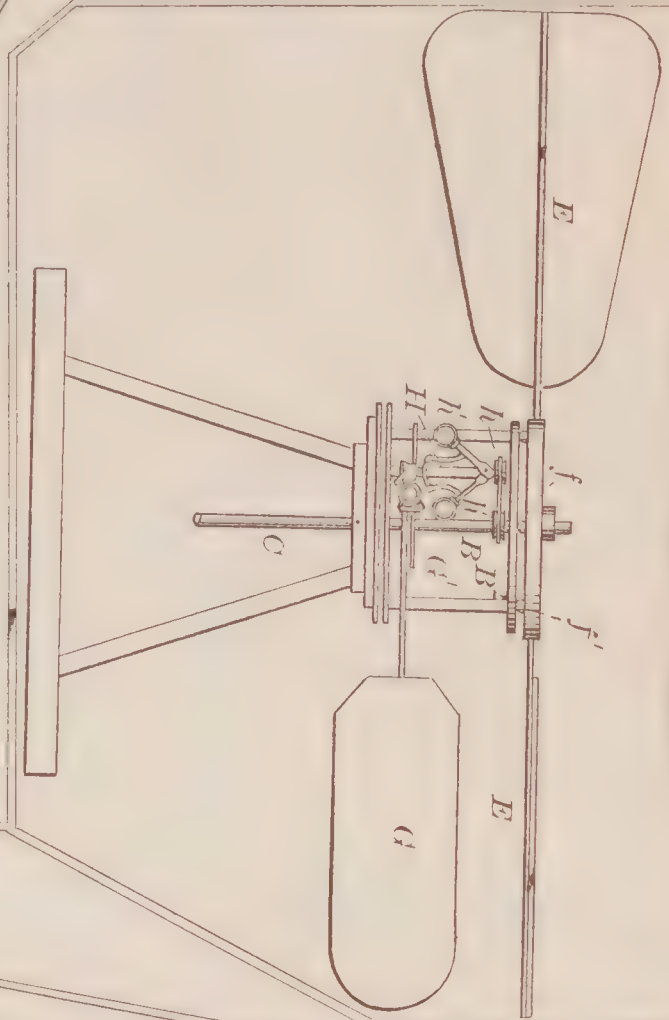
83617—E. T. Ford—*Manufacture of Paper.*



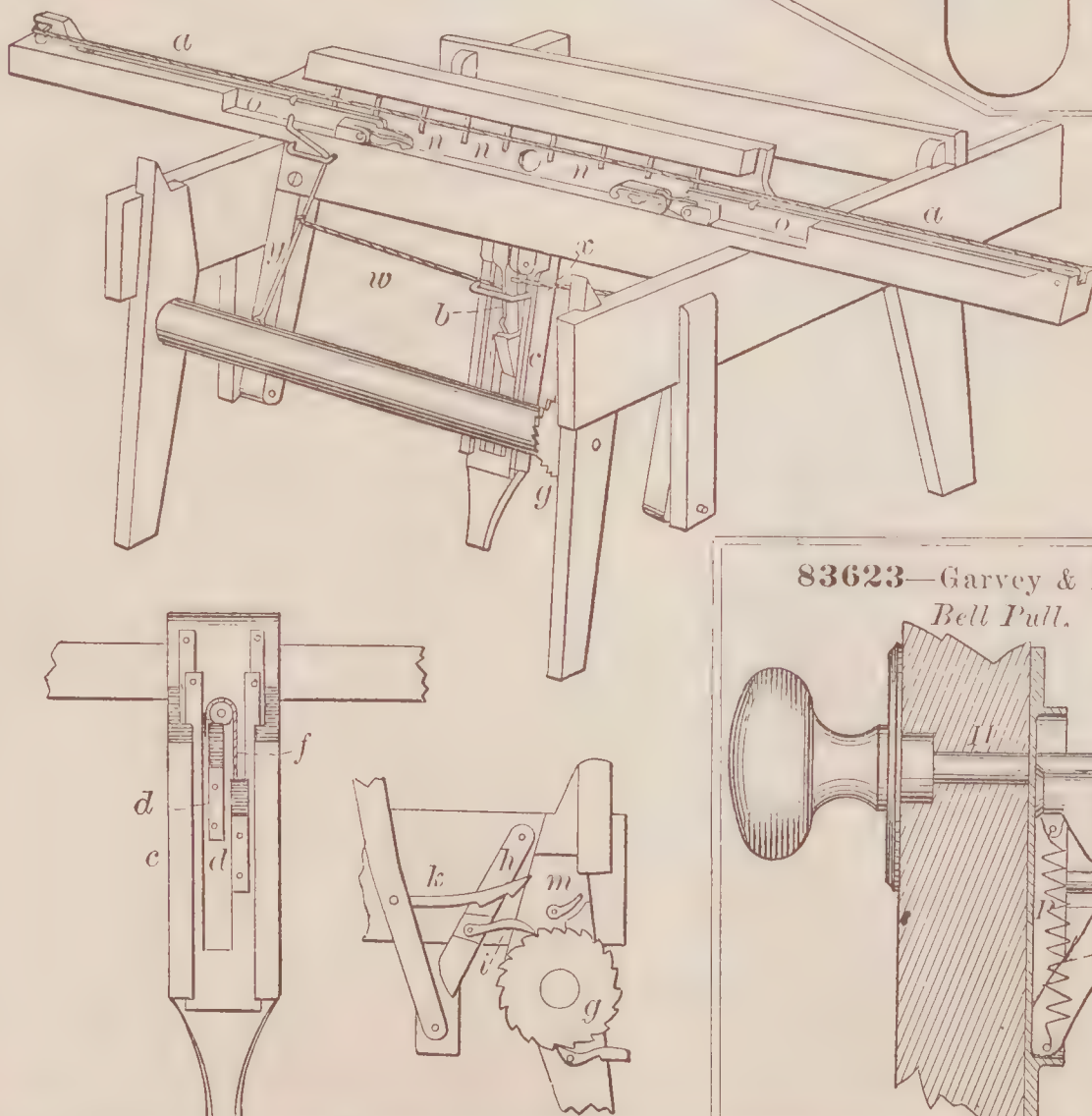
83619—E. T. Ford—*Harvester.*



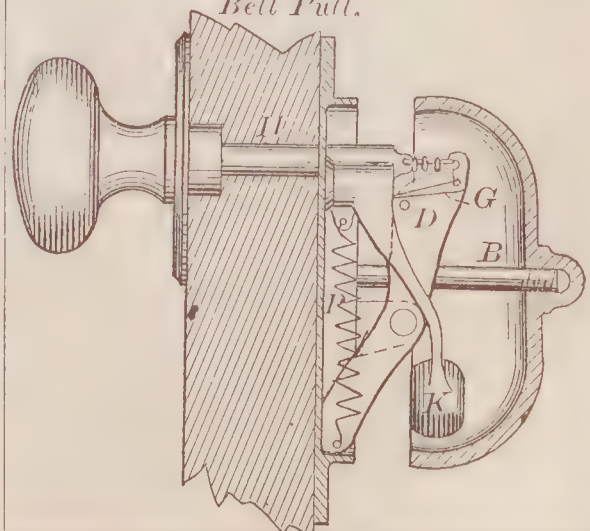
83620—J. Frazee—*Windmill.*



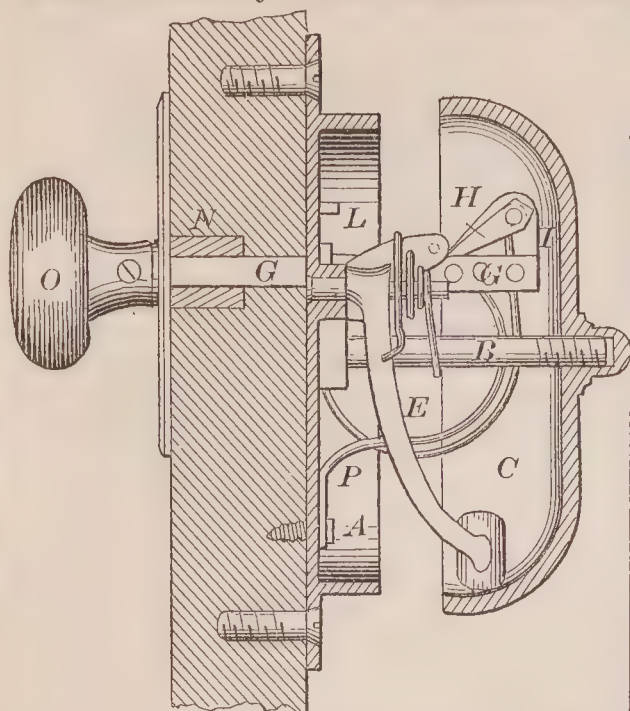
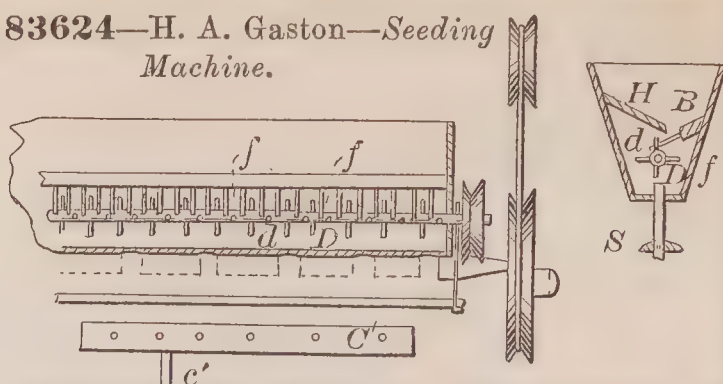
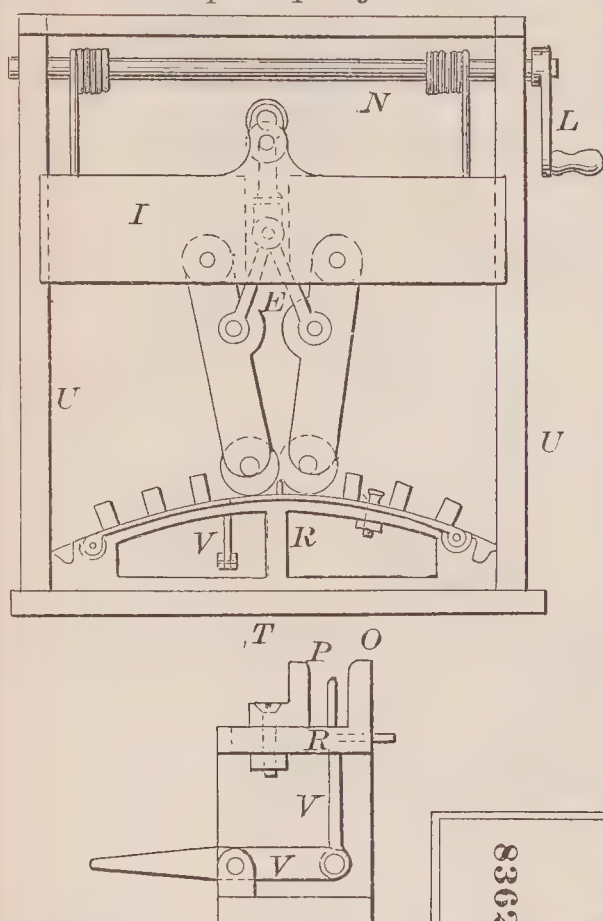
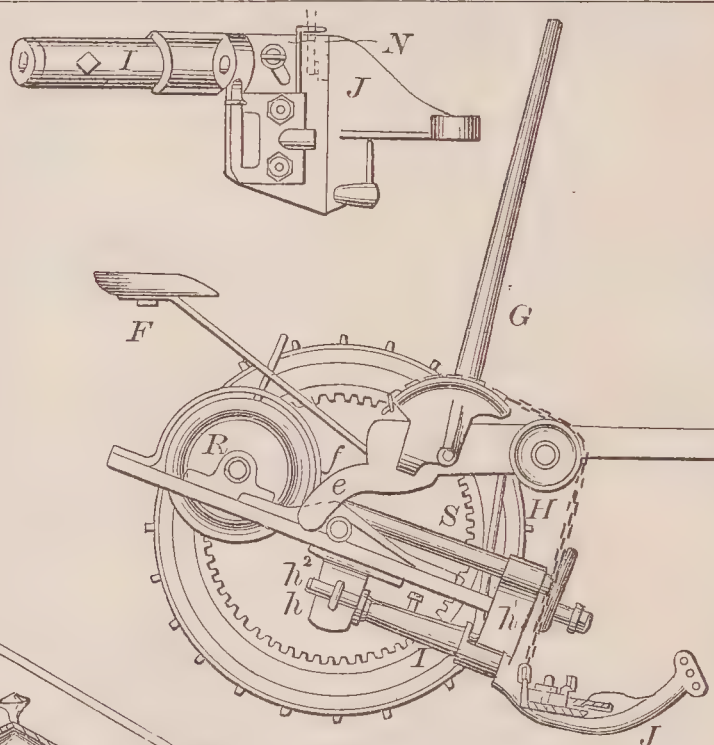
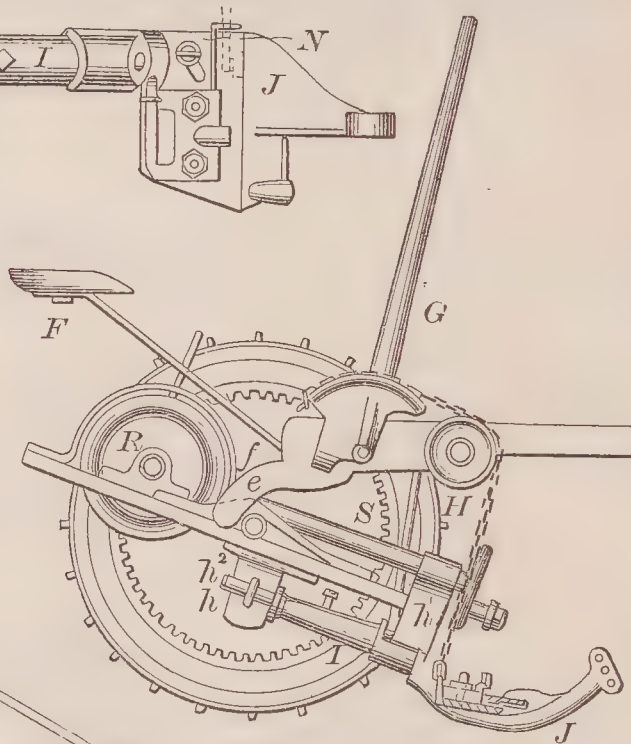
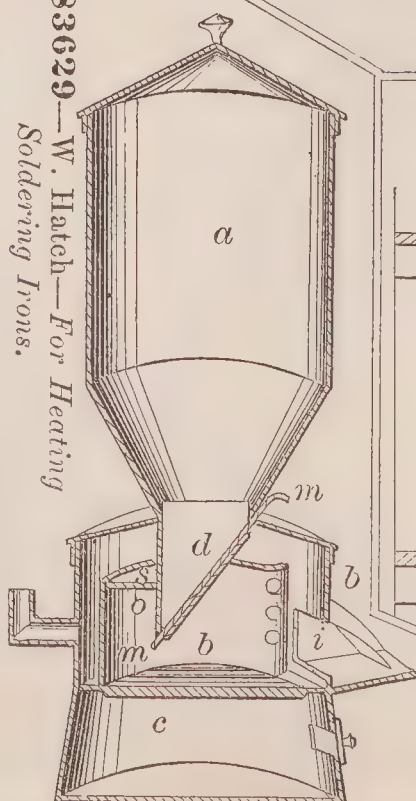
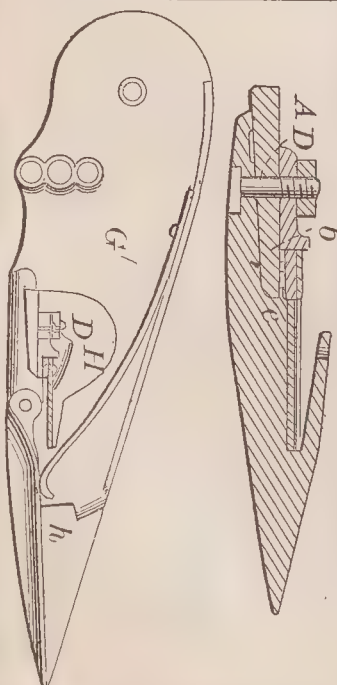
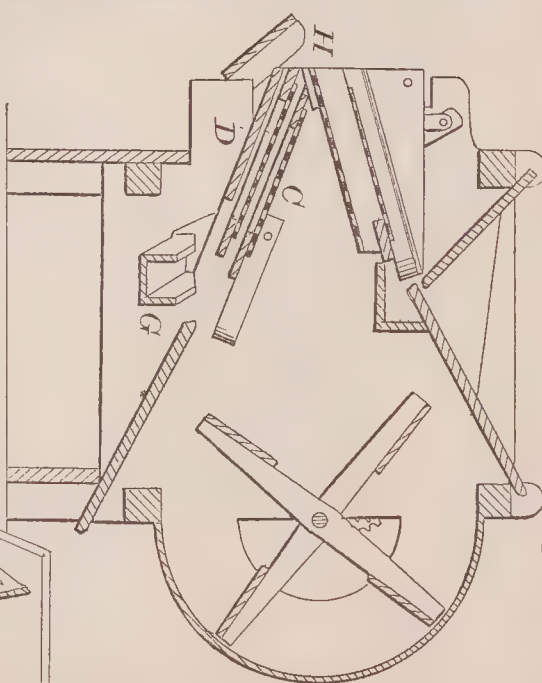
83621—J. G. Garretson—*Loom.*



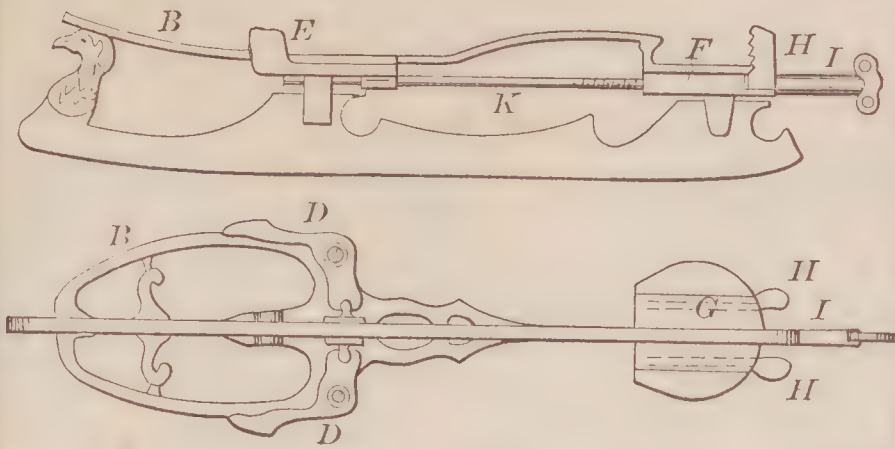
83623—Garvey & Kimball—*Bell Pull.*





83622—Garvey & Kimball—*Bell Pull.*83624—H. A. Gaston—*Seeding Machine.*83625—J. Gatchell—*For Bending Elliptic Springs.*83626—H. C. Goodspeed—*Sash.*83627—M. Hallenbeck—*Harvester.*83629—W. Hatch—*For Heating Soldering Irons.*83628—M. Hallenbeck—*Harvester.*83630—D. Hathaway—*Grain Separator.*

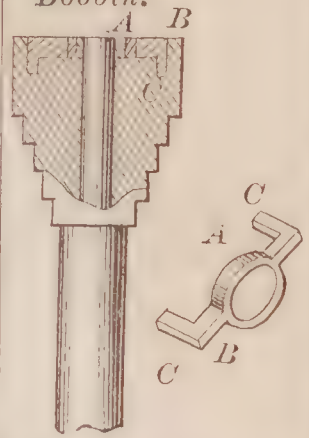
83631—G. Havell—*Skate.*



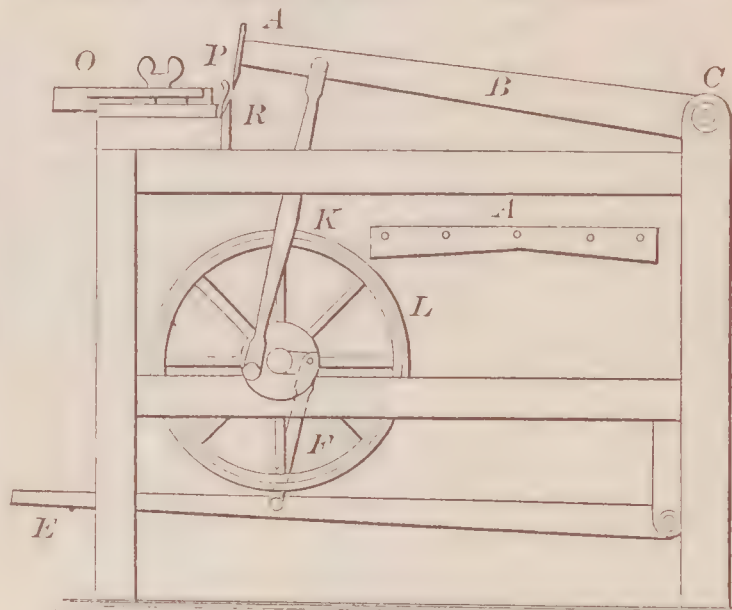
83632—O. R. Hight—*Window Sash and Frame.*



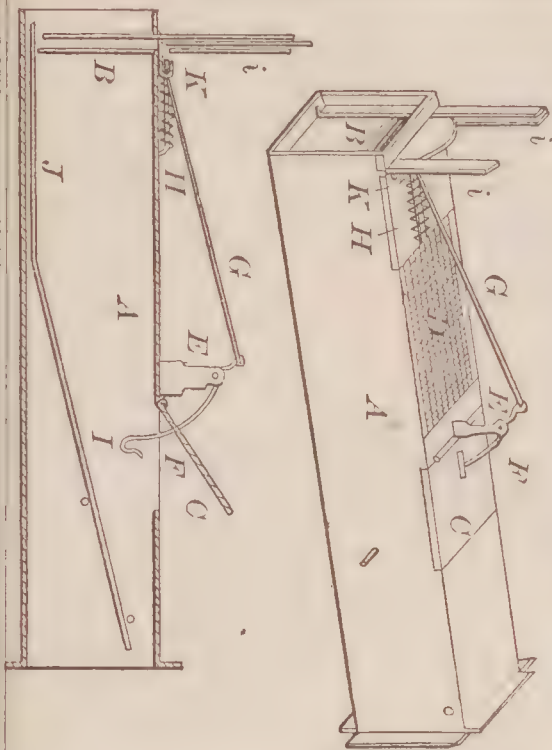
83635—H. J. Hubbard—*Bobbin.*



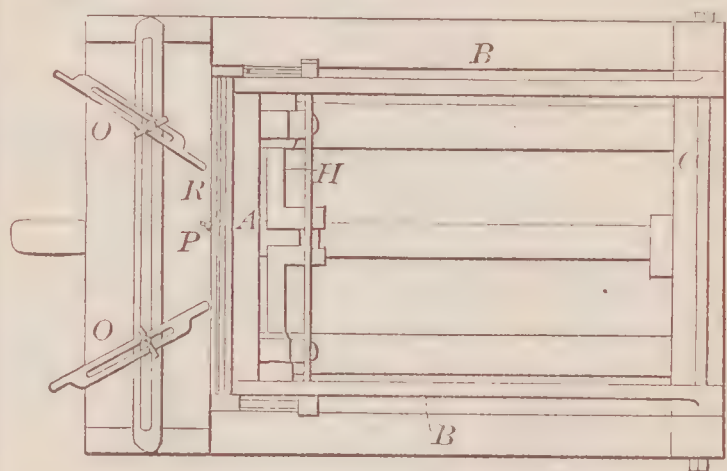
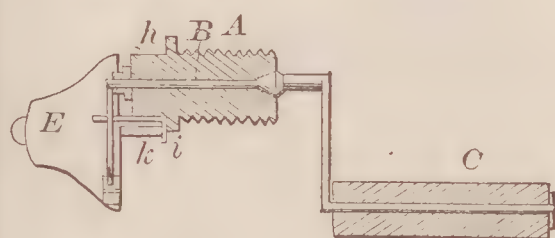
83634—Hopper & Hetzell—*Slate Cutter.*



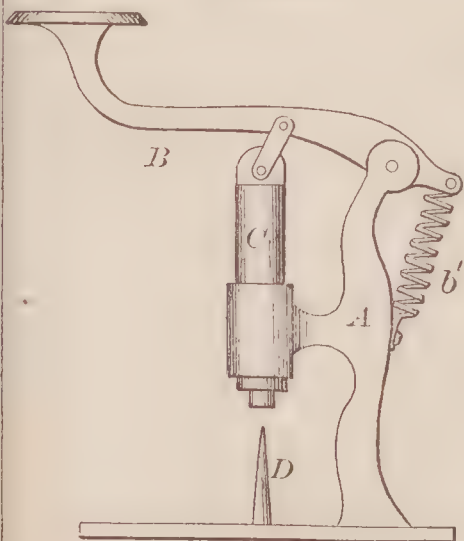
83633—T. M. Hill—*Animal Trap.*



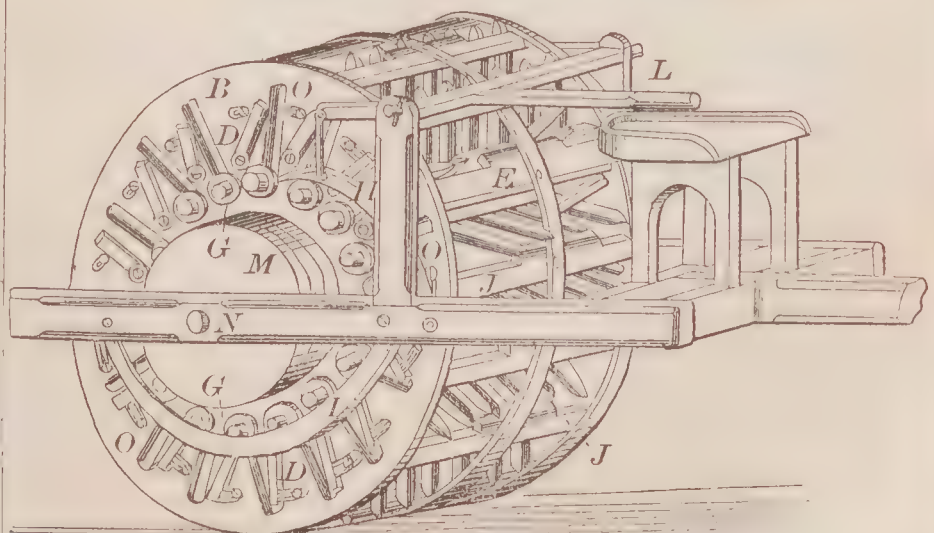
83638—E. Joyce—*Low Water Indicator.*



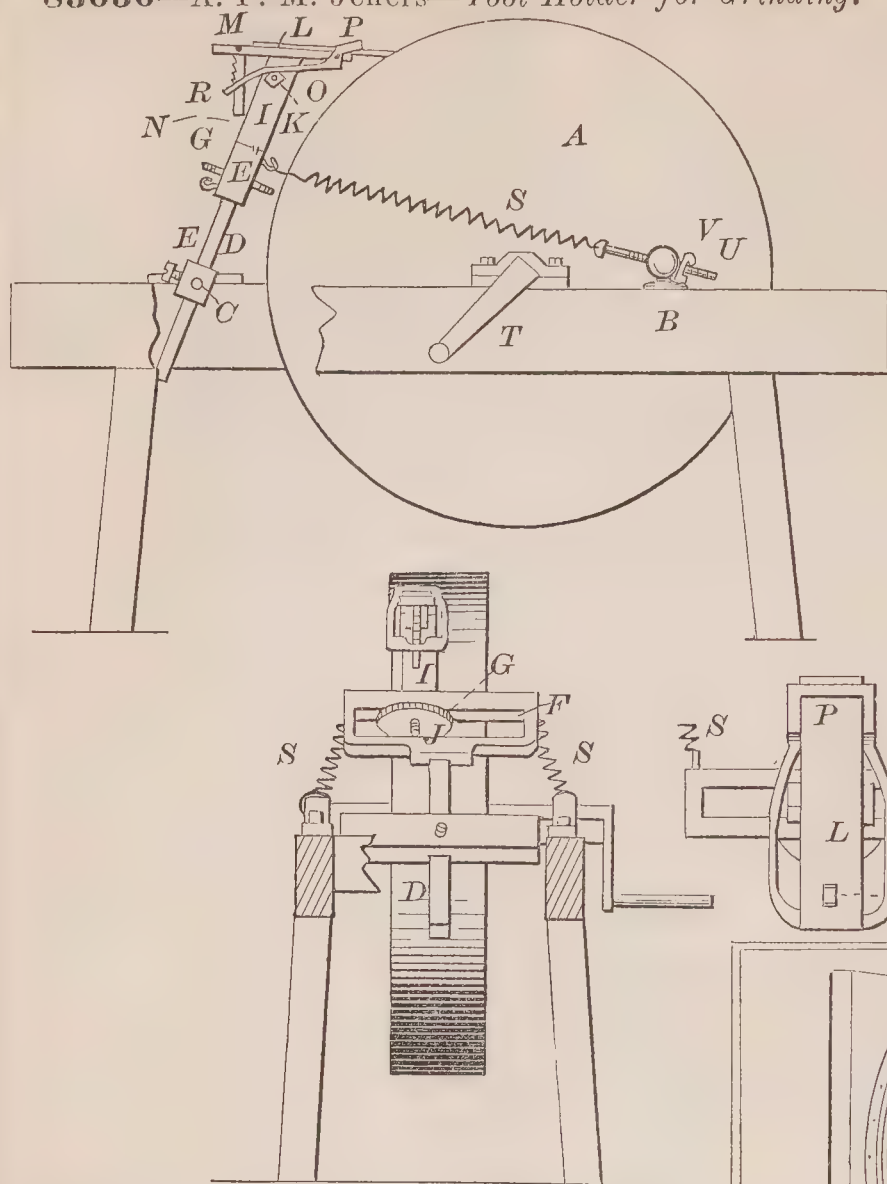
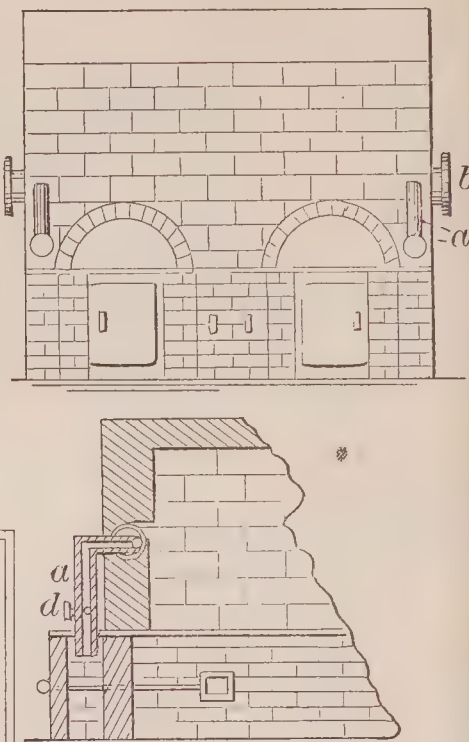
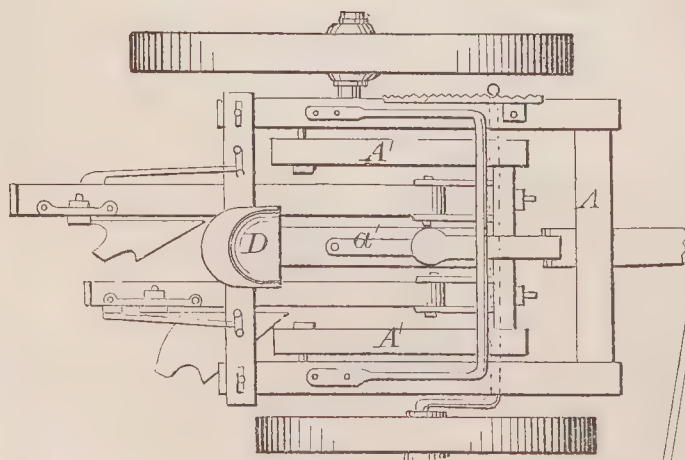
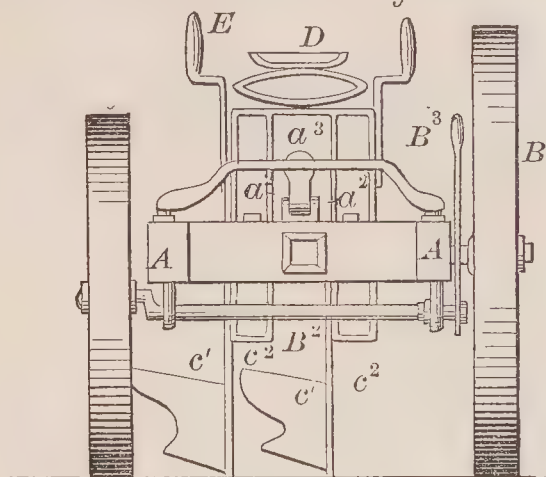
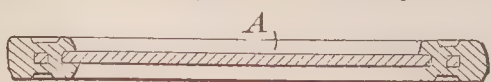
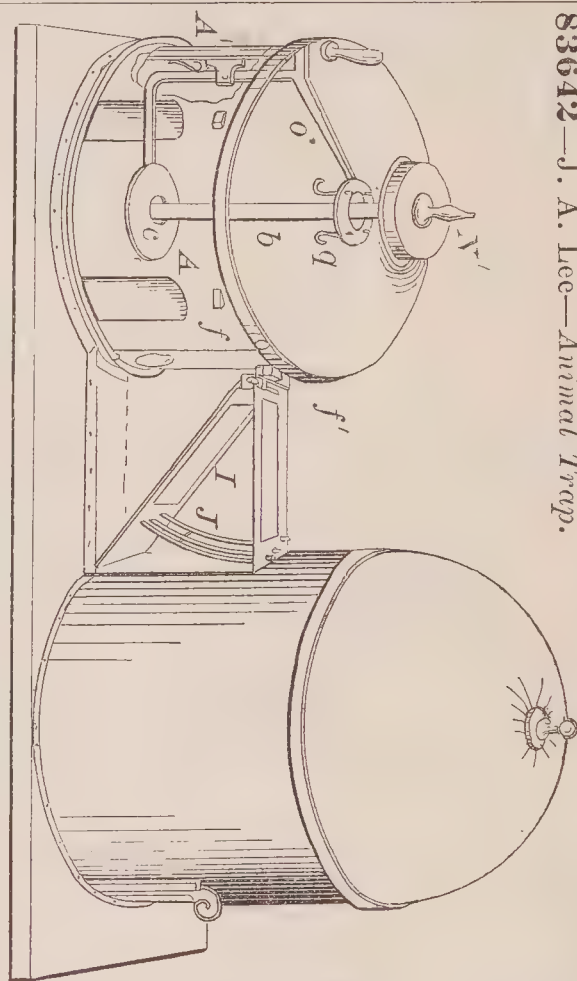
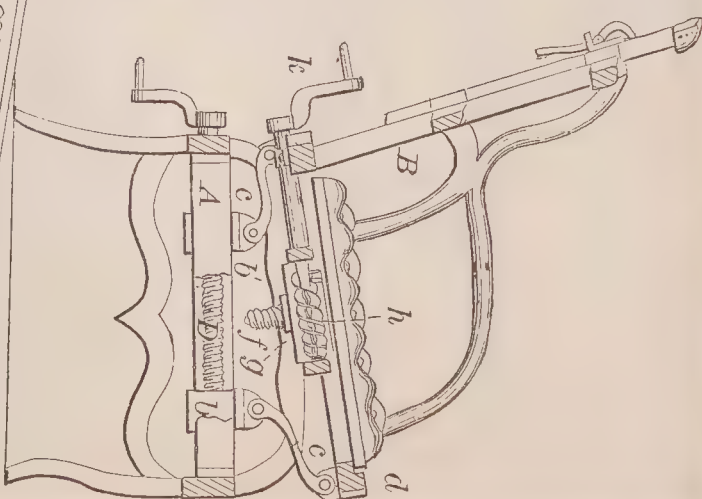
83640—A. J. Kletzker—*Fastener.*



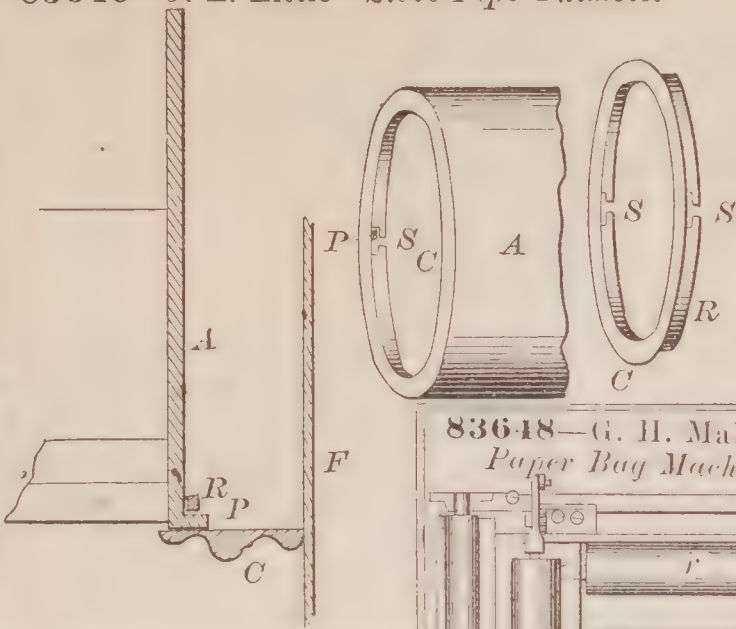
83639—E. H. Kent—*Rotary Spading Machine.*



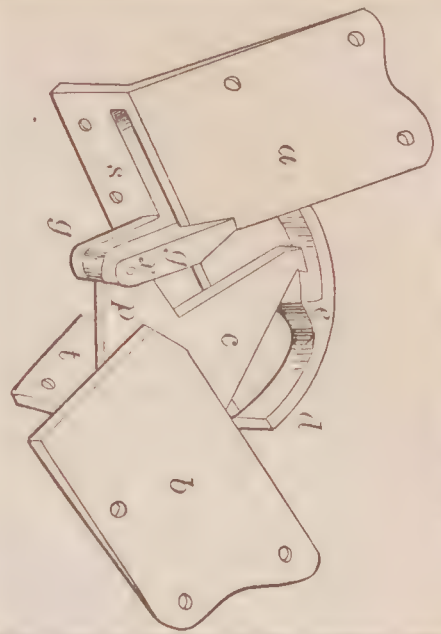


83636—A. P. M. Jeffers—*Tool Holder for Grinding.*83643—D. Lees—*Manufacture of Oxide of Zinc.*83641—J. D. Kneidler—*Gang Plow.*83645—Leighton & Severy—*Slate.*83642—J. A. Lee—*Animal Trap.*83644—Leidecker & Cron—*Chair.*

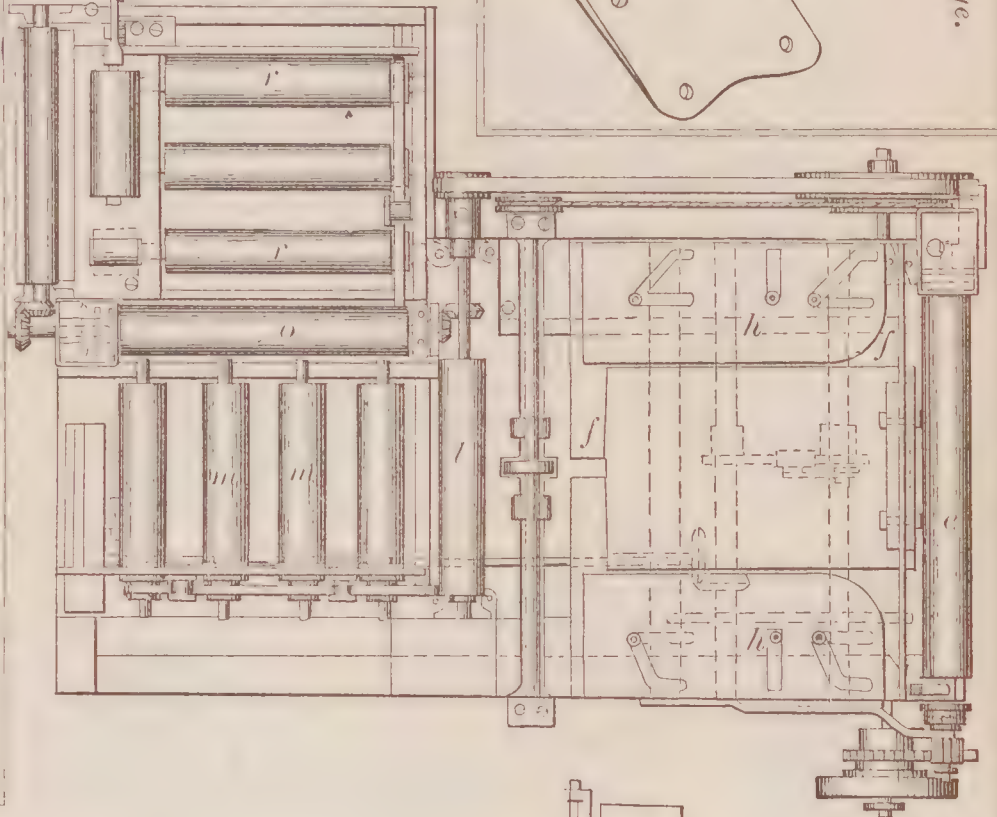
83646—J. L. Little—*Stove Pipe Thimble.*



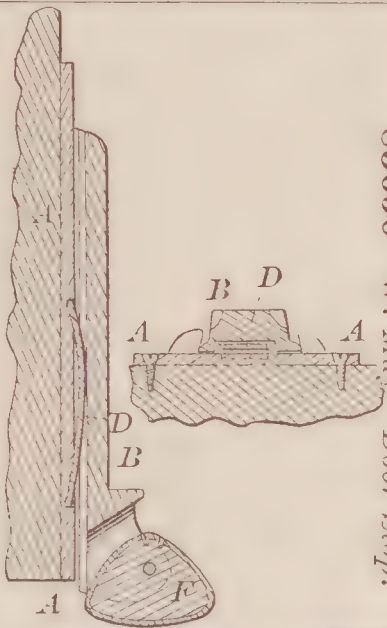
83647—O. Luce—*Trunk Hinge.*



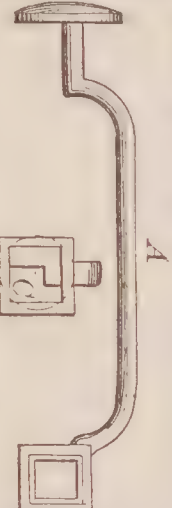
83648—G. H. Mallary—*Paper Bag Machine.*



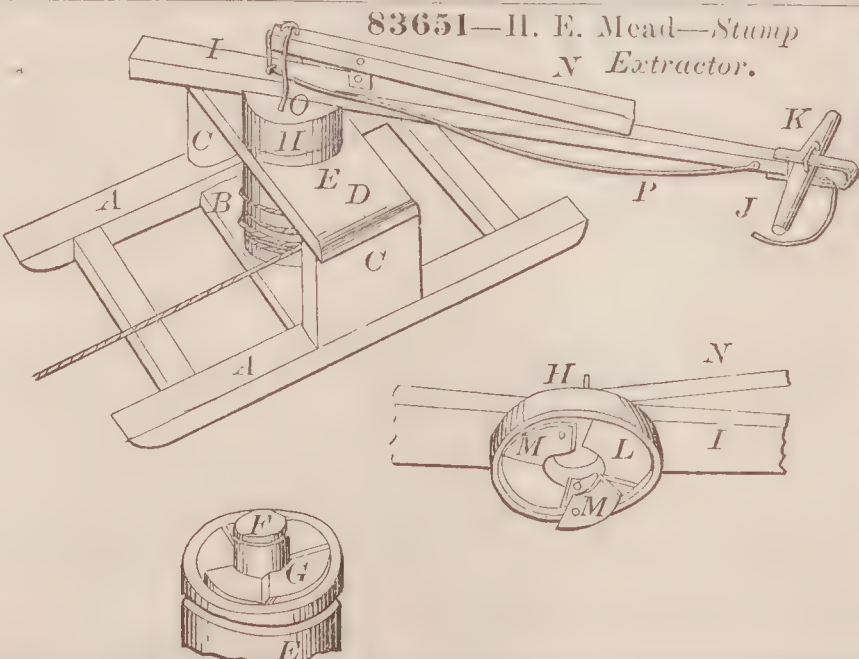
83650—W. May—*Door Stop.*



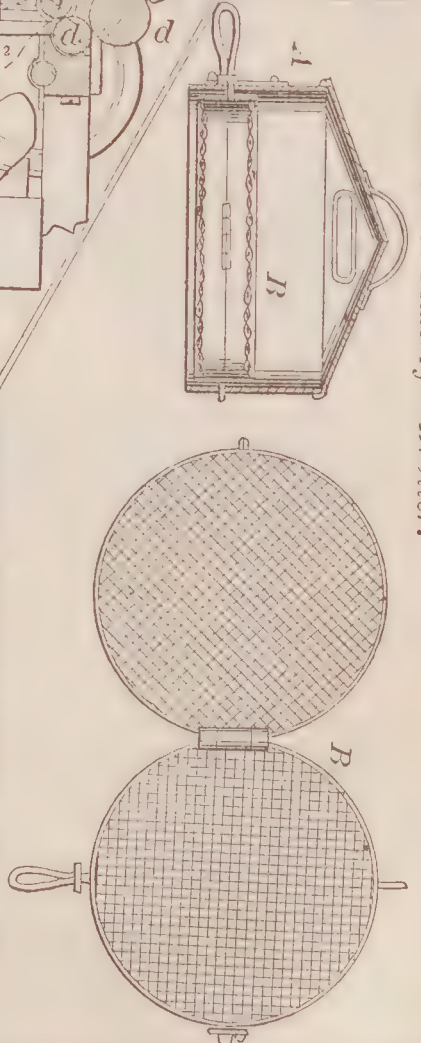
83654—F. L. Oliver—*Wrench.*



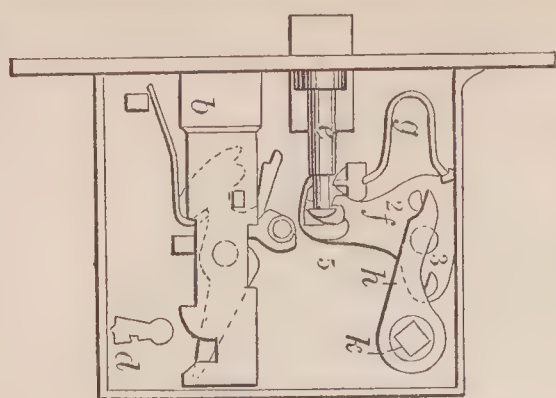
83651—H. E. Mead—*Stamp N Extractor.*



83649—J. Mallory—*Boiler.*

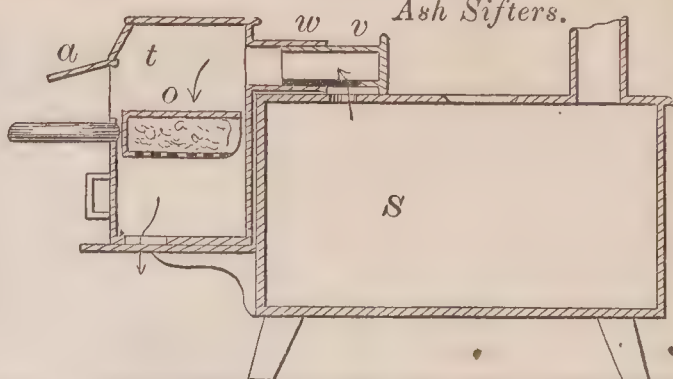




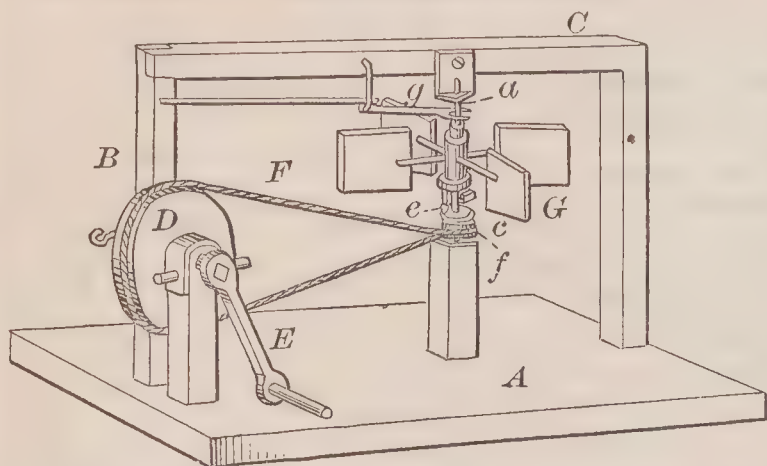


83652—W. T. Munger—  
Knob Latch.

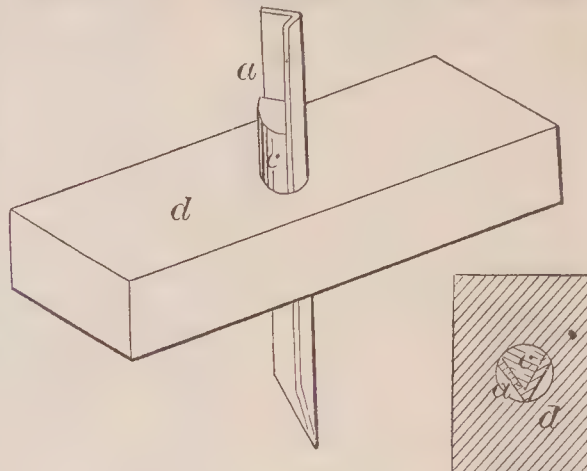
83653—H. A. Newhall—Ventilator for  
Ash Sifters.



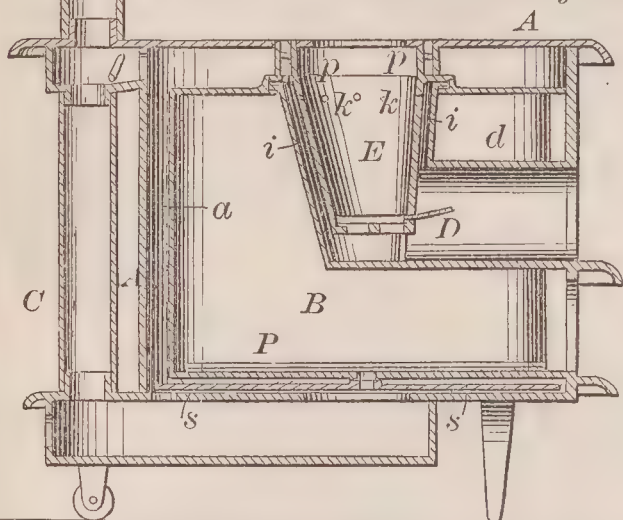
83655—E. H. Parker—Steam Governor.



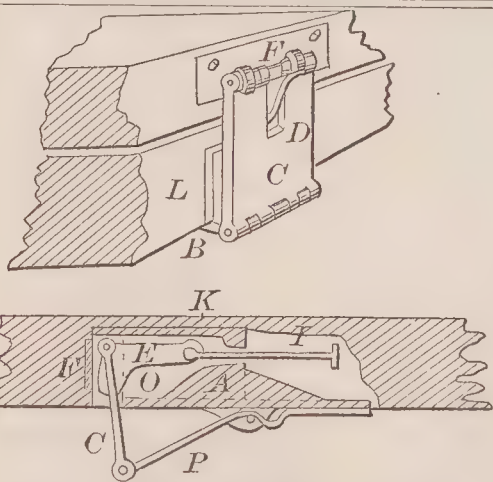
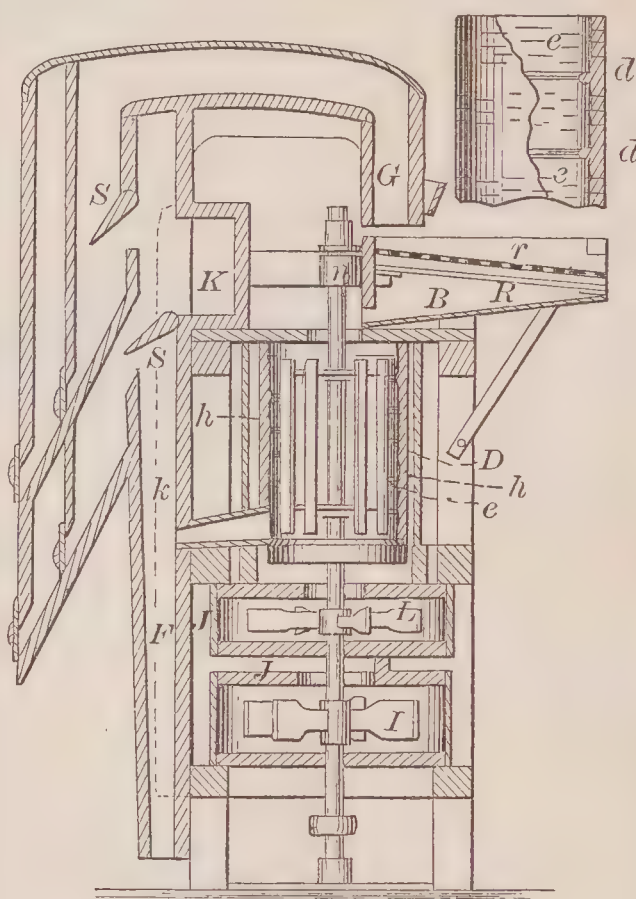
83656—A. Patterson—Harrow Tooth.



83657—H. Pease—Cooking Stove.

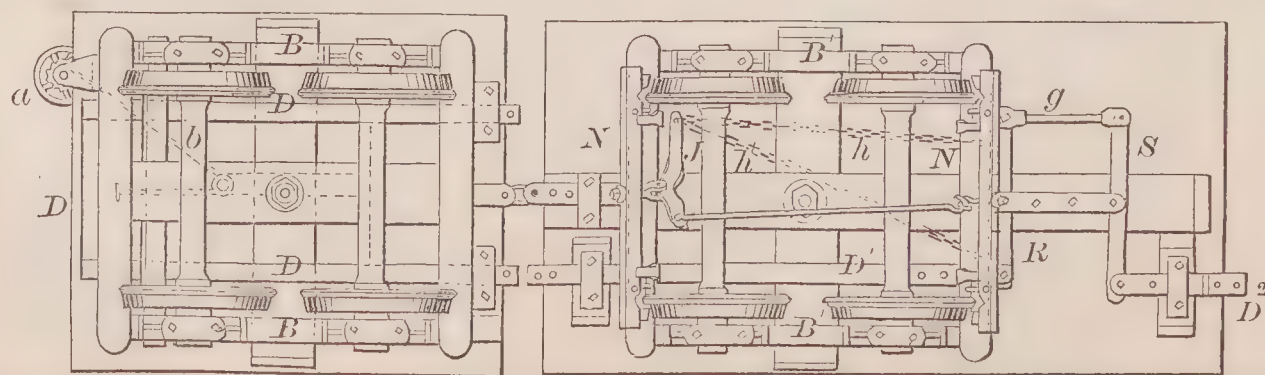


83658—C. T. Phillips—Smut Mill.

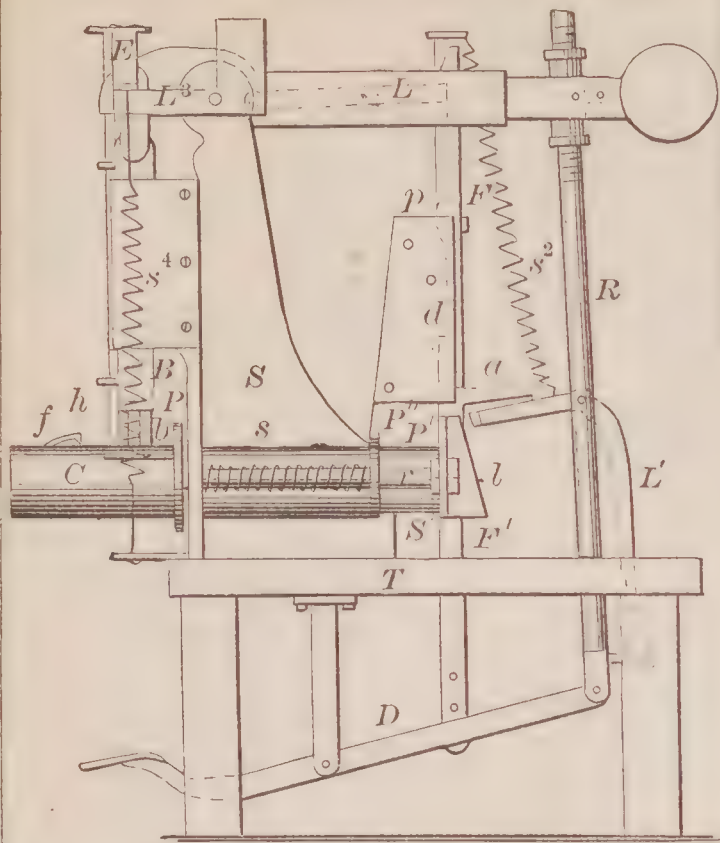


83659—B. C. Pole—Hinge.

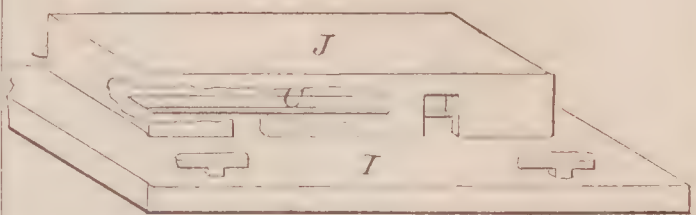
83661—Portlock & Dodds—Car Brake.



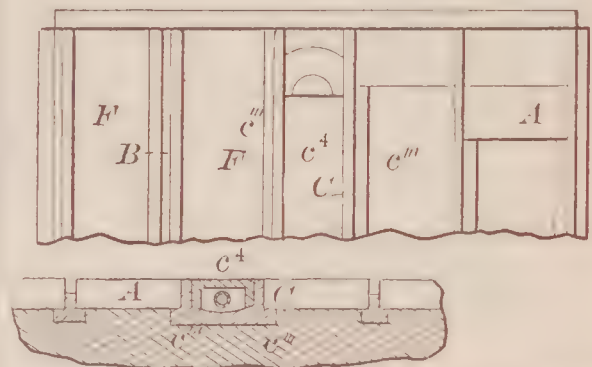
83660—Pollock & Diedrick—*Metal Can.*



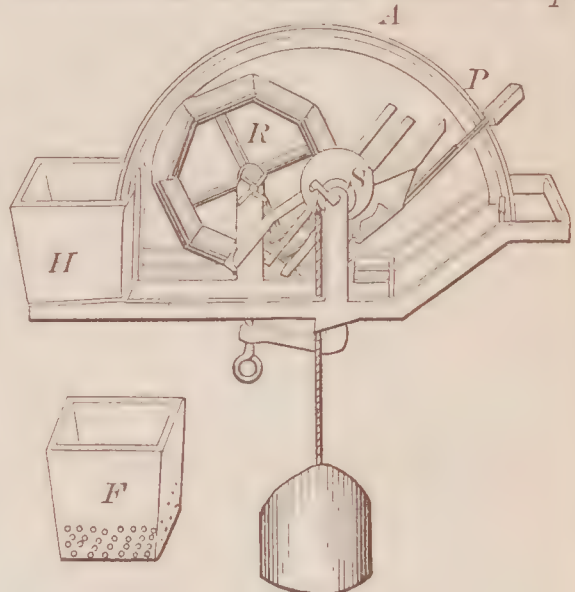
83662—D. Quinn—*Raft.*



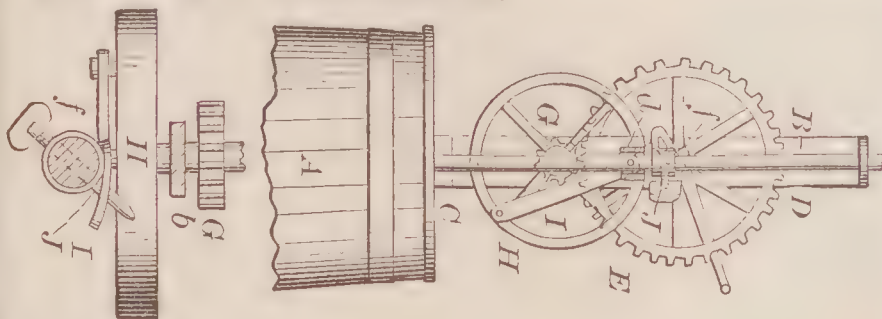
83663—J. Read—*Gutter in Foot Pavements.*



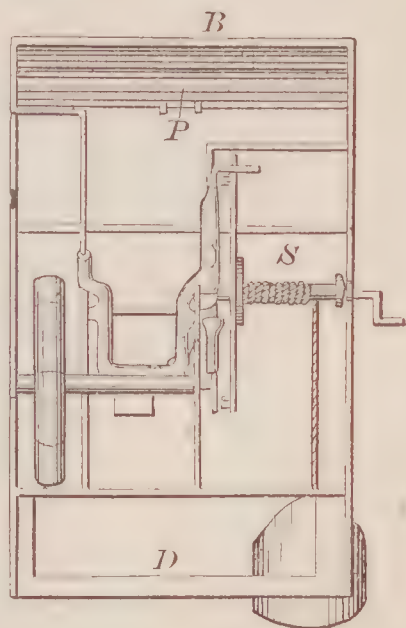
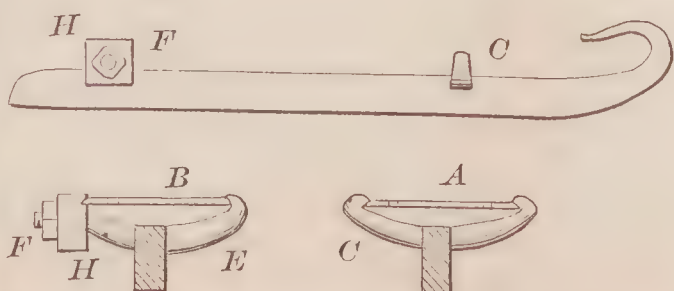
83666.—T. C. Sillman—*Insect Trap.*



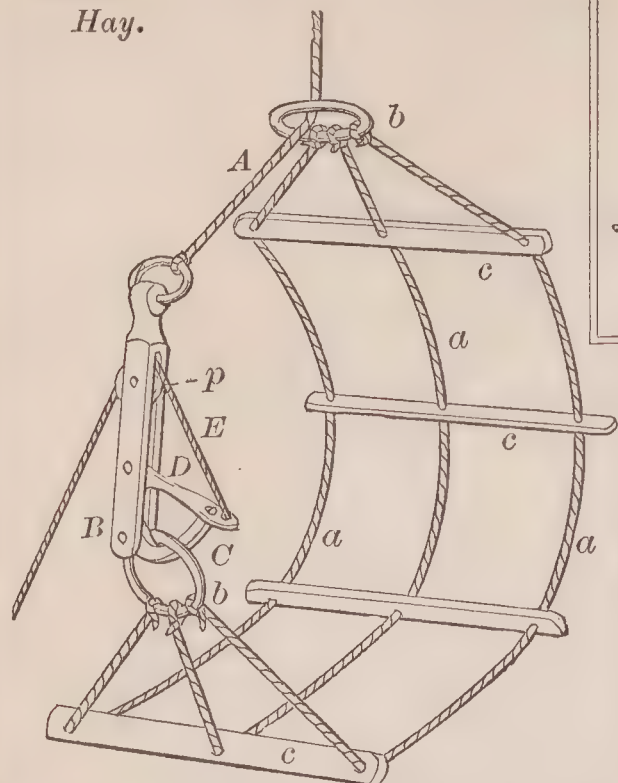
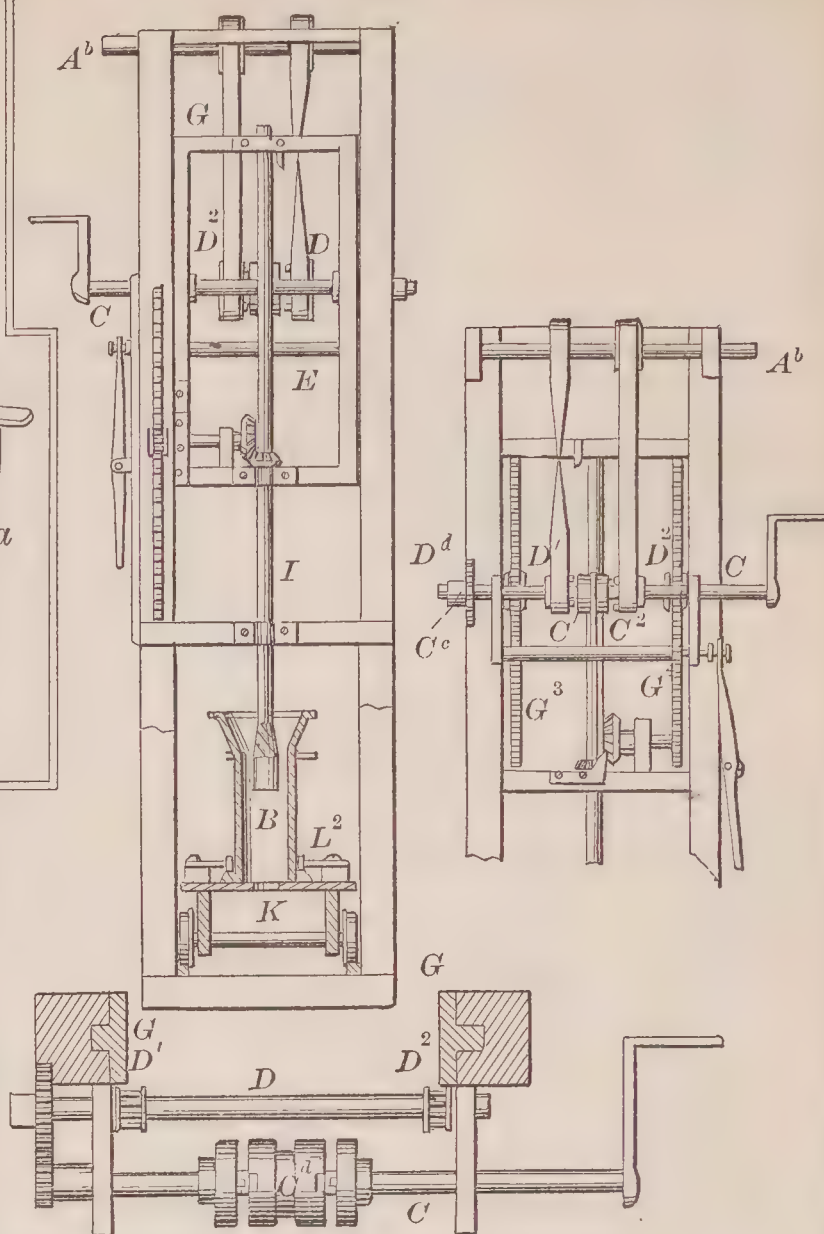
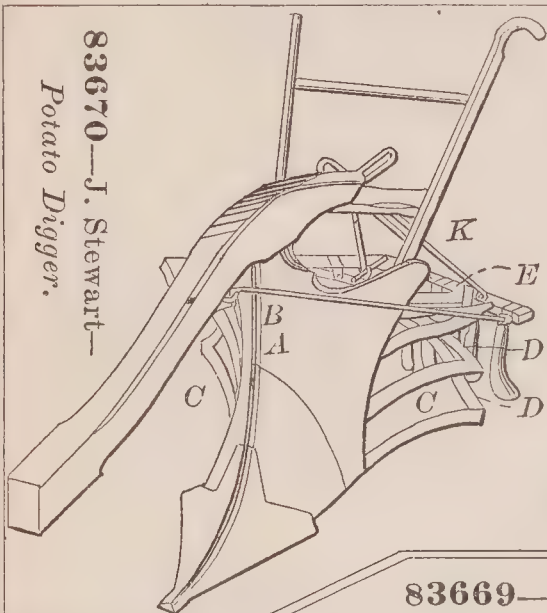
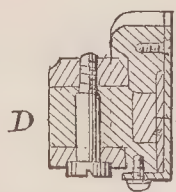
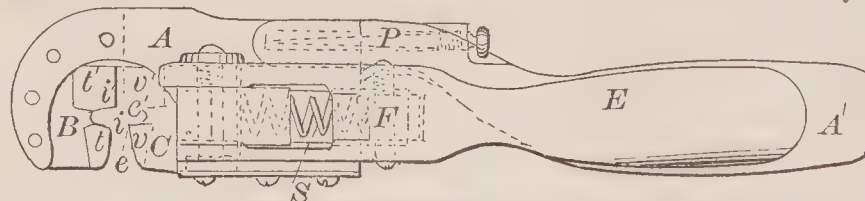
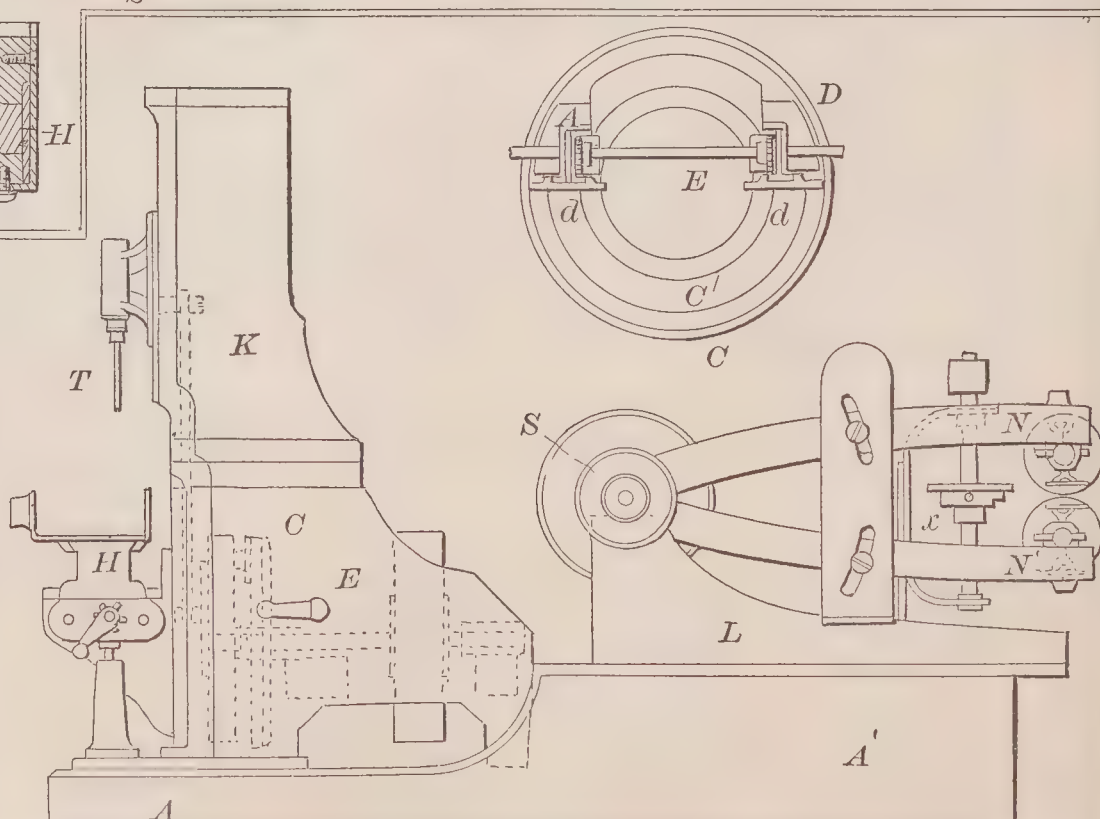
83664—E. P. Russell—*Churn.*



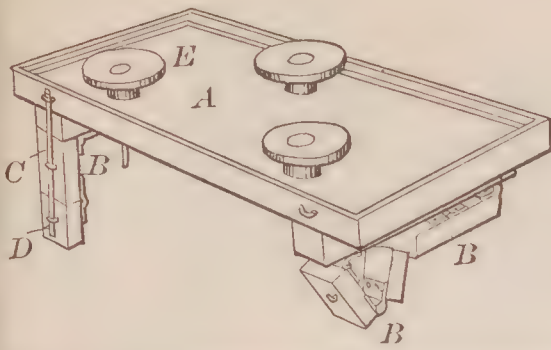
83665—R. J. Russell—*Skate*.



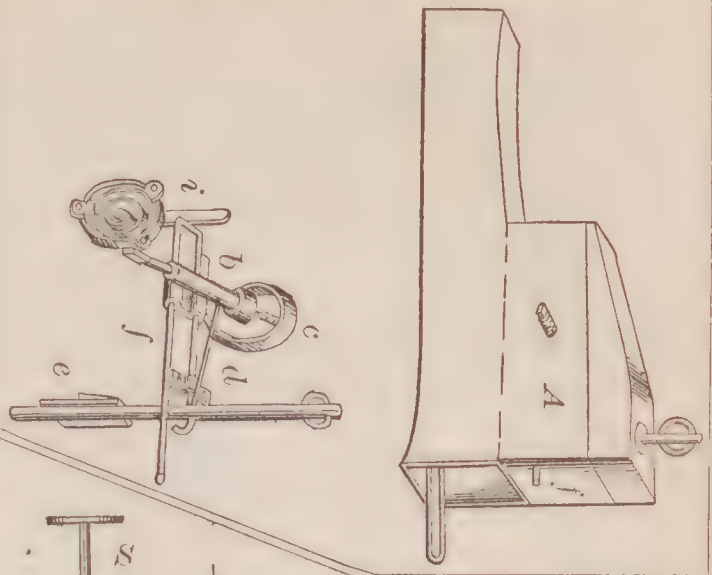


83667—G. Smith—*For Unloading Hay.*83668—W. Smith—*Pipe Moulding Machine.*83670—J. Stewart—*Potato Digger.*83669—Somers & Atwood—*For Attaching Buttons to Fabrics.*36671—H. D. Stover—*Mortising and Tenoning Machine.*

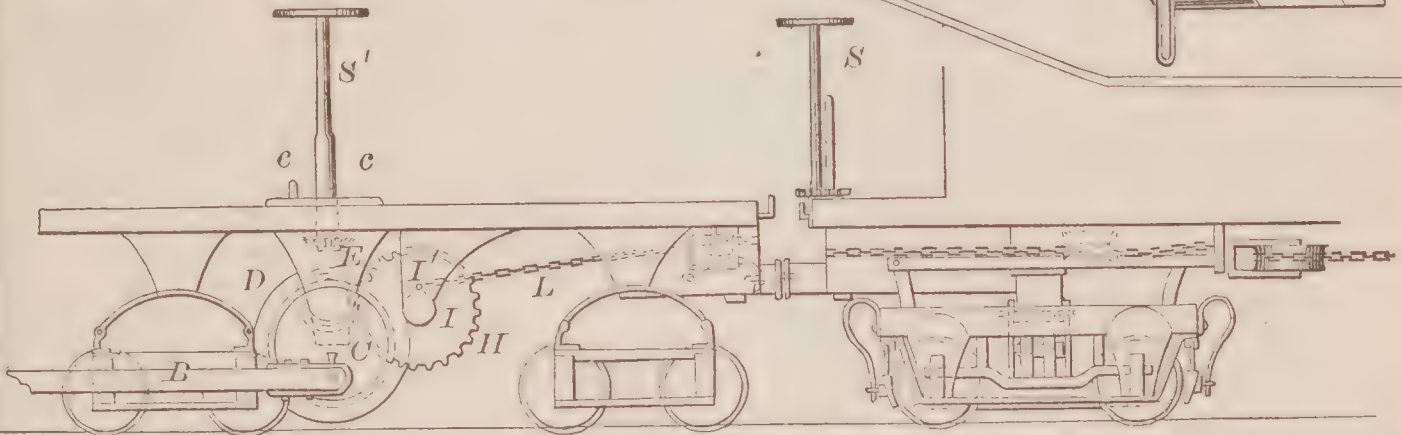
83672—J. T. Styer—*Sheep Shearing Table.*



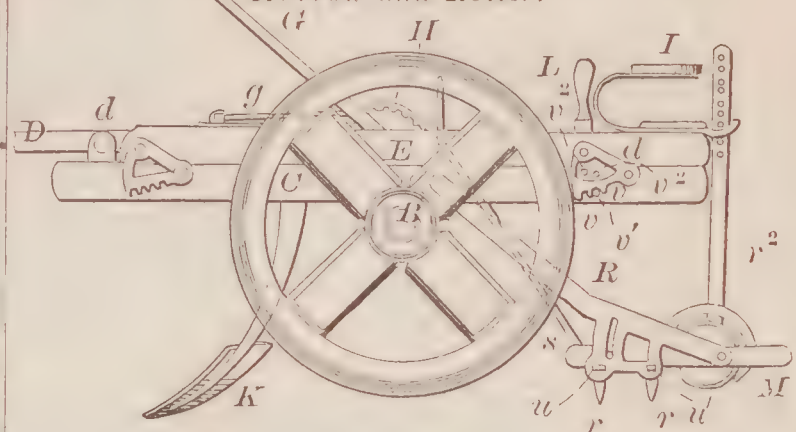
83673—H. Tarbox—*Car Coupling.*



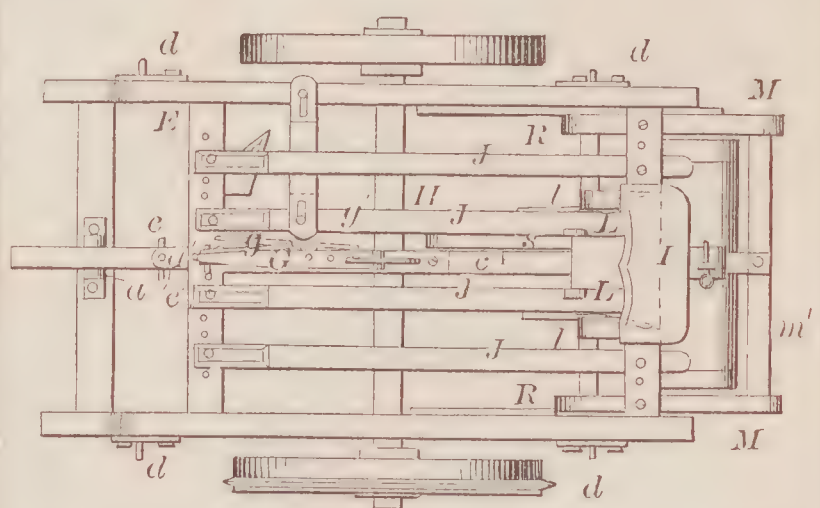
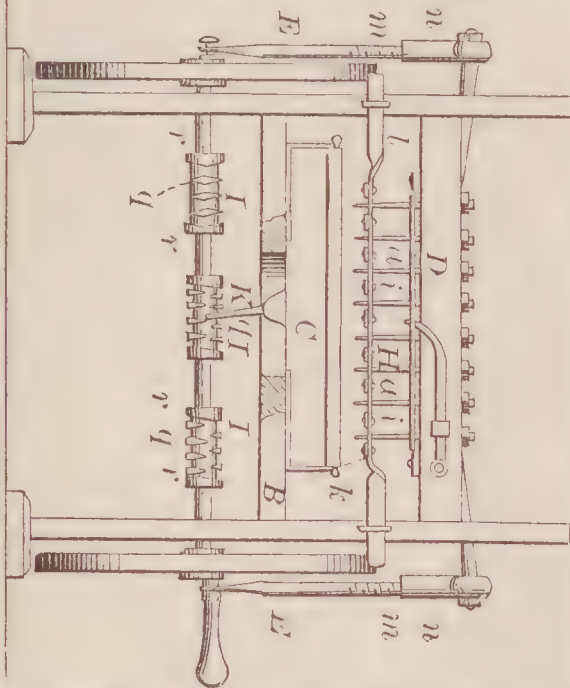
83674—B. O. Thompson—*Car Brake.*



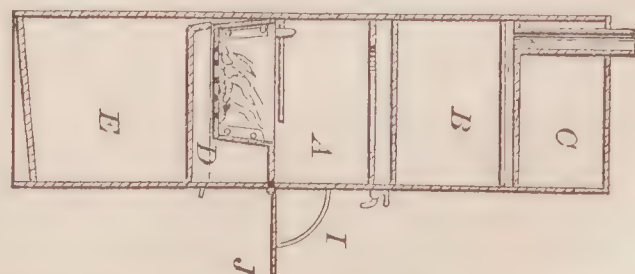
83675—S. C. Thornton—*Cultivator, Plow, Harrow and Roller.*



83676—P. Vande Sande—*For Cutting Meat.*



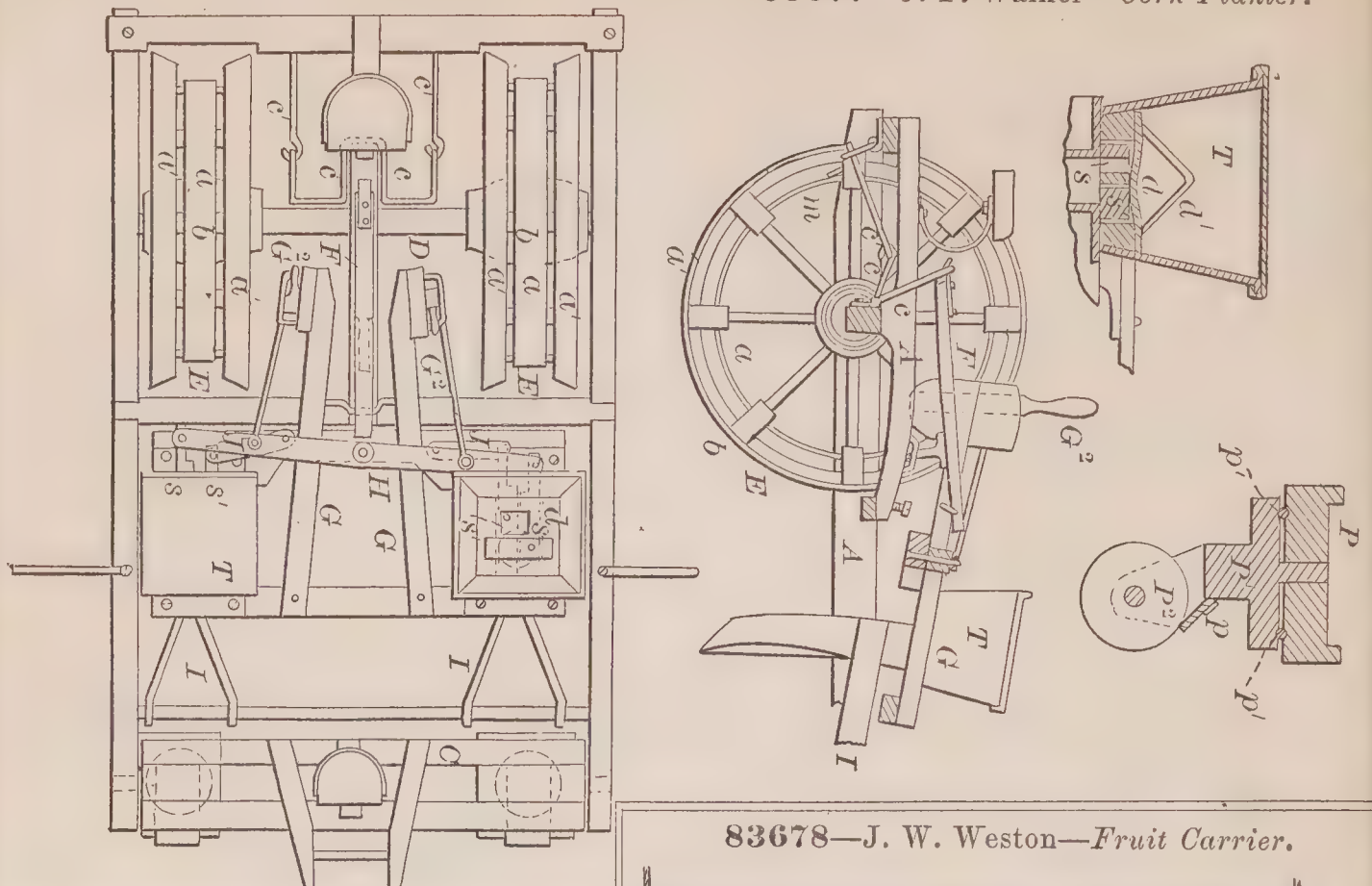
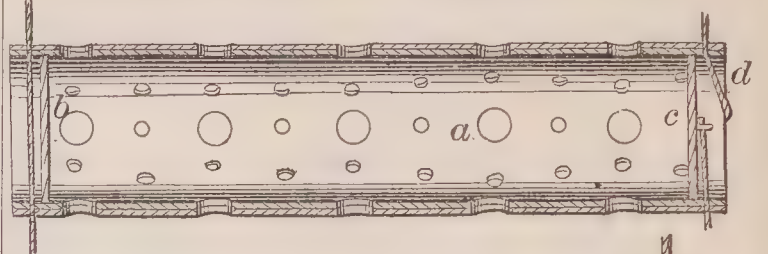
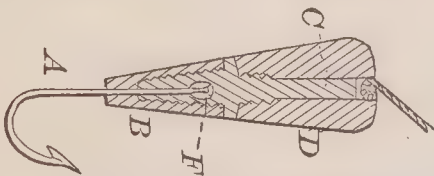
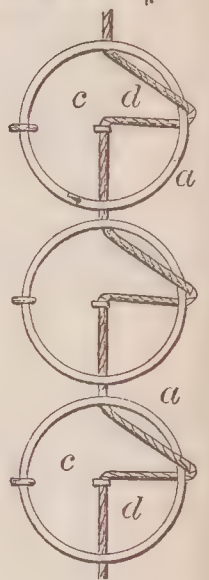
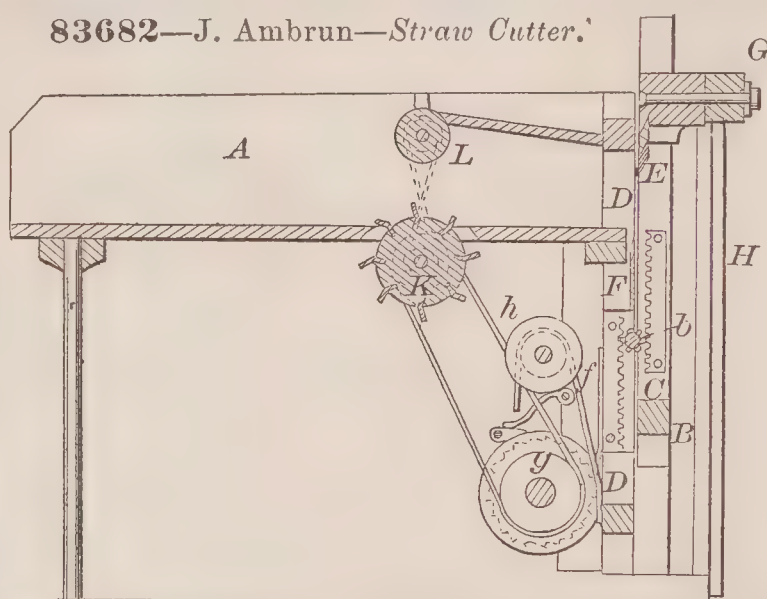
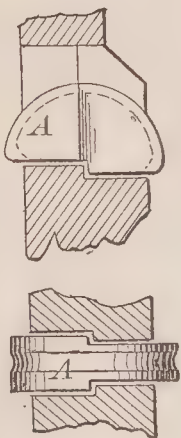
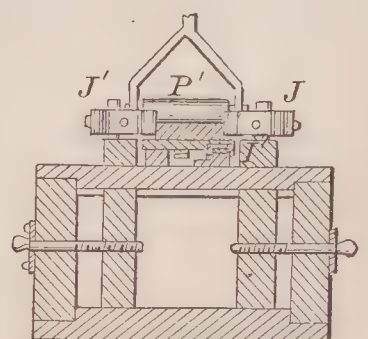
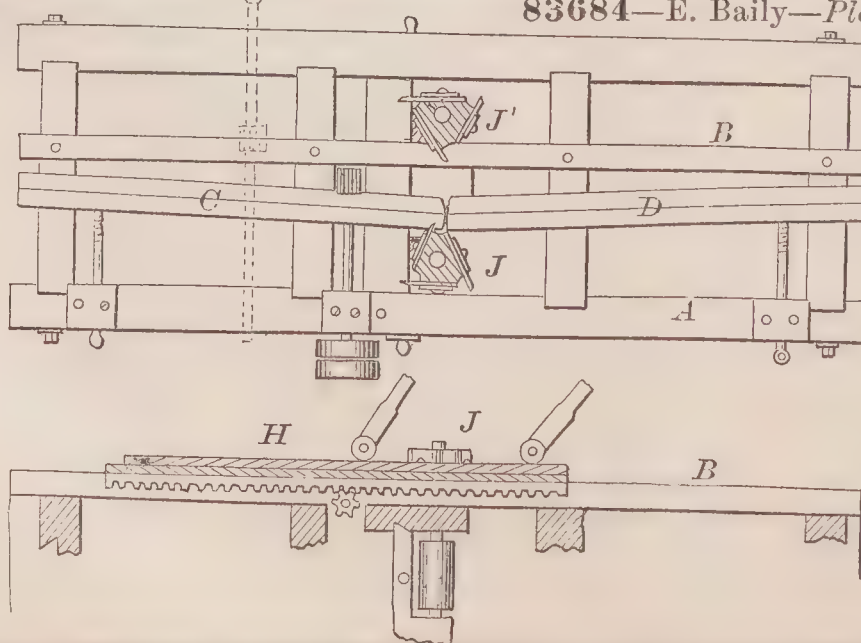
83679—S. Wilks—*Cooking Range.*



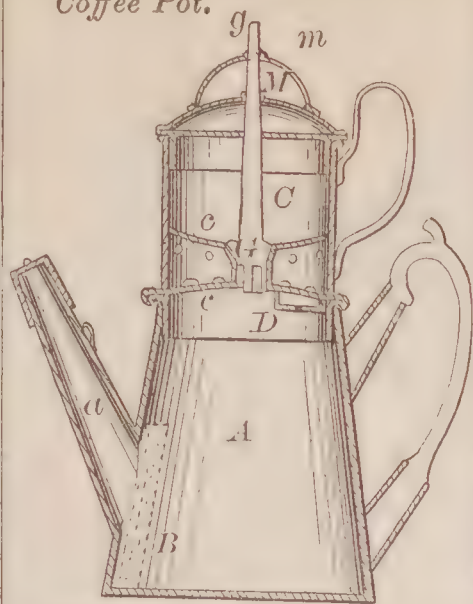
83680—W. H. & L. Young—*Curtain Fixture.*



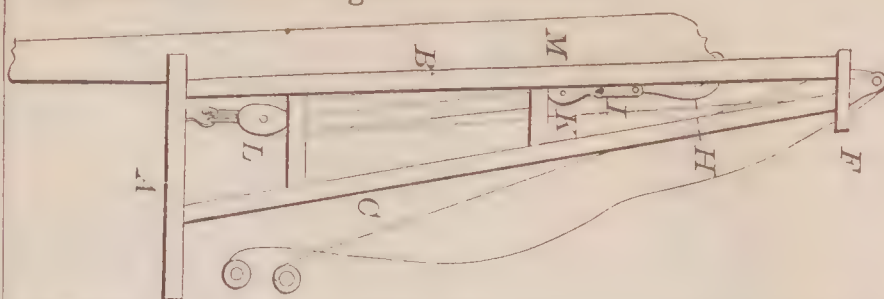


83677—J. F. Walker—*Corn Planter.*83678—J. W. Weston—*Fruit Carrier.*83681—S. Albee—*Fishing Jig.*83682—J. Ambrun—*Straw Cutter.*83685—A. Bicknell—*Sash Guide Block.*83684—E. Baily—*Plank and Timber Dresser.*

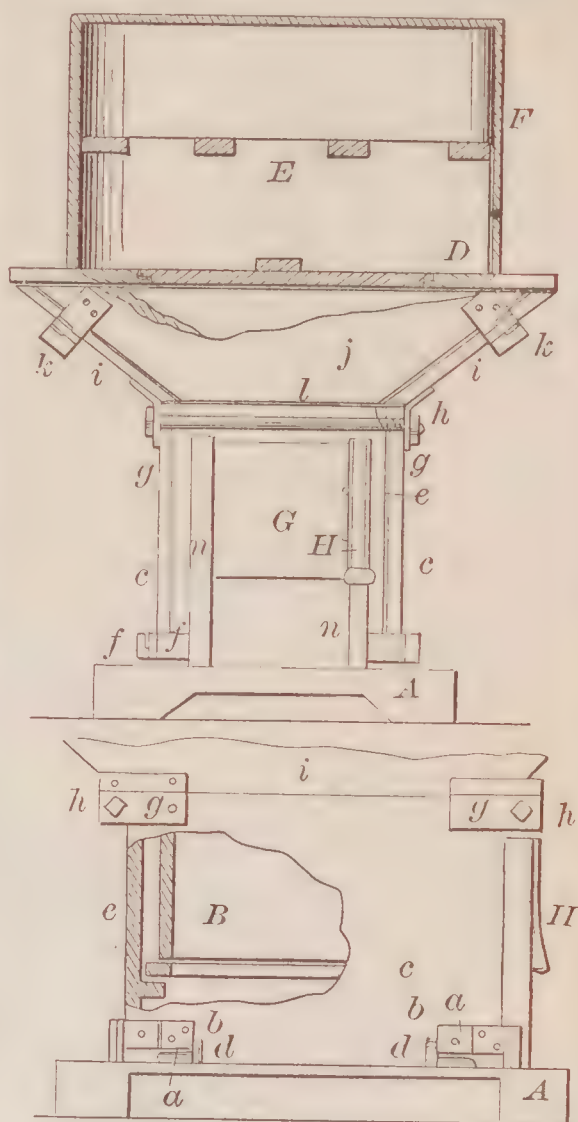
83686—E. Blunt, Jr.—  
Coffee Pot.



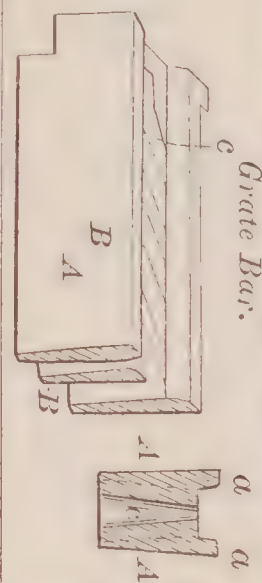
83687—J. A. Borgort—Pile Driver.



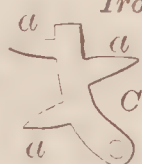
83688—H. Brown—Cooking Stove.



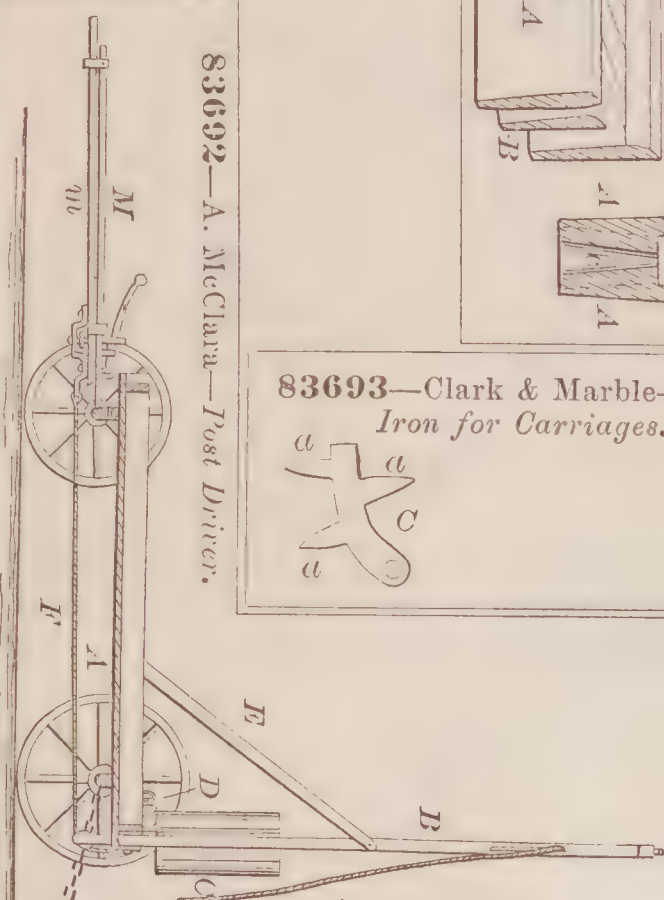
83689—W. C. Cambridge—Furnace  
Grate Bar.



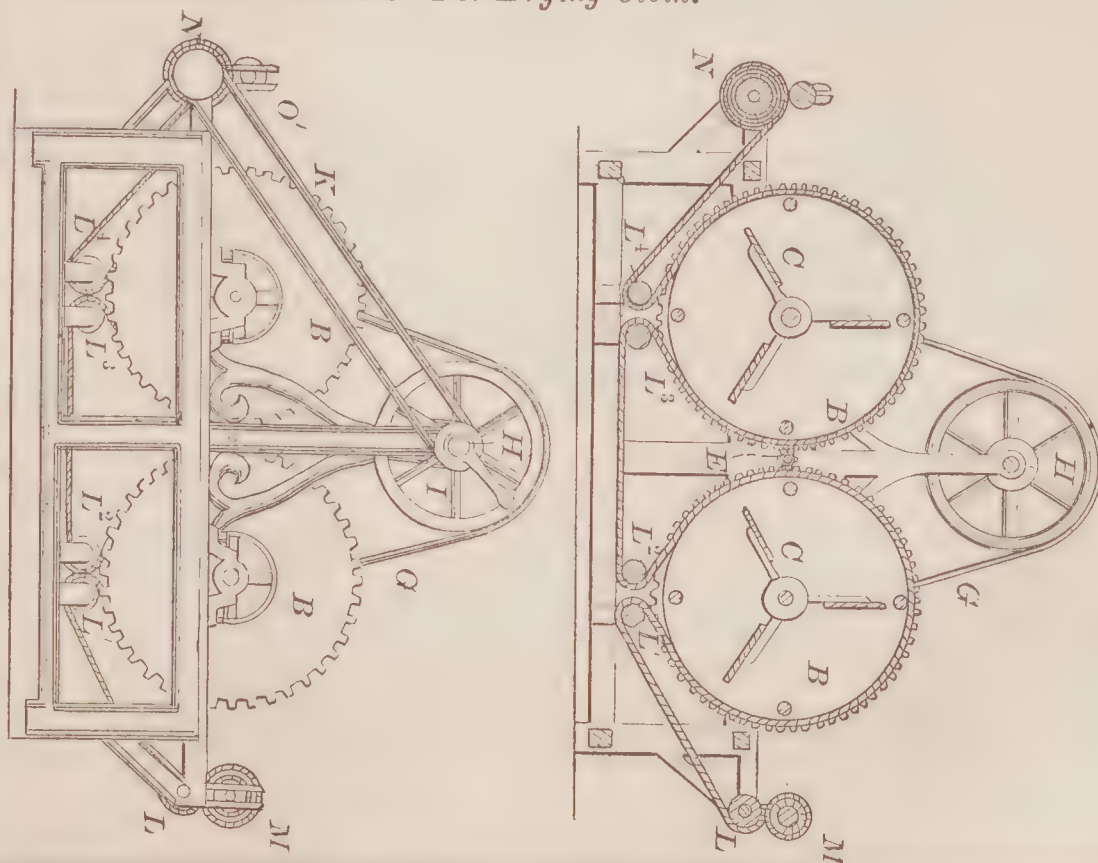
83693—Clark & Marble—Bow  
Iron for Carriages.



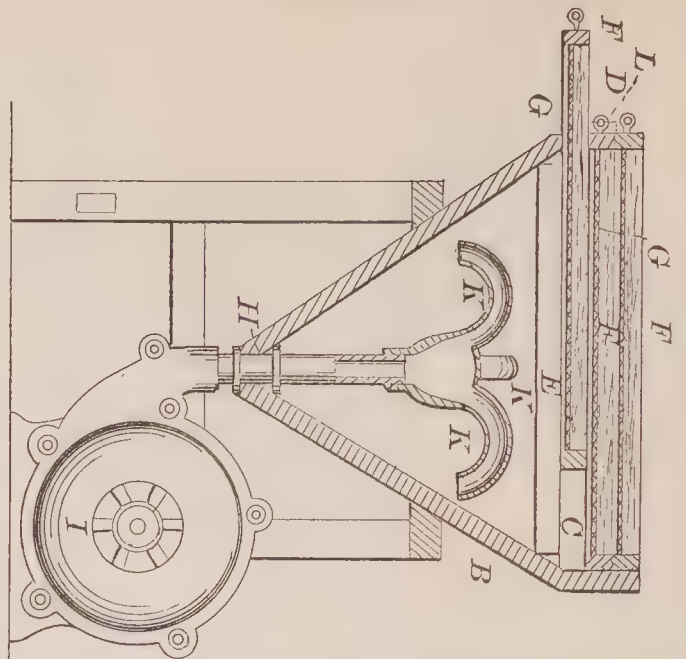
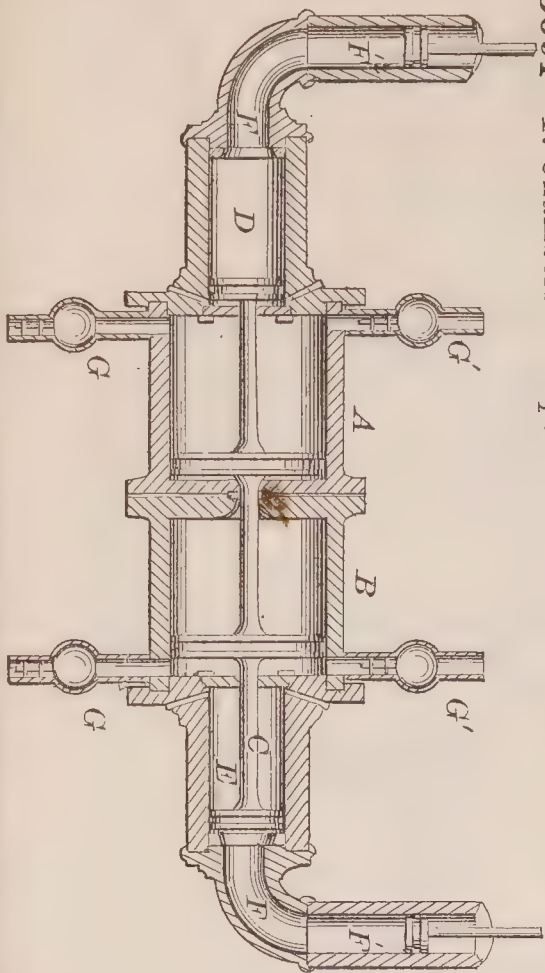
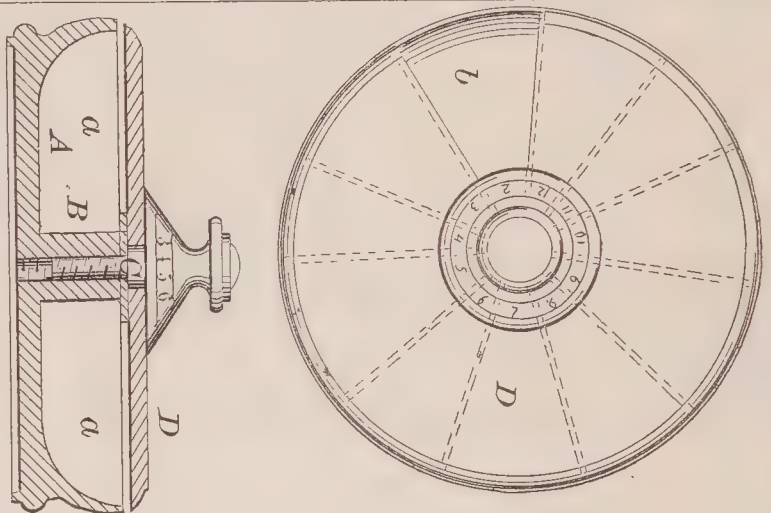
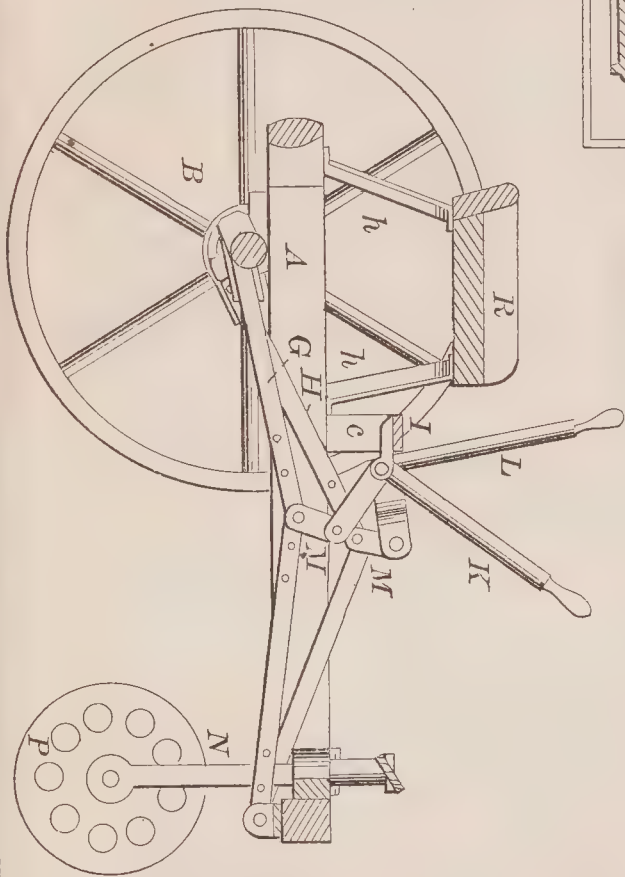
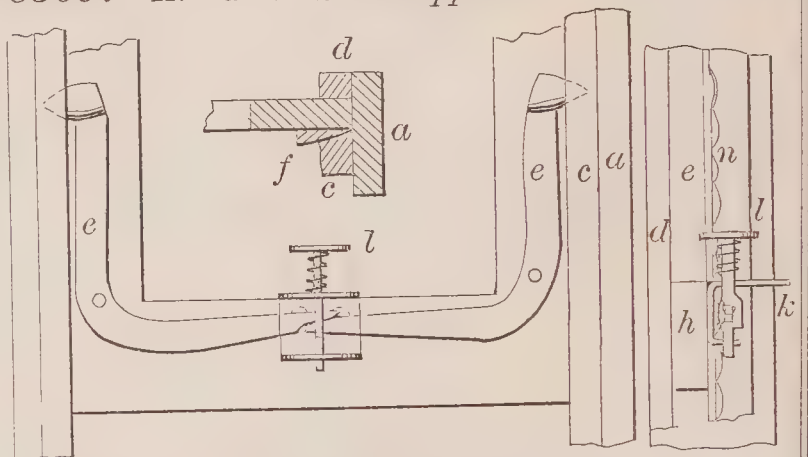
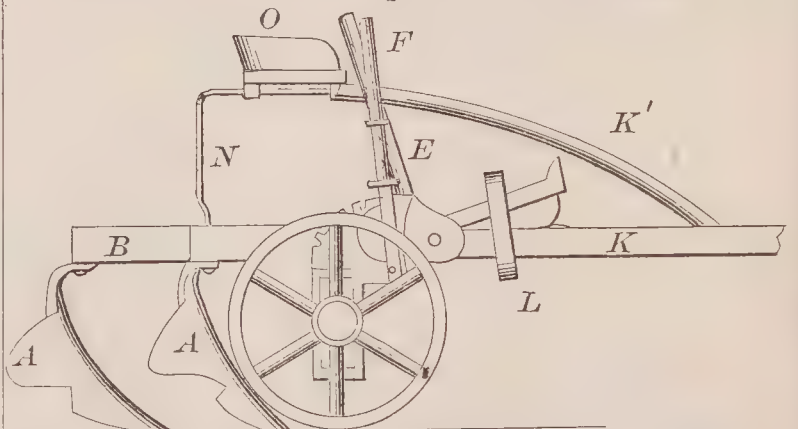
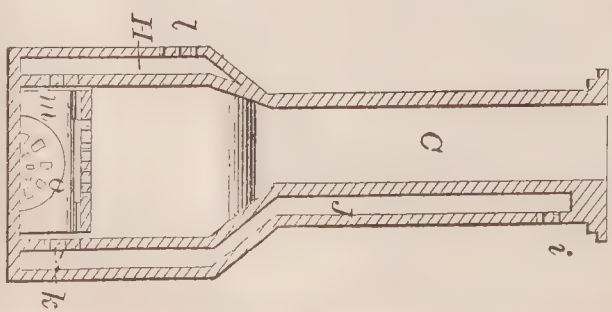
83692—A. McClara—Post Driver.



83690—A. Chambers—For Drying Cloth.



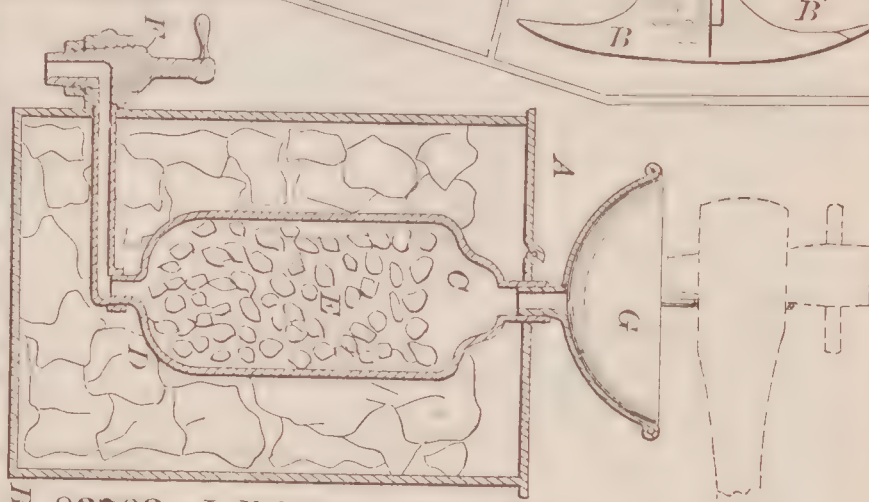
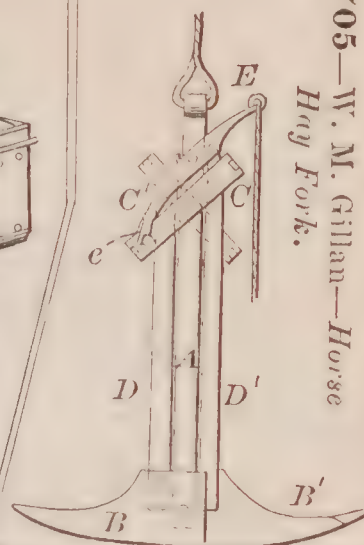


83694—S. T. Cotterill—*Tobacco Dryer*.83691—T. Chambers—*Pump*.83696—C. N. Cutter—*Velocipede*.83695—M. Z. Crane—*Receptacle for Watch Keys*.83697—A. Davis—*Sash Supporter*.83698—Davison & Spencer—*Gang Plow*.83701—J. Ervin, Sr.—*Fireplace*.83699—A. C. & I. L. Dunn—*Spike with Screw Threads*.

83700—J. Durand—*Railroad Signal Box.*

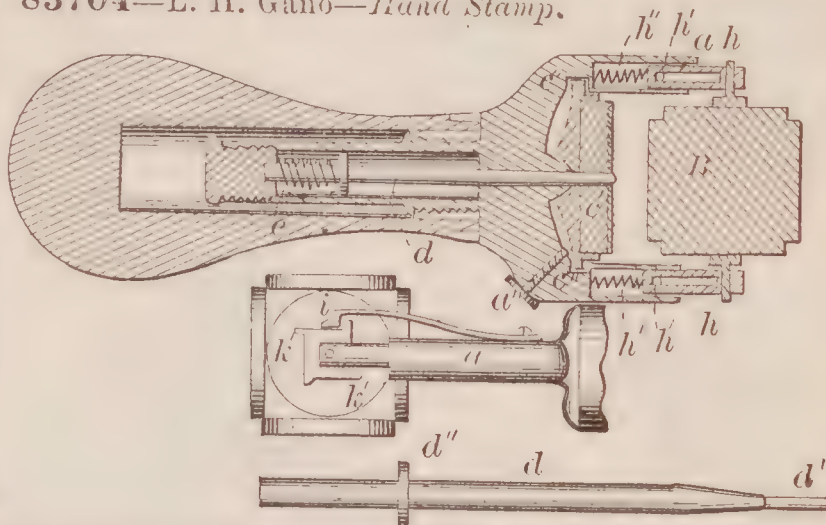


83705—W. M. Gilliam—*Horse Hay Fork.*

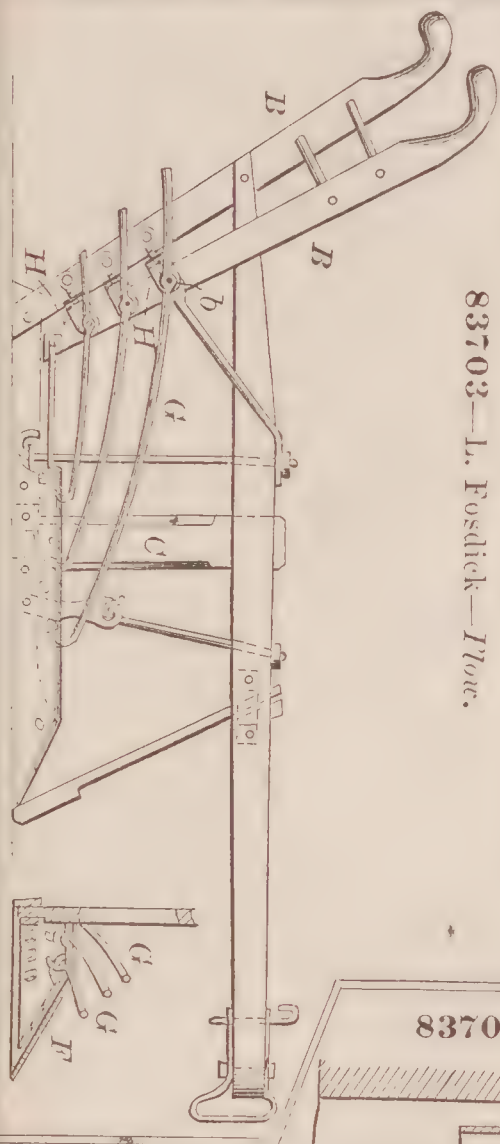


83702—J. Fallows—*Beer Cooler.*

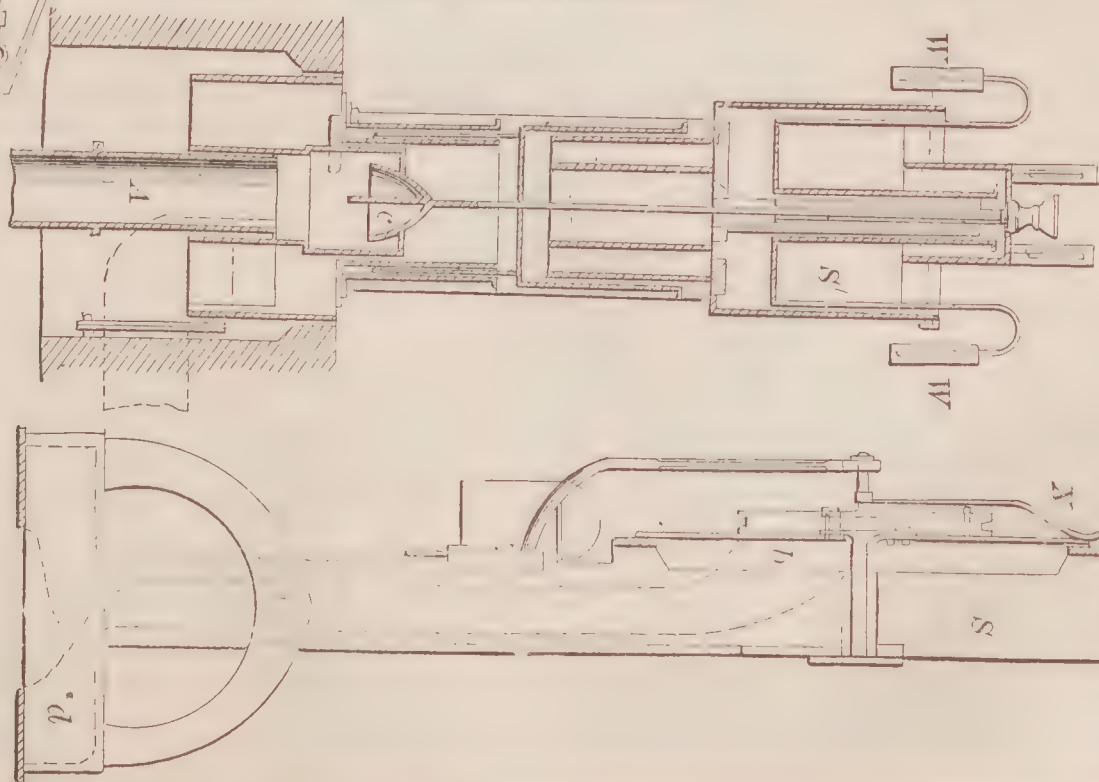
83704—L. H. Gano—*Hand Stamp.*



83703—L. Fosdick—*Plow.*

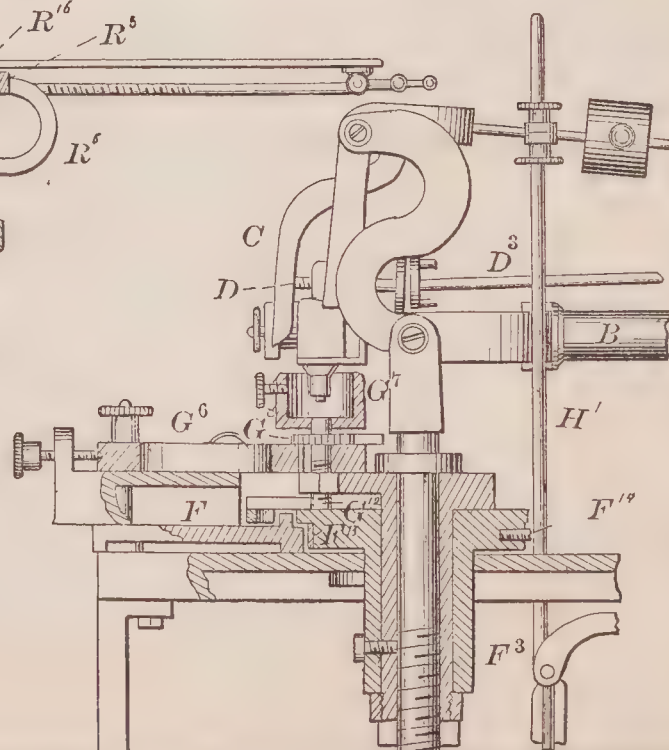
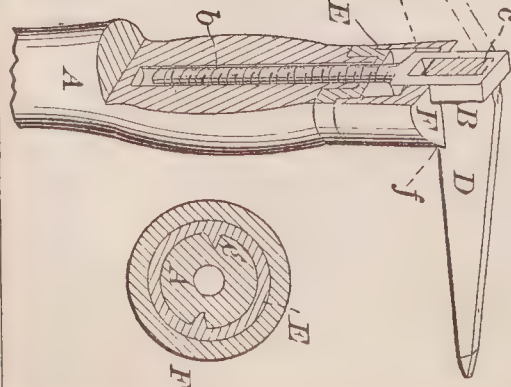
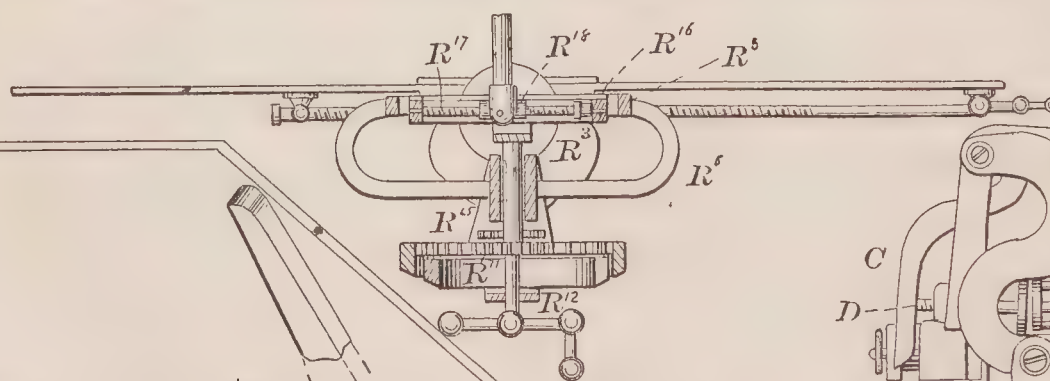
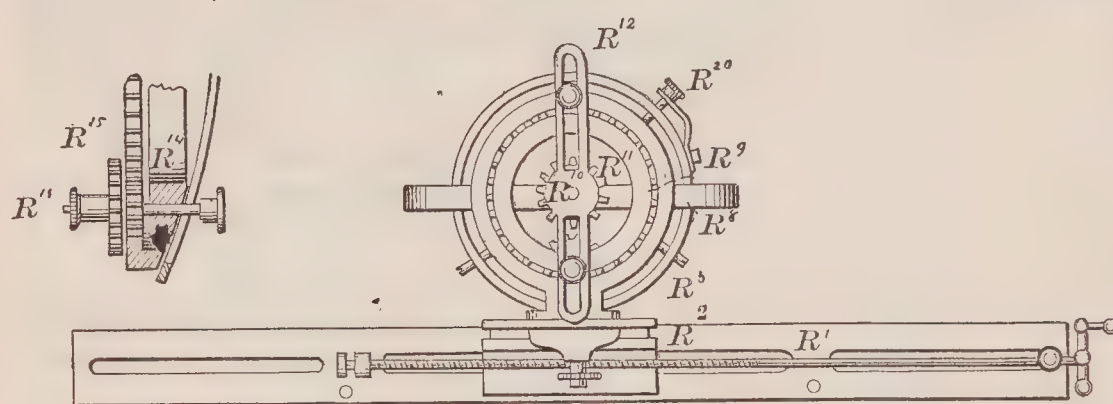
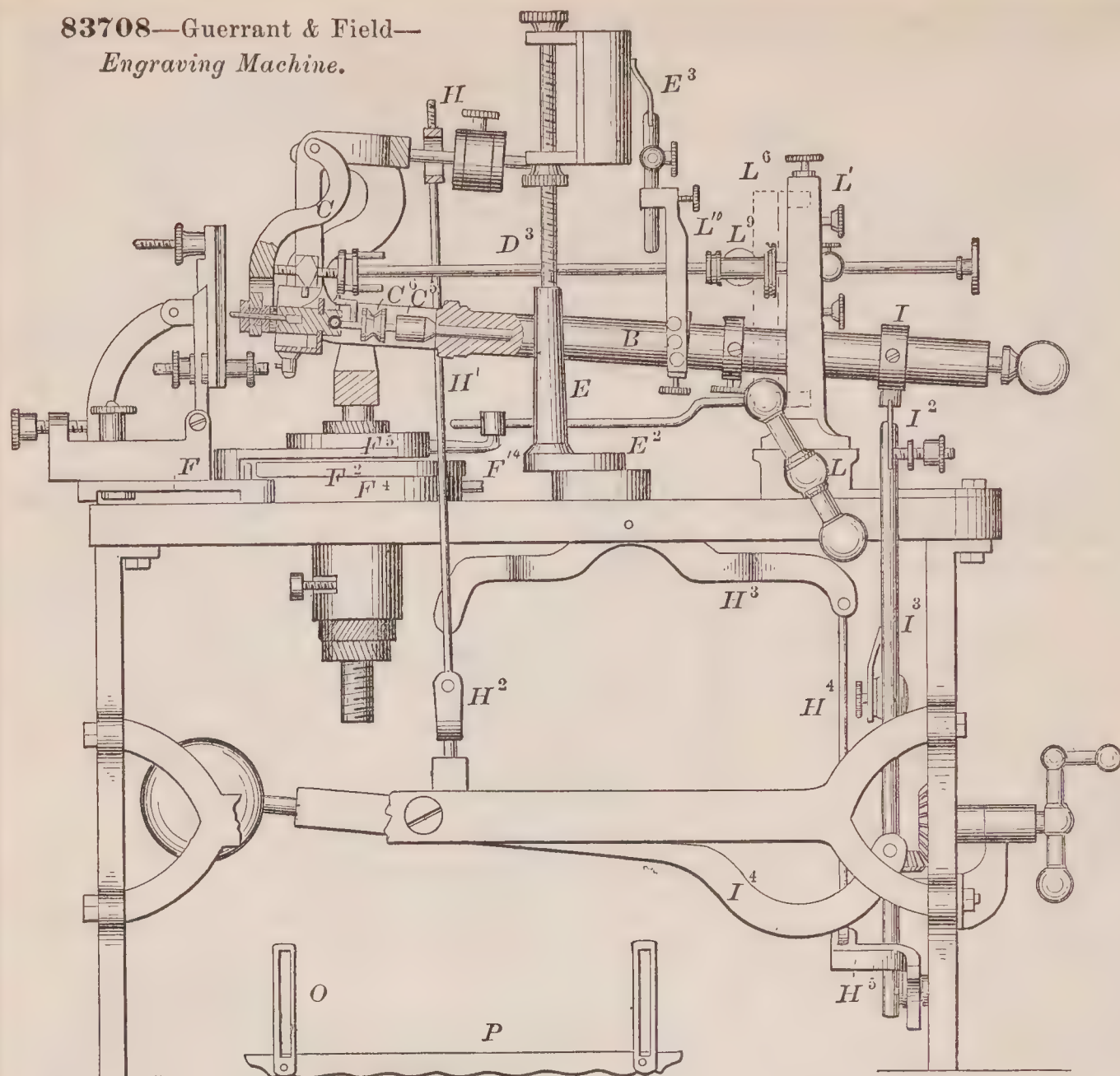


83706—H. Giroud—*Gas Regulator.*



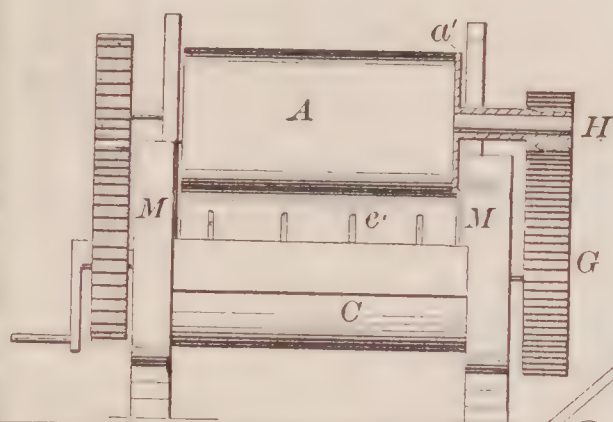
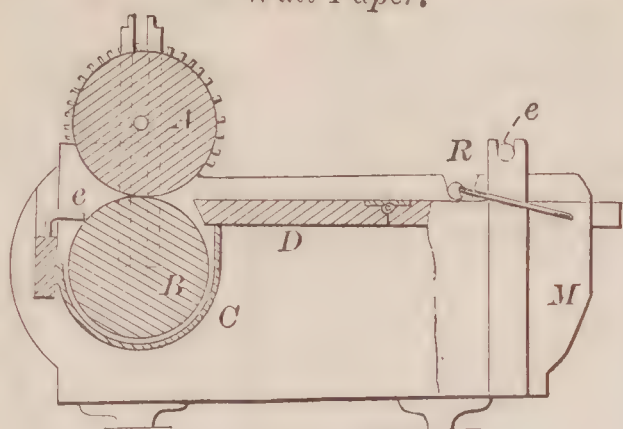


83708—Guerrant & Field—  
*Engraving Machine.*

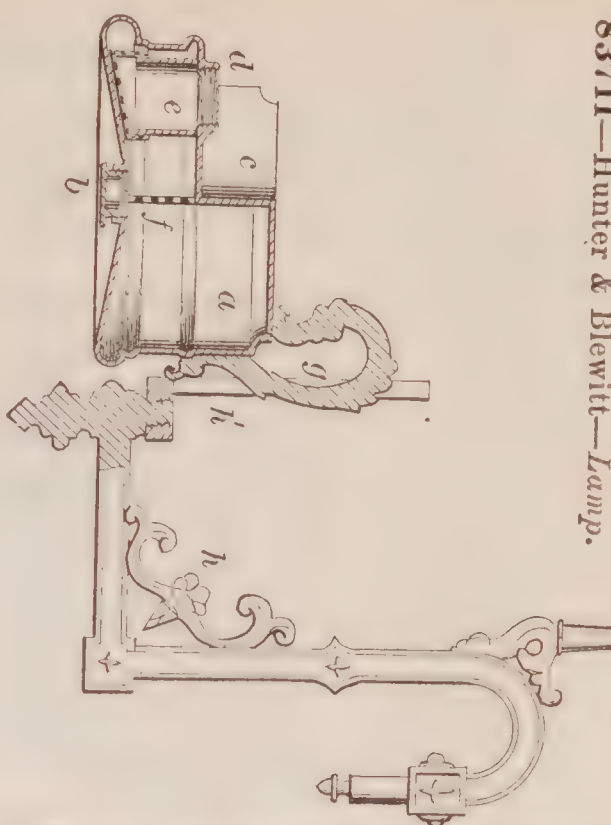


83710—P. J. Hogan—  
*Pick.*

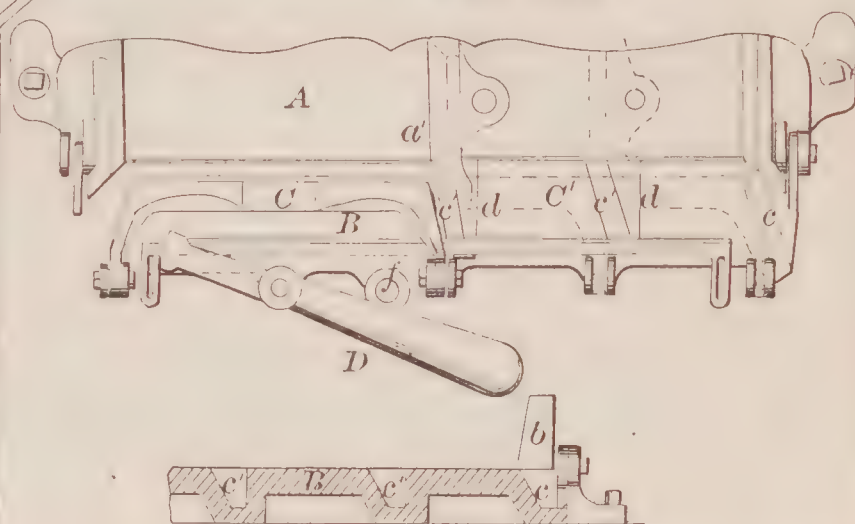
83709--W. H. Guthrie--*For Trimming Wall Paper.*



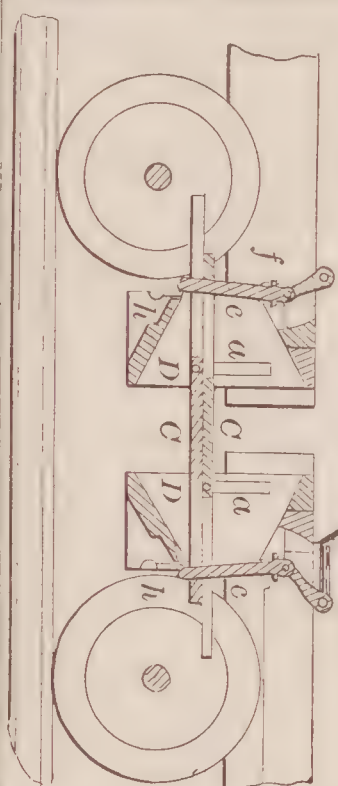
83711--Hunter & Blewitt--*Lamp.*



83712--S. H. Kennedy--*For Forming Sheet Metal Pans.*



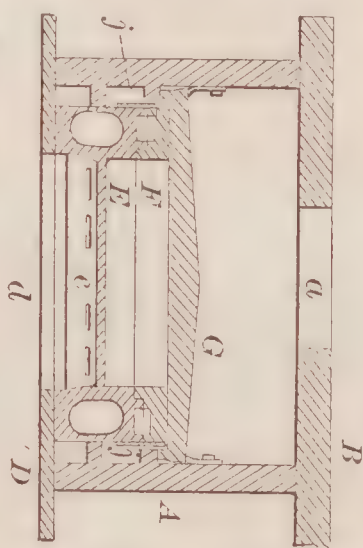
83715--J. K. Landis--*Car Coupling.*



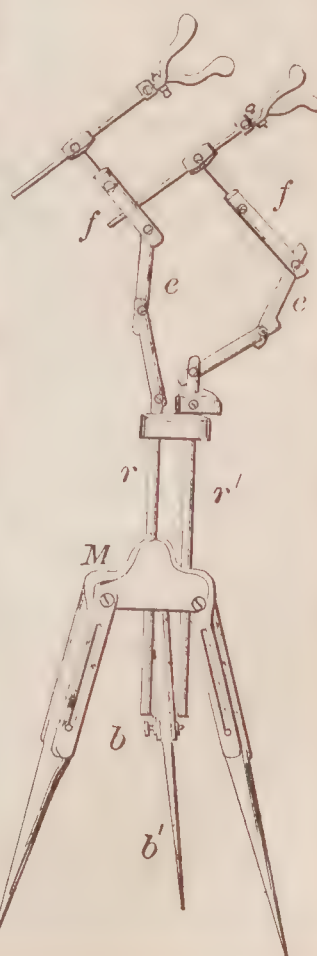
83713--H. C. Knowlton--*Chair Seat.*



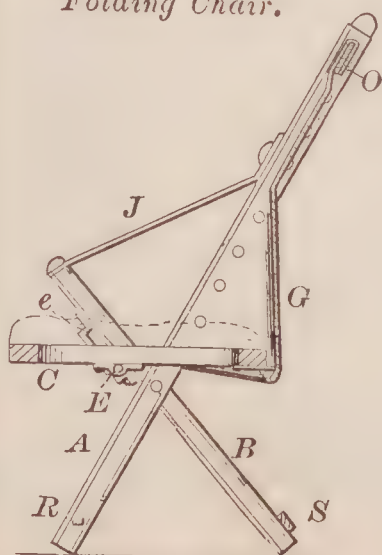
83716--E. B. Latch--*Slide Valve.*



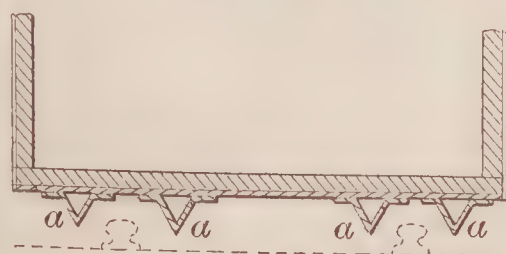
83714--C. E. Krüger--*Photographic Rest.*



83720--G. McAleer--*Folding Chair.*

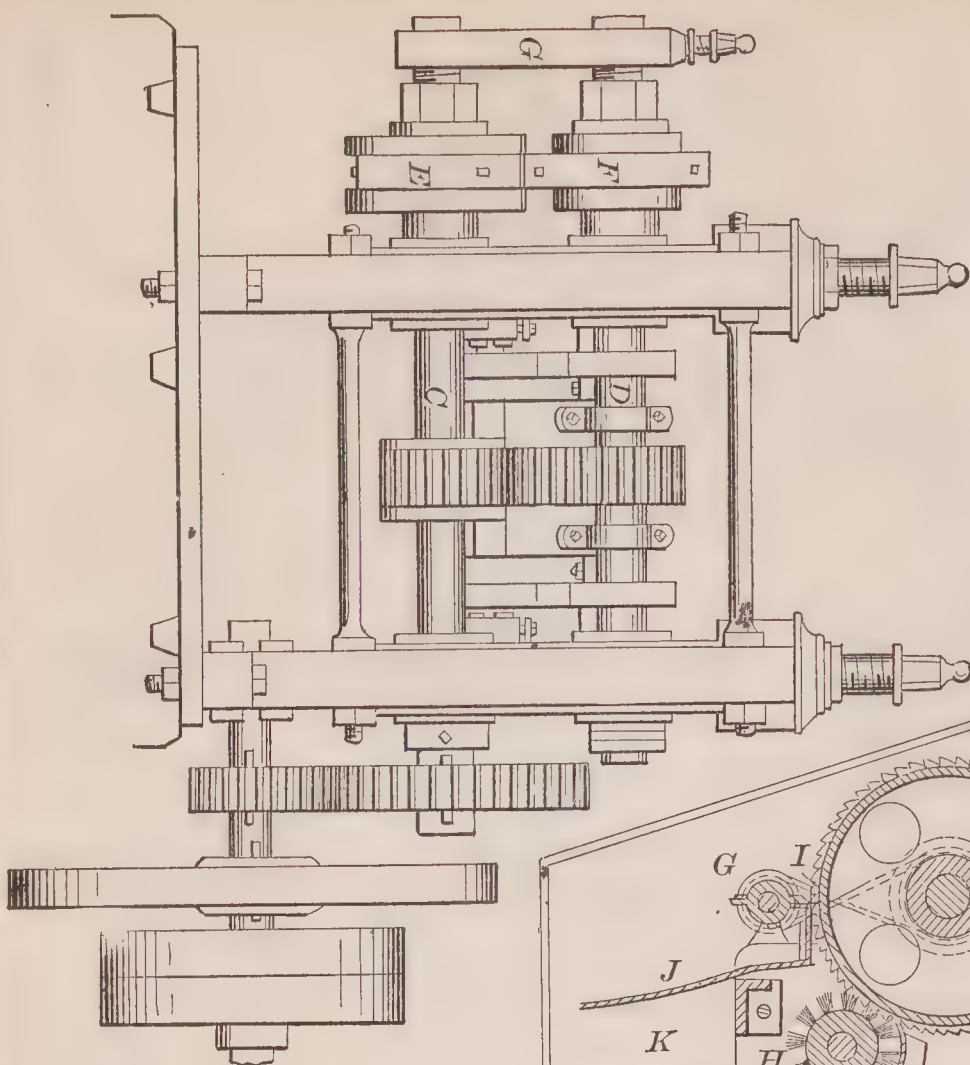
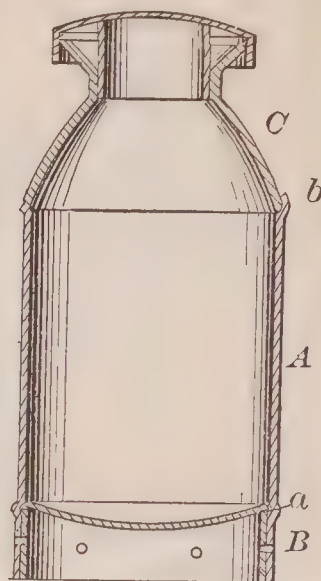
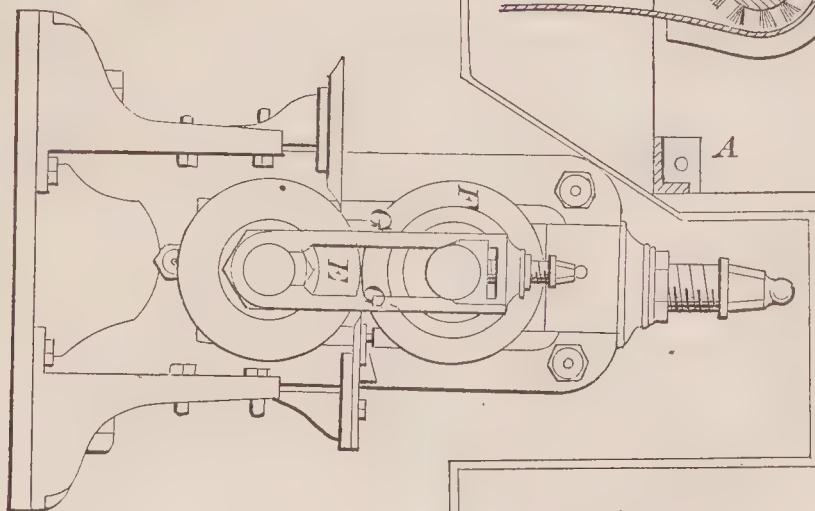
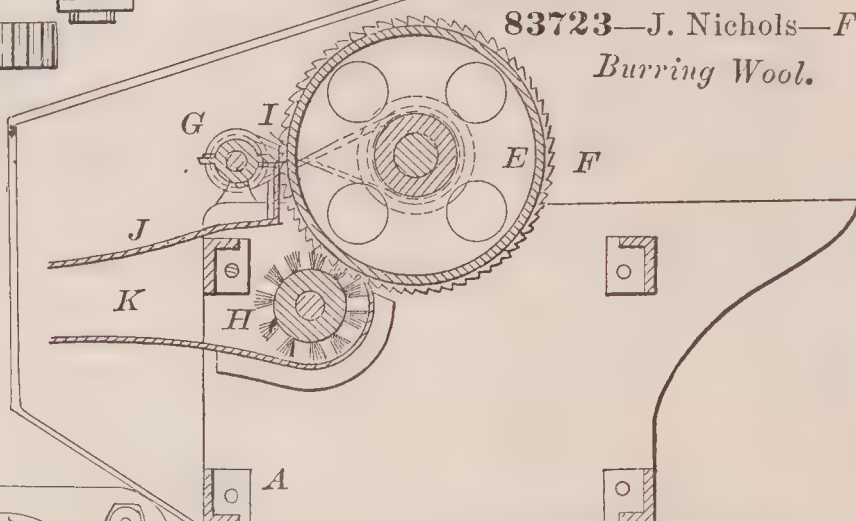
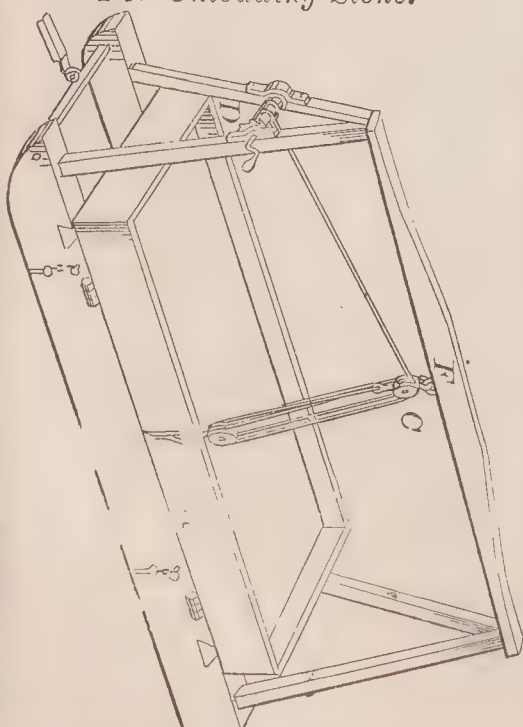


83717--E. T. Ligon--*Railway Car.*

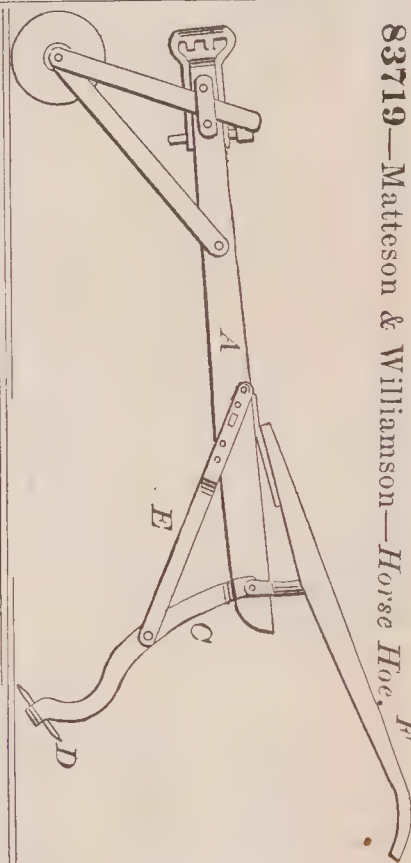




83718—R. Marsden—For Rolling Metals.

83724—O. J. Nutting—  
*Milk Can.*83723—J. Nichols—For  
*Burring Wool.*83721—J. B. & E. G. Moore—  
*For Unloading Stone.*

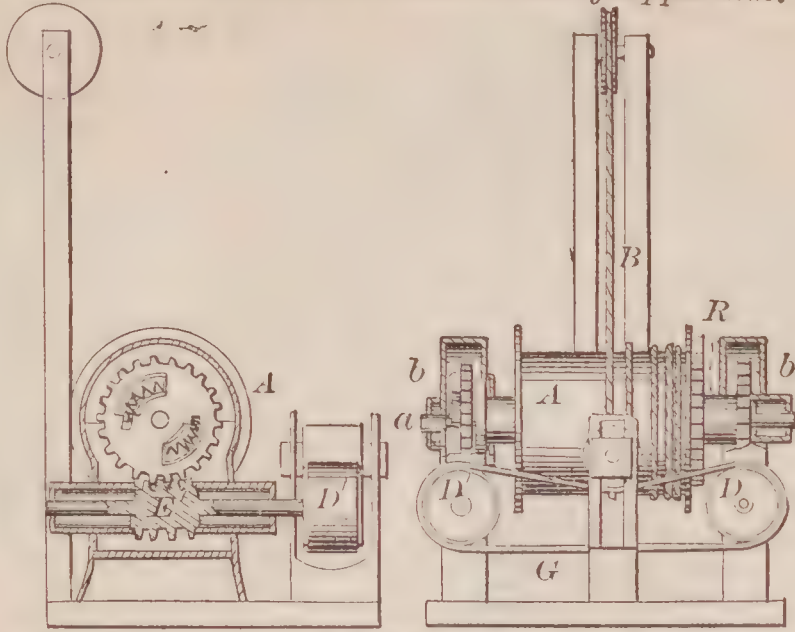
83719—Matteson &amp; Williamson—Horse Hoe.



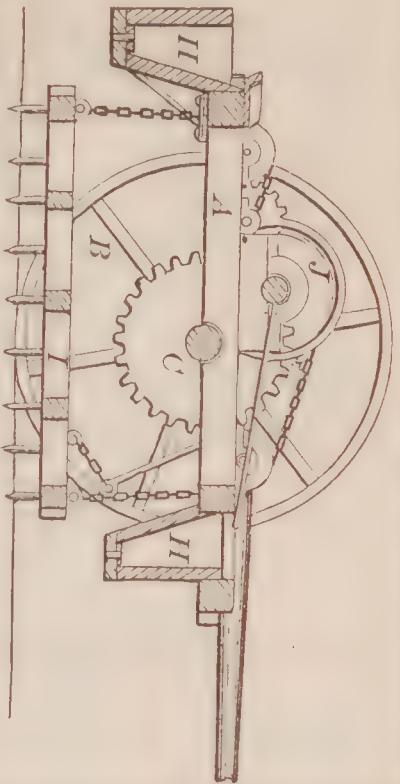
83722—G. Natorp—Car Wheel.



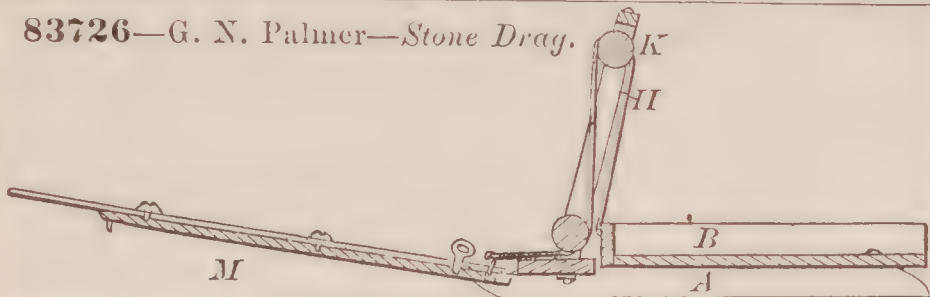
83725—C. R. & N. P. Otis—*Hoisting Apparatus.*



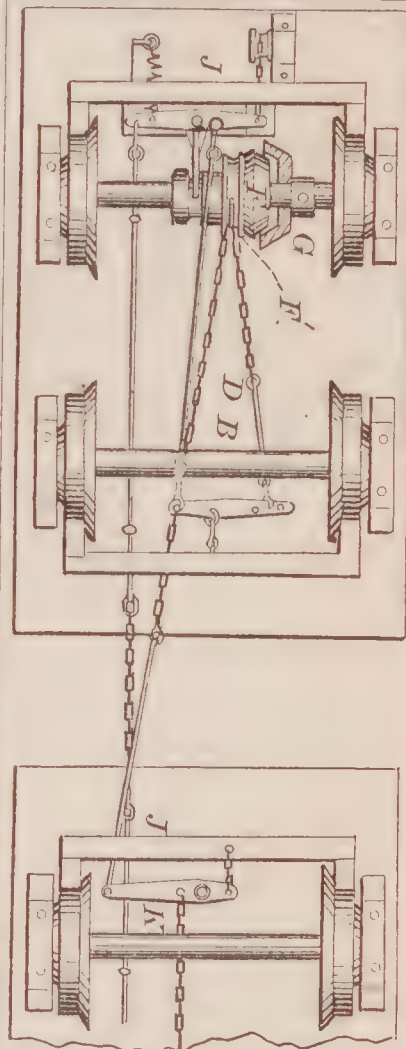
83727—W. E. Phelps—*Seeder and Harrow.*



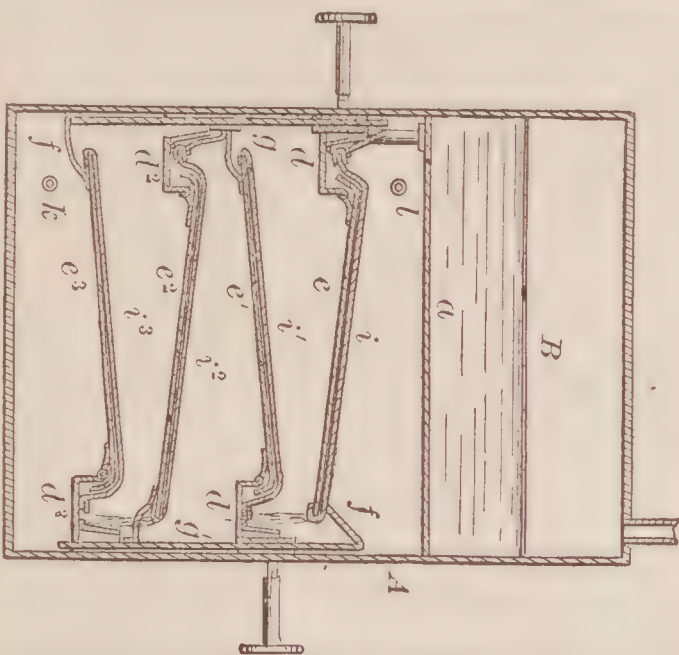
83726—G. N. Palmer—*Stone Drag.*



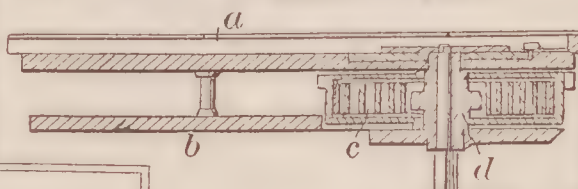
83728—S. Randall—*Car Brake.*



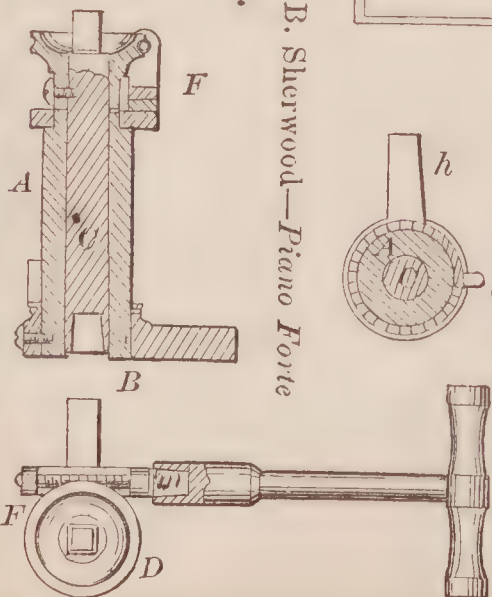
83730—J. Richard—*For Carbureting Air.*



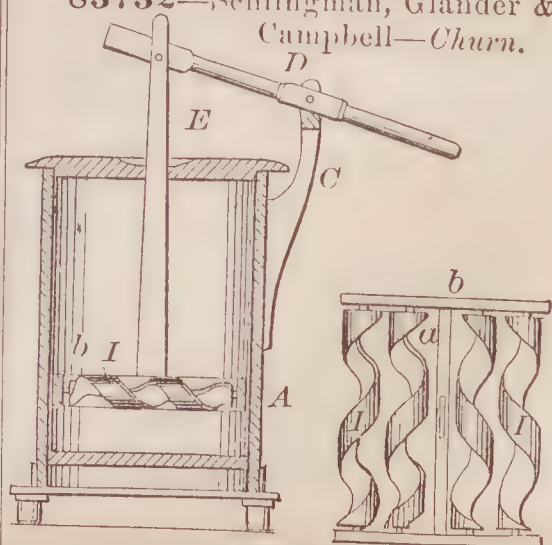
83729—G. W. Reed—*Watch.*



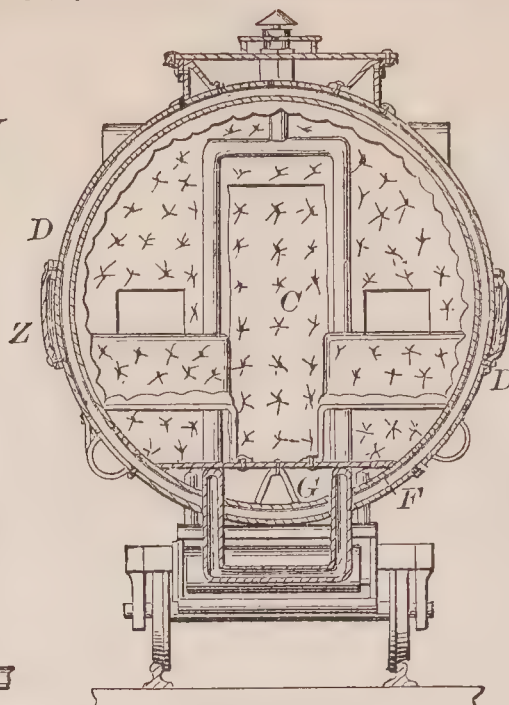
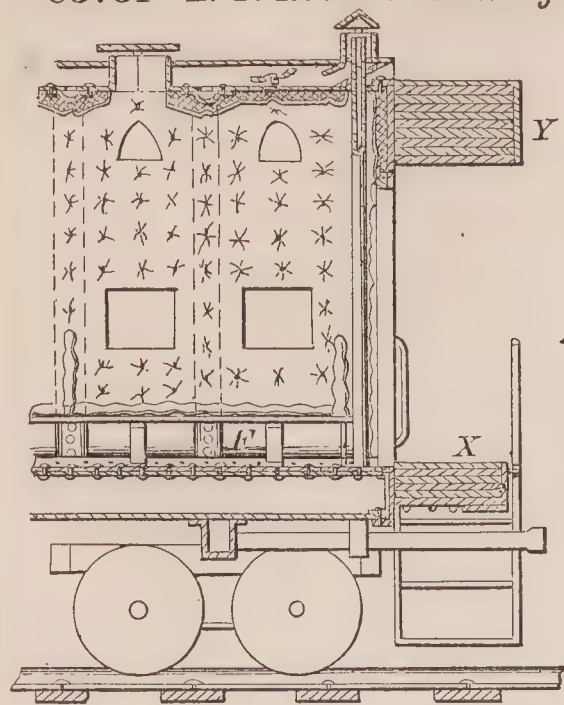
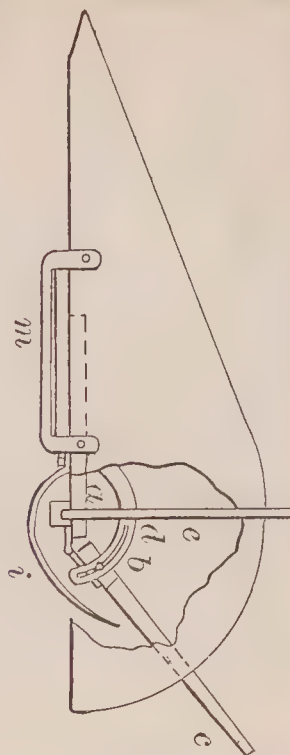
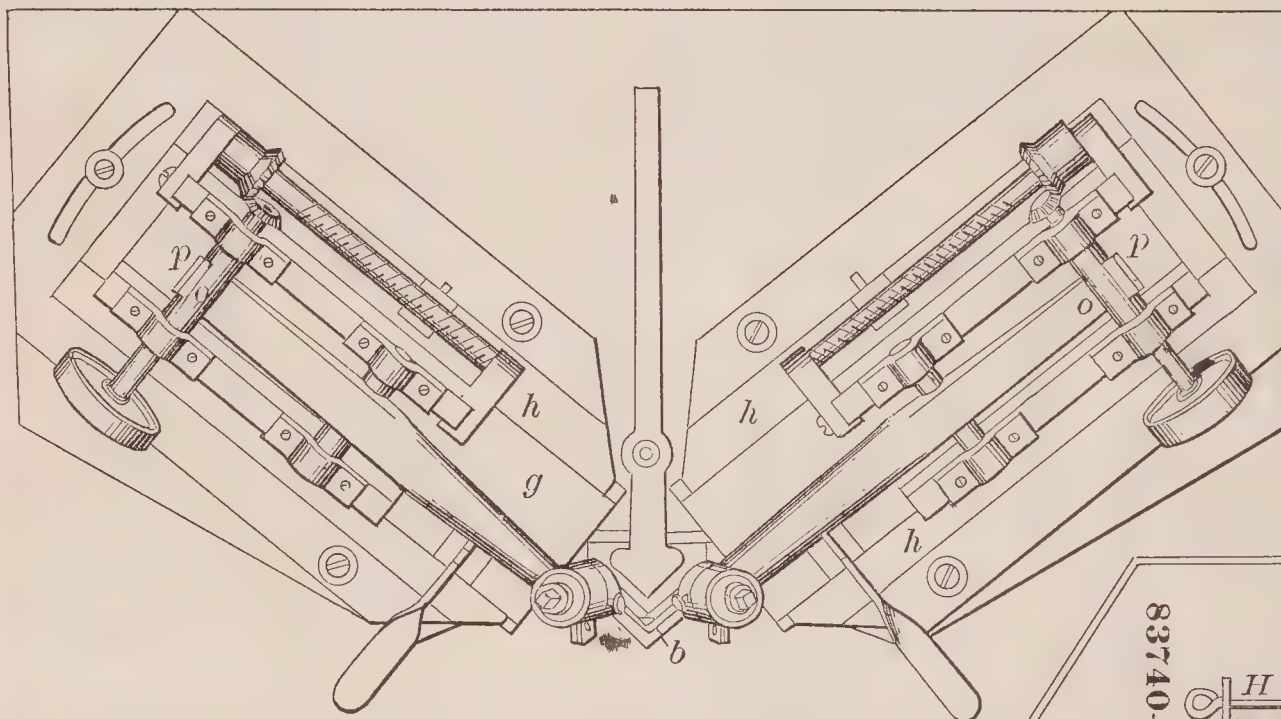
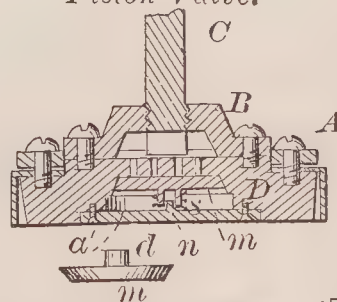
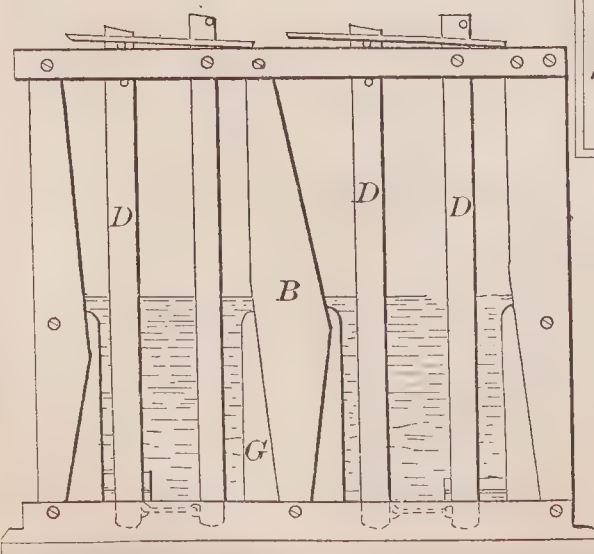
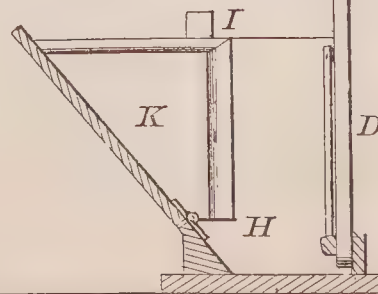
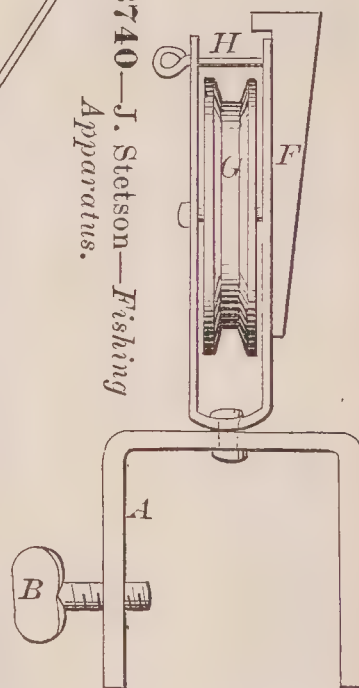
83734—N. B. Sherwood—*Piano Forte Tuning Key.*



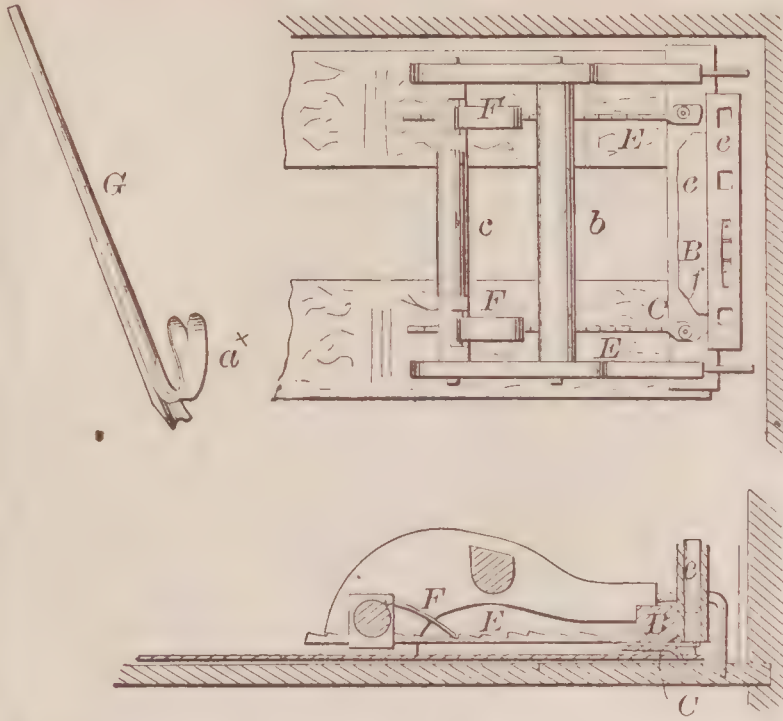
83732—Schlingman, Glander & Campbell—*Churn.*



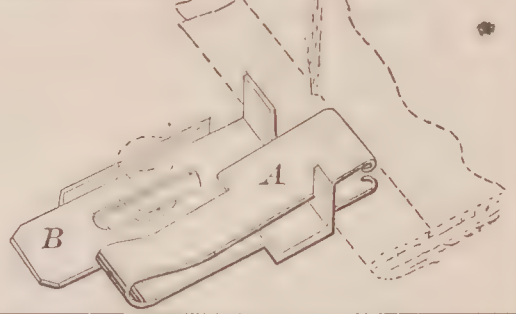


83731—E. Y. Robbins—*Railway Car.*83735—A. H. Shreffler—*Harvester.*83736—A. A. & G. F. Simonds—*For Serrating Sickle Sections.*83739—M. C. Stebbins—*Piston Valve.*83738—W. F. Stanley—*Manger.*83740—J. Stetson—*Fishing Apparatus.*

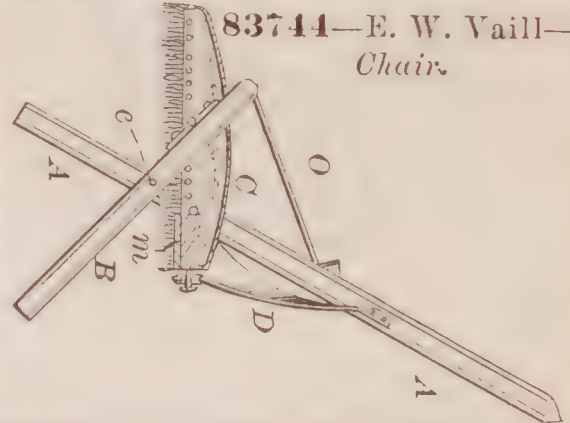
83741—S. Stevenson—*Carpet Stretcher.*



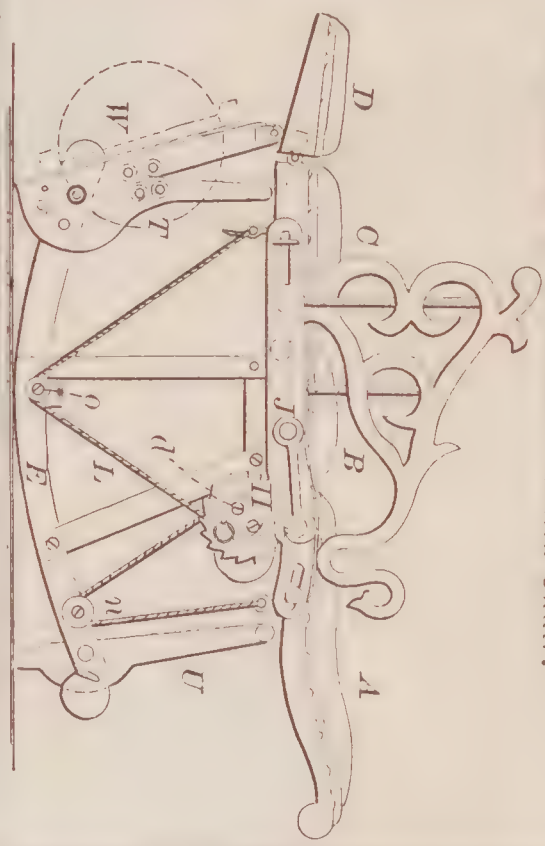
83742—W. M. Stoddard—*Sewing Machine Binder.*



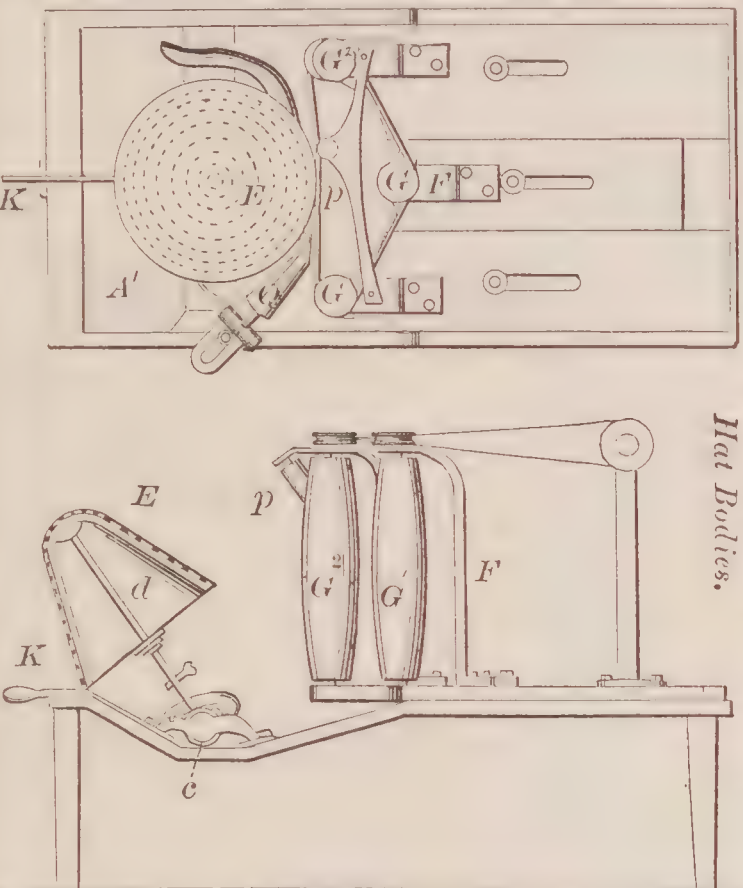
83744—E. W. Vaill—*Chair.*



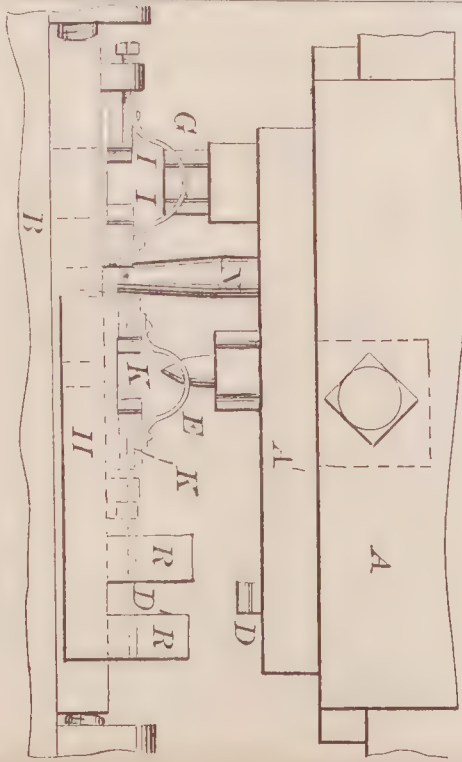
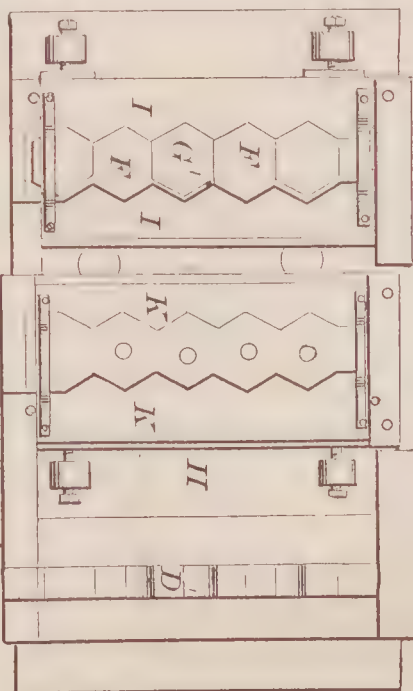
83746—L. M. Whitman—*Invalid Chair.*



83743—Storm & Ennis—*For Pulling and Felling Hat Bodies.*

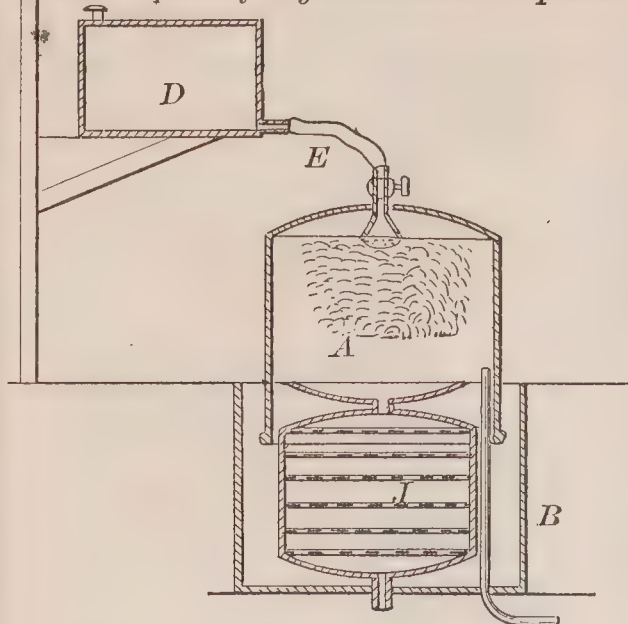


83745—S. Vanstone—*For Making Nuts.*

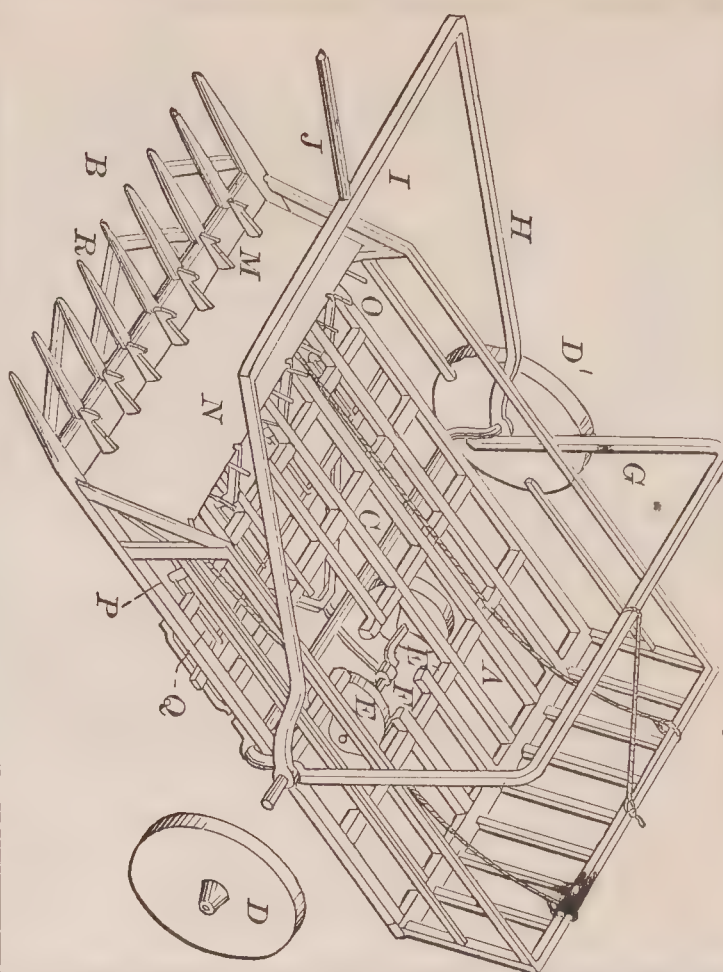




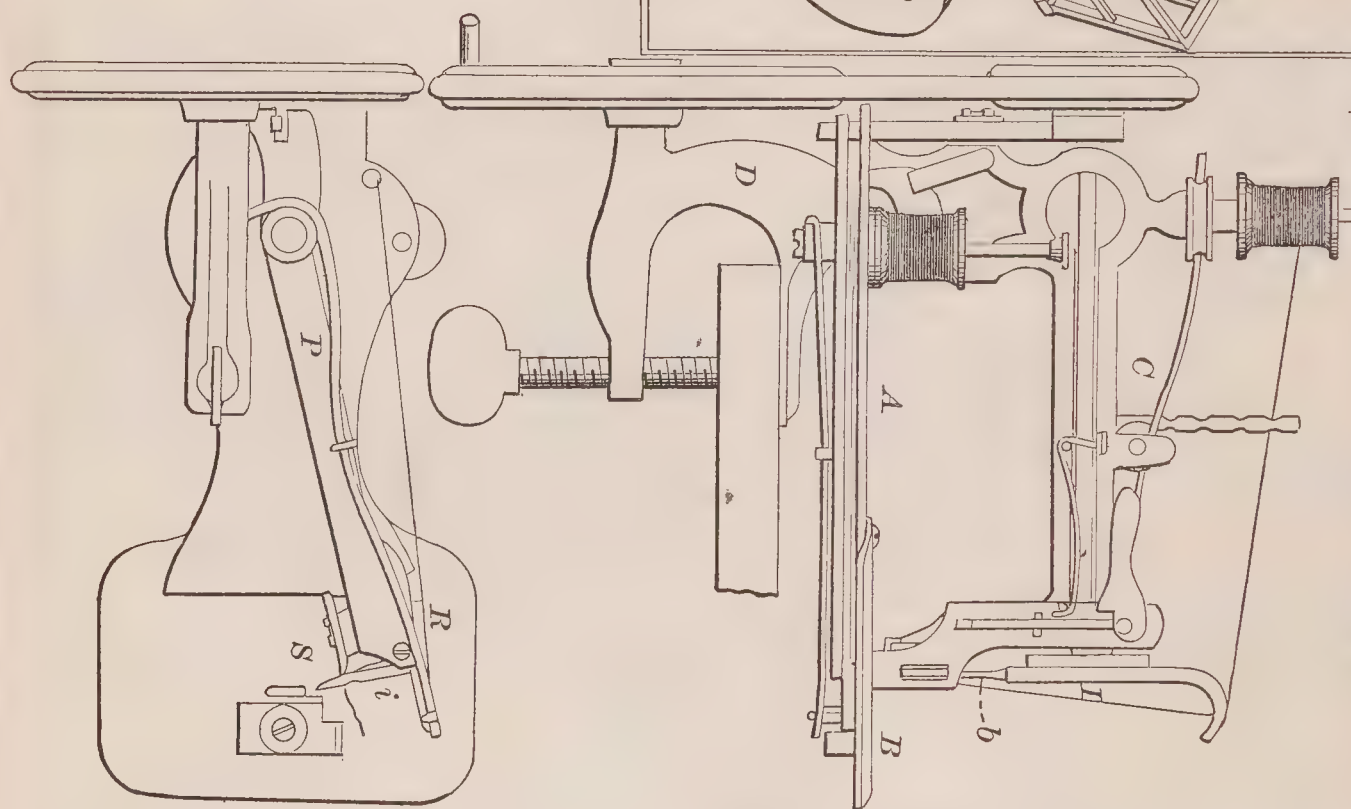
83748—C. M. Williams—*Charging Gases with Vapors of Hydro-Carbon Liquids.*



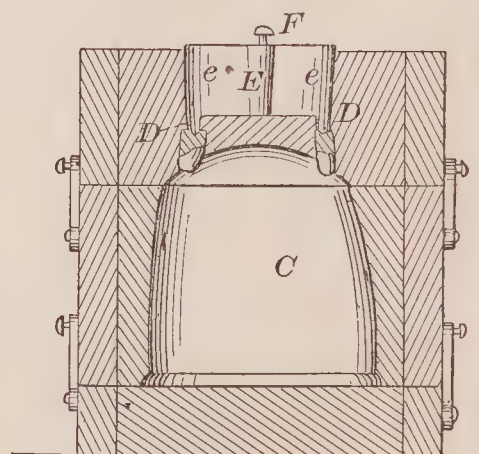
83749—I. M. Williams—*Self-Loading Hay Cart.*



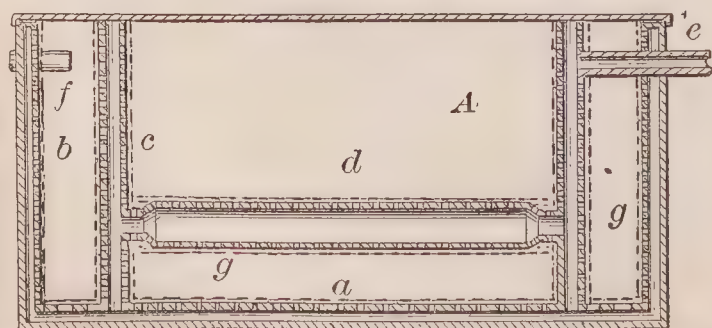
83750—Willmarth & Farr—*Sewing Machine.*



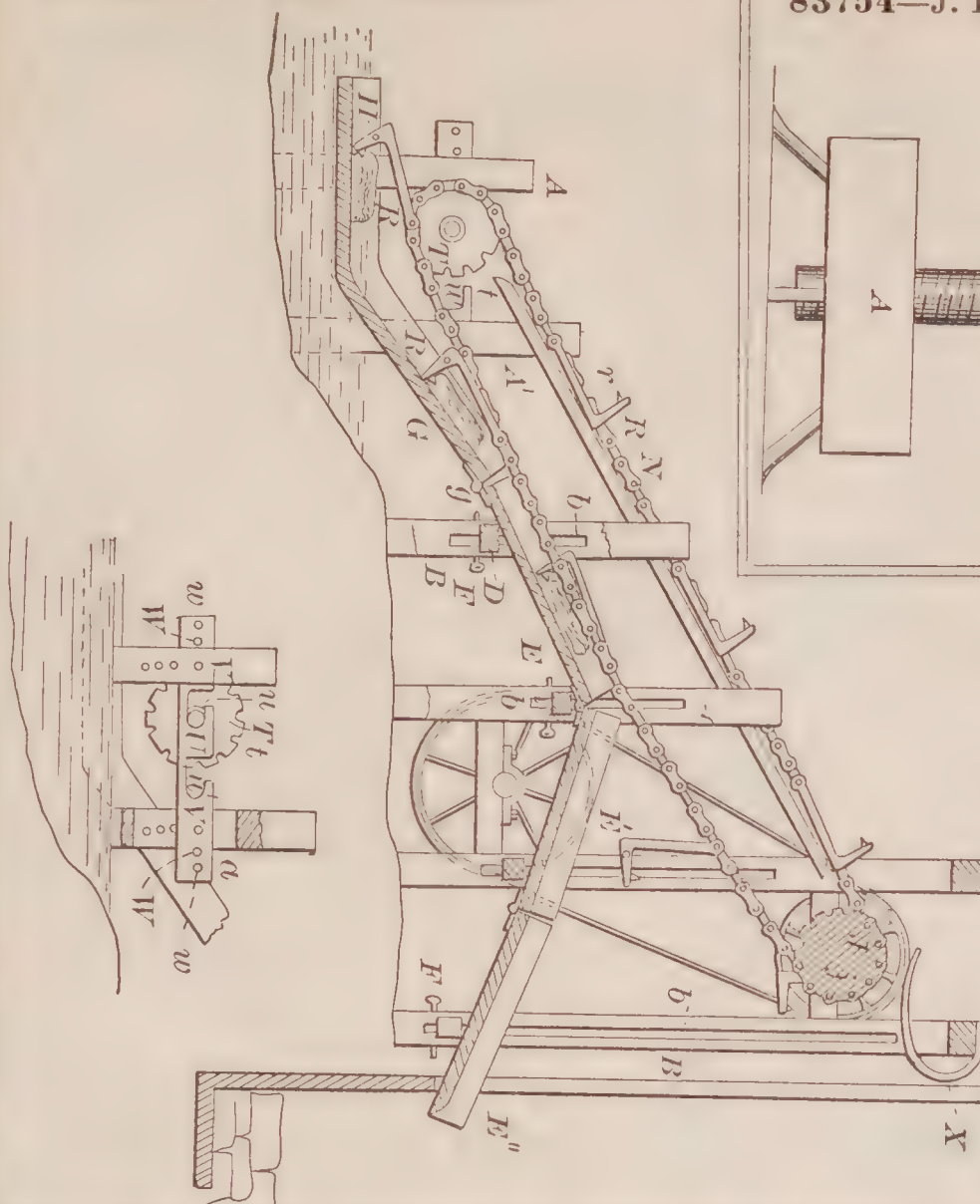
83751—J. Ziegler—*Casting Hollow Ware.*



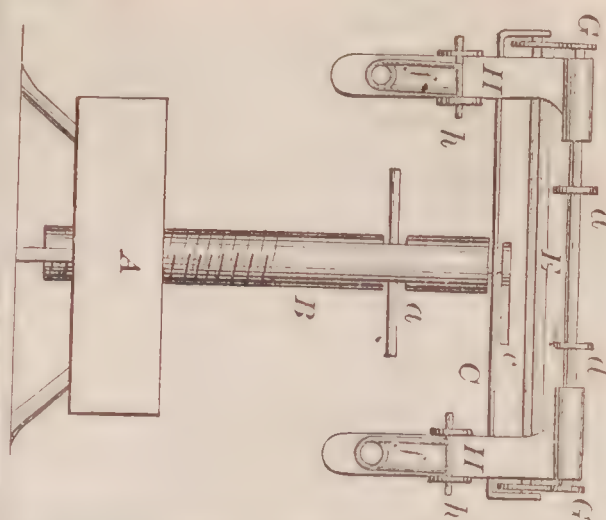
83753—C. Alden—*Treating and Storing Grain.*



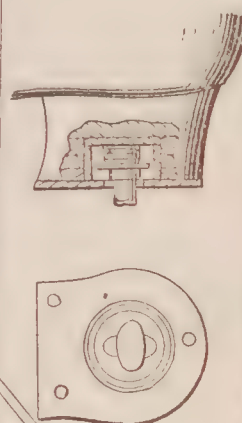
83752—R. S. Zilar—*Ice Elevator.*



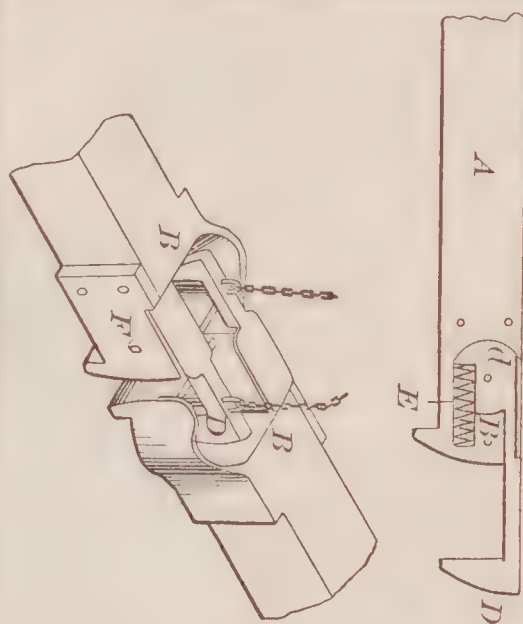
83754—J. K. Alwood—*Fleecing Cradle.*



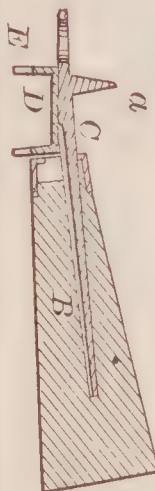
83756—E. Brady—*Skate Fastening.*



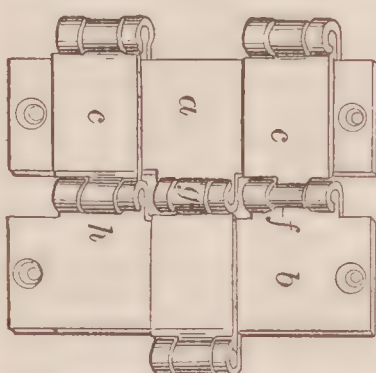
83761—S. K. Christy—*Car Coupler.*



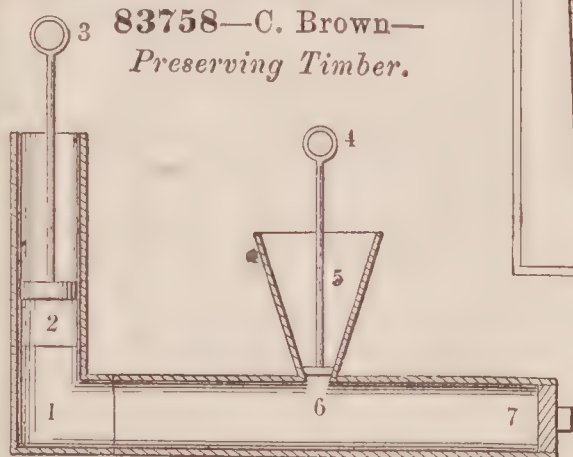
83757—C. B. Bristol—*Curry Comb.*



83760—J. H. Carkeet—*Butt Hinge.*

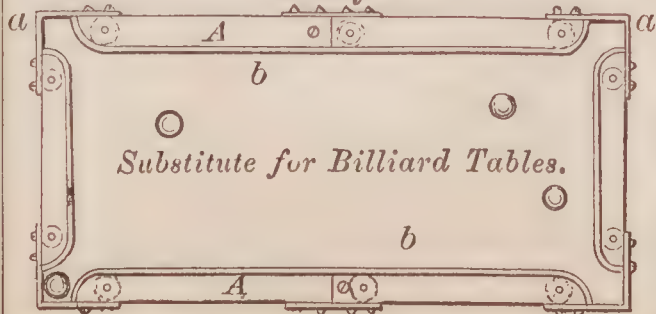


83758—C. Brown—*Preserving Timber.*

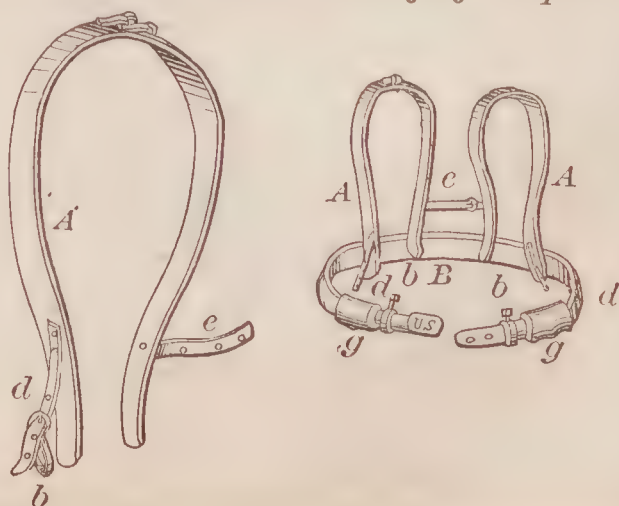


83759—A. G. Buzby—

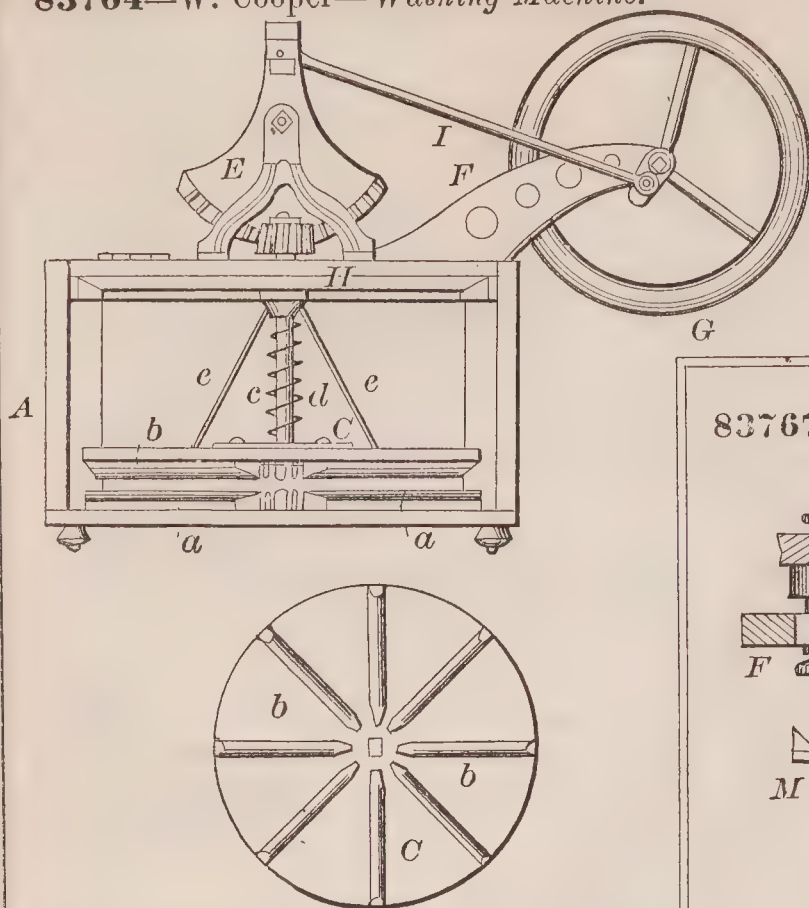
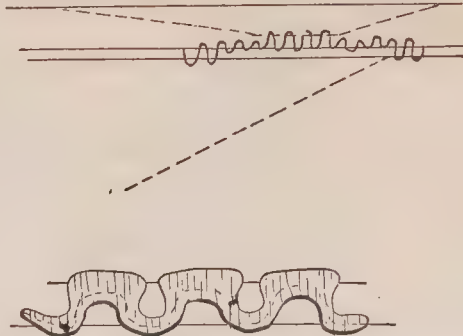
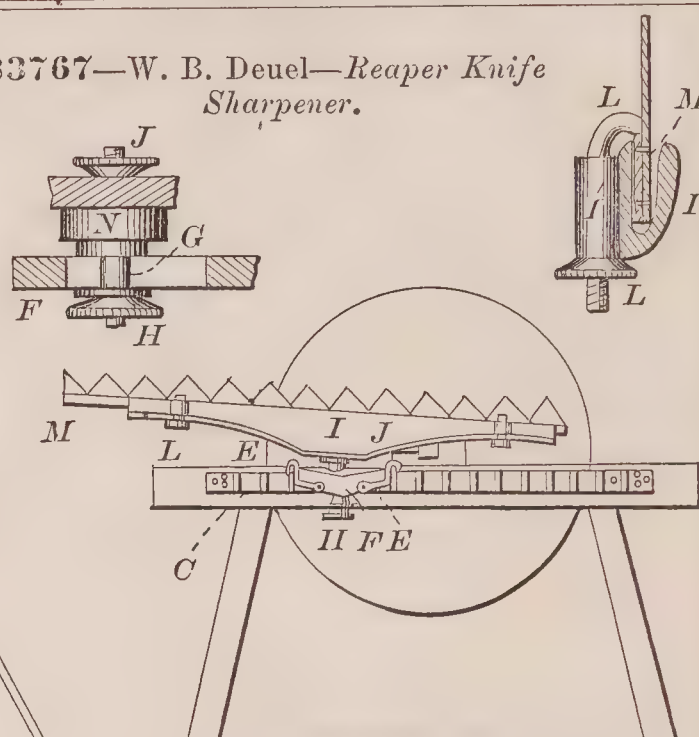
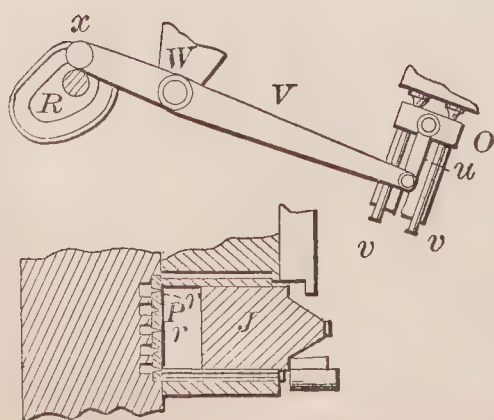
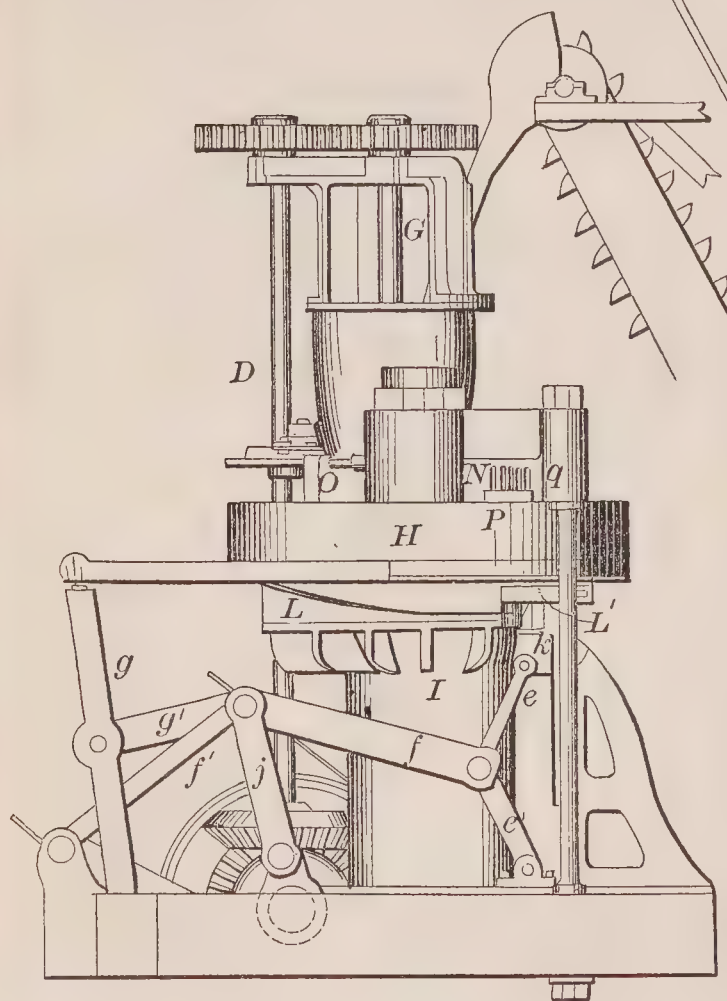
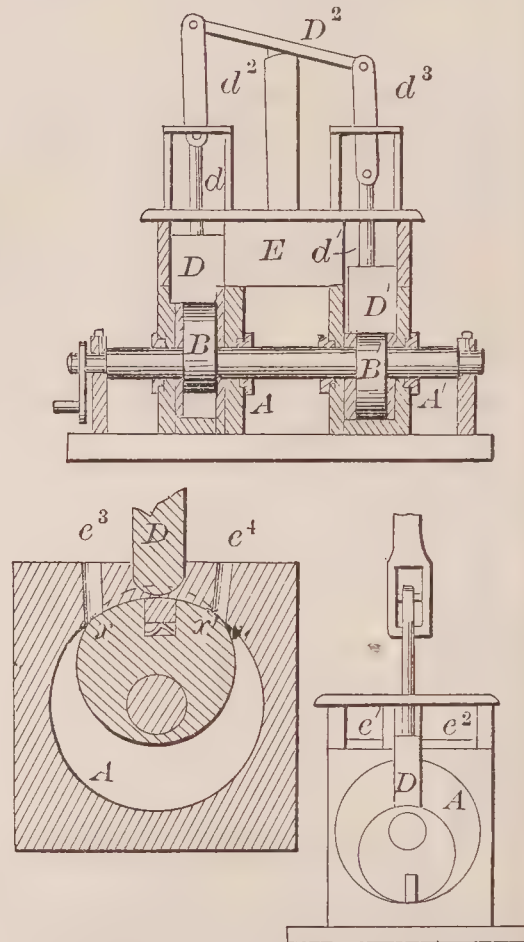
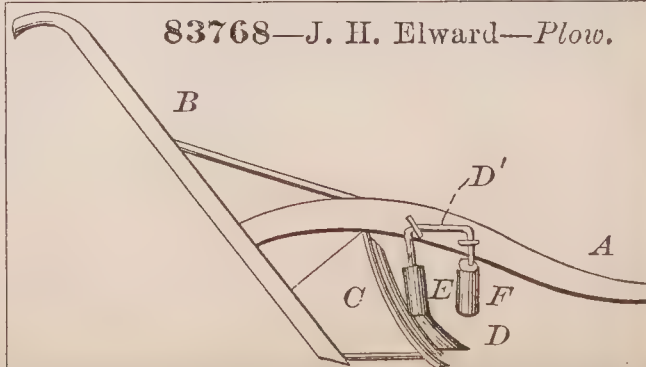
*Substitute for Billiard Tables.*



83762—W. Clifford—*Carrying Knapsacks.*



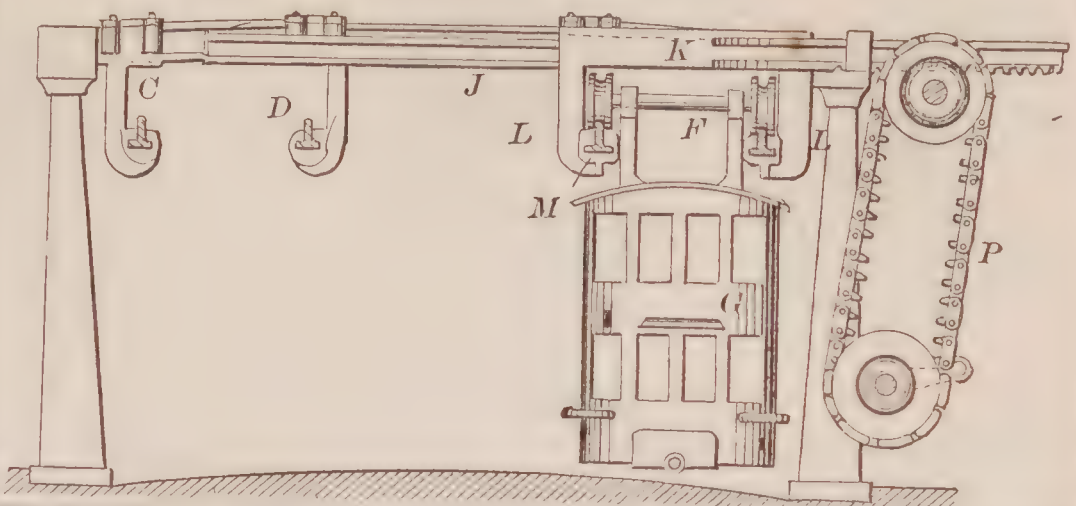


83764—W. Cooper—*Washing Machine.*83765—C. O. Crosby—*Tatting.*83767—W. B. Deuel—*Reaper Knife Sharpener.*83769—E. Faron—*Brick Machine.*83766—D. Currie—*Steam Engine.*83768—J. H. Elward—*Plow.*

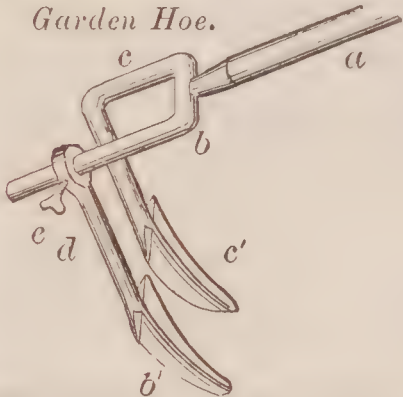


83770—M. Fitzgibbons—Box.

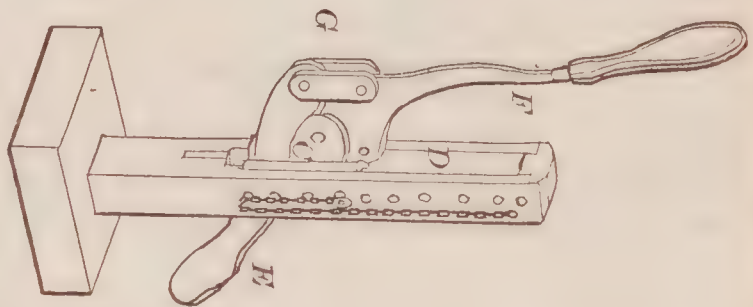
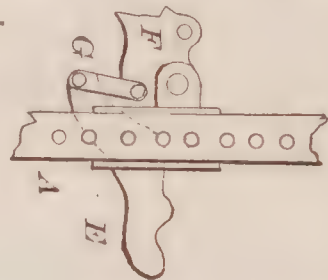
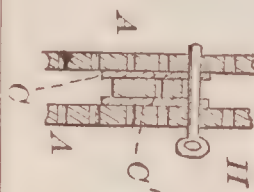
83772—O. Grantner—Elevated Railway.



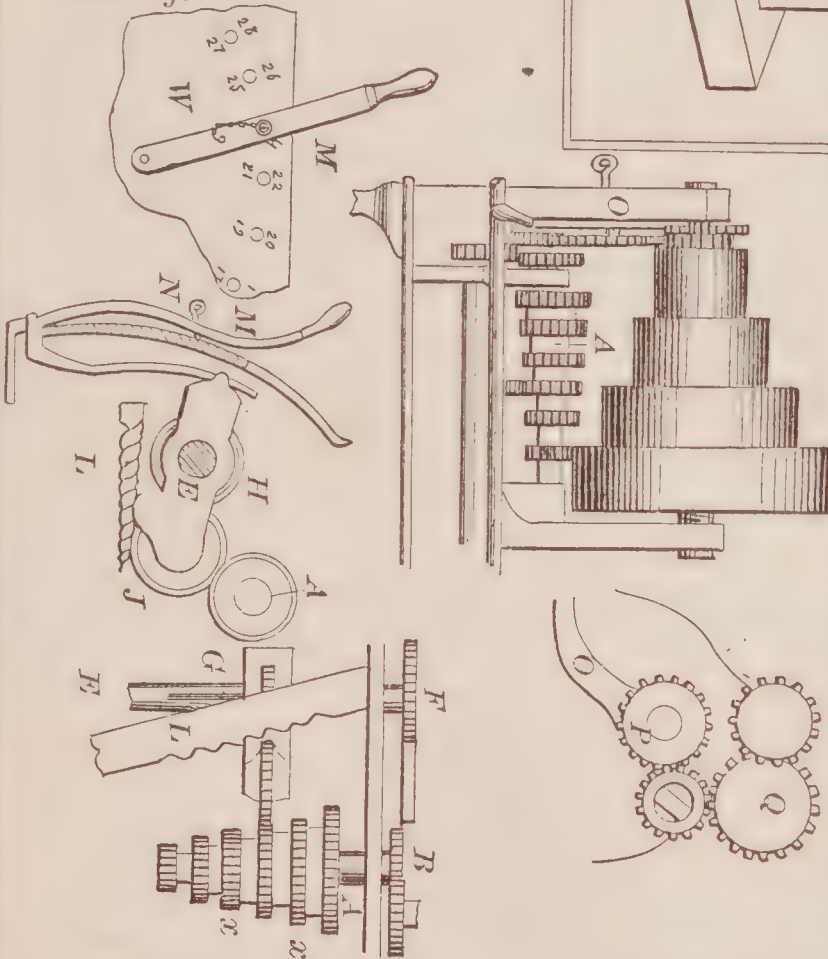
83771—M. H. Fletcher—Garden Hoe.



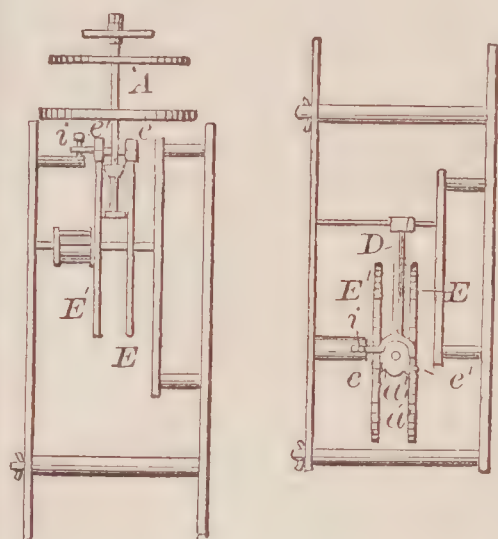
83773—H. L. Hammond—Carriage Jack.



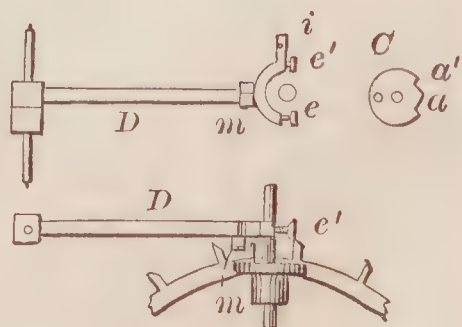
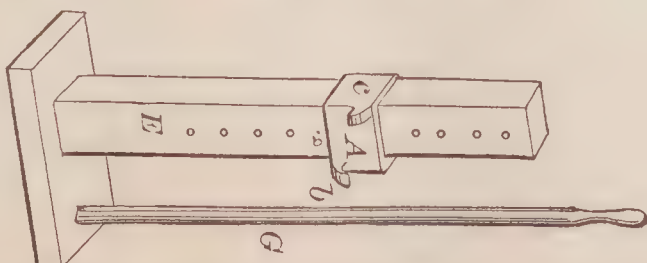
83774—J. Humphreys—Lathe Gearing.



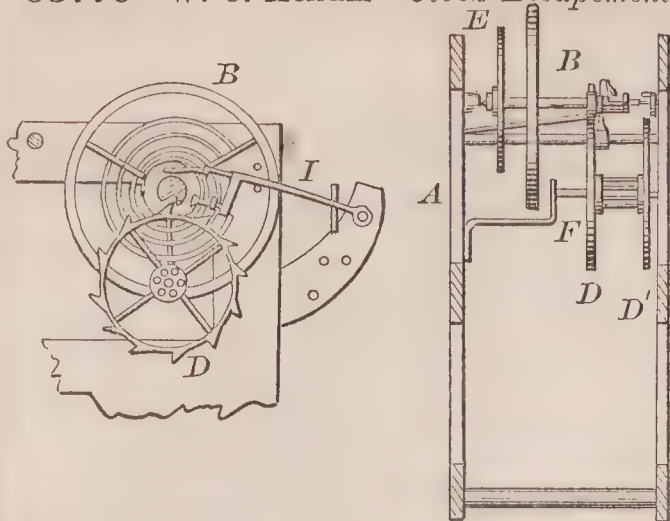
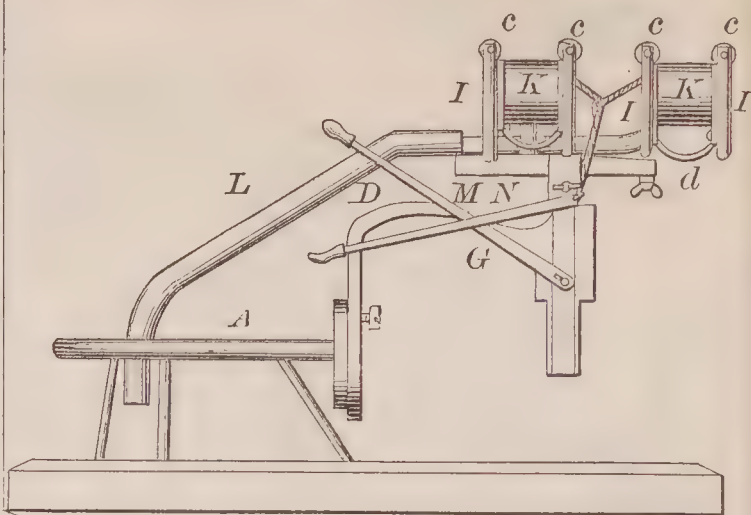
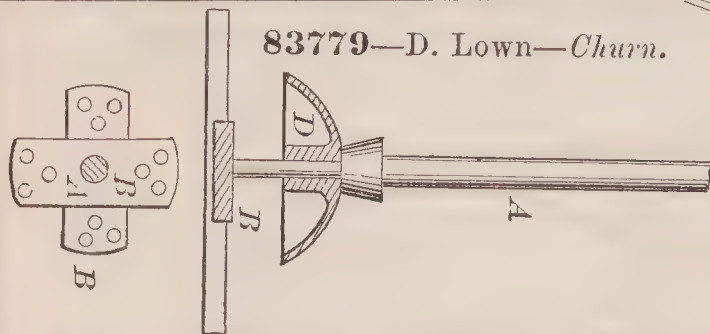
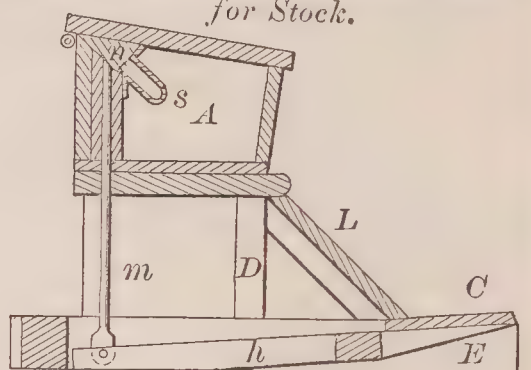
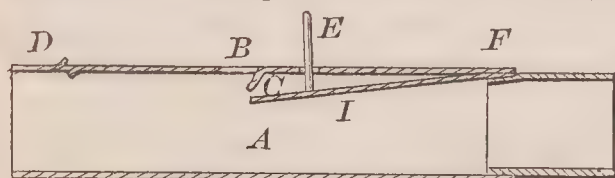
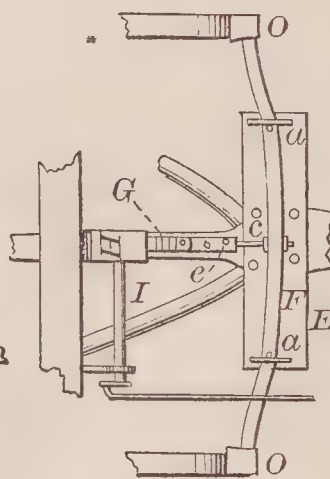
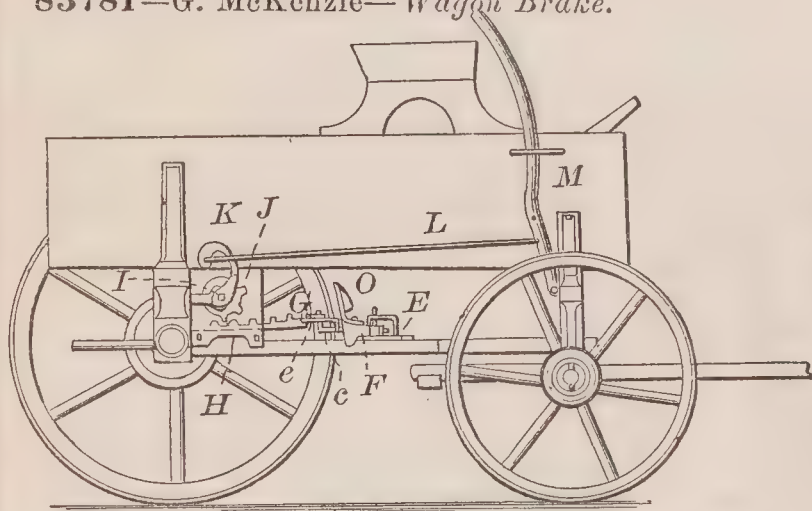
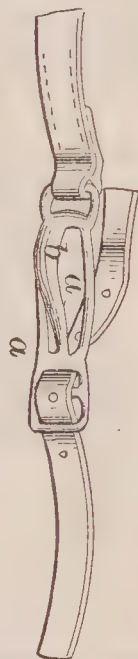
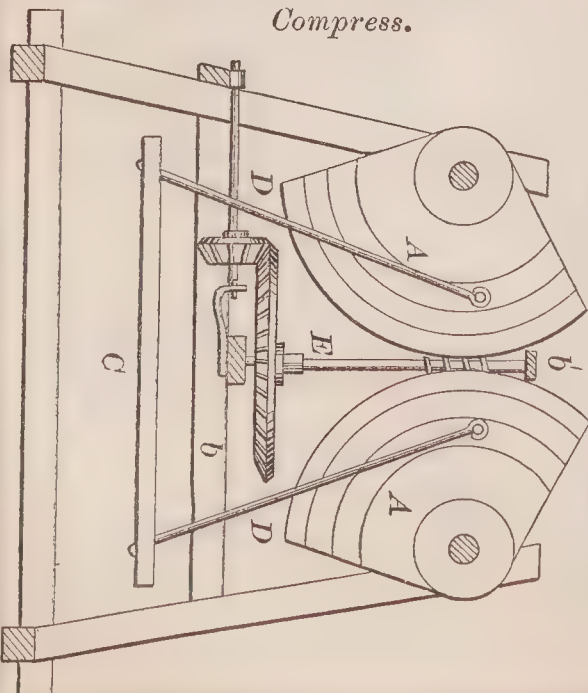
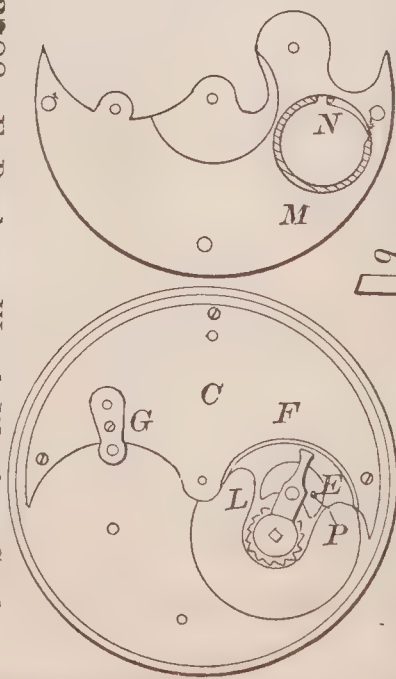
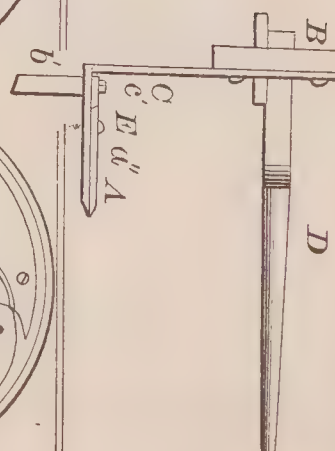
83775—W. C. Kellum—Clock Escapement.



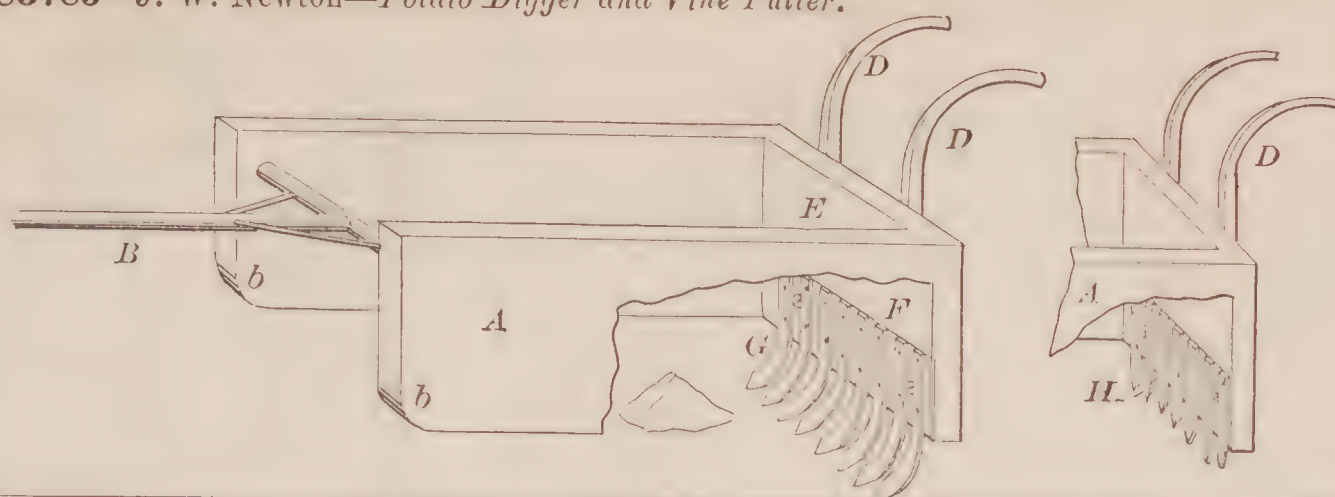
83778—H. W. Long—Wagon Jack.



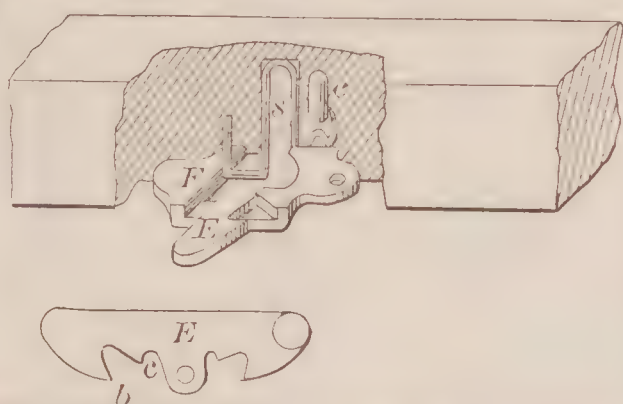


83776—W. C. Kellum—*Clock Escapement.*83777—T. H. Lindley—*For Milking Cows.*83779—D. Lown—*Churn.*83780—G. T. Marshall—*Salting Trough for Stock.*83782—G. Morgan—*Wind Elevator of Grain.*83781—G. McKenzie—*Wagon Brake.*83787—C. B. Payne—*Gag Swivel.*83783—E. L. Morse—*Cotton Compress.*83788—E. Paulus—*Watch Winding Click.*83784—J. W. Newton—*Boy Cutter and Drag.*

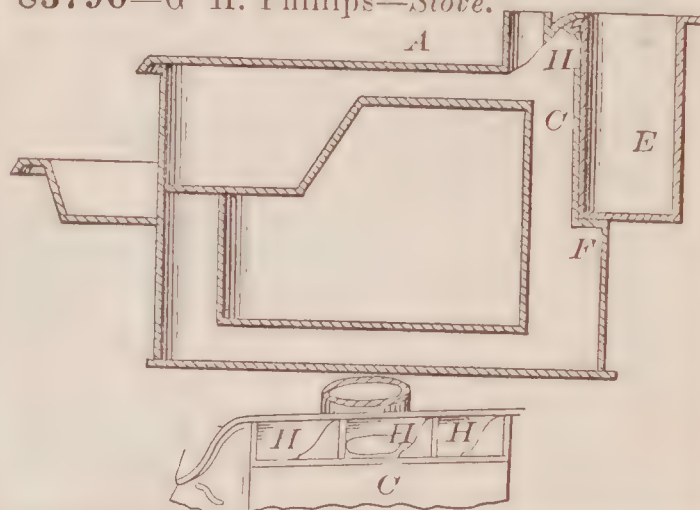
83785—J. W. Newton—*Potato Digger and Vine Puller.*



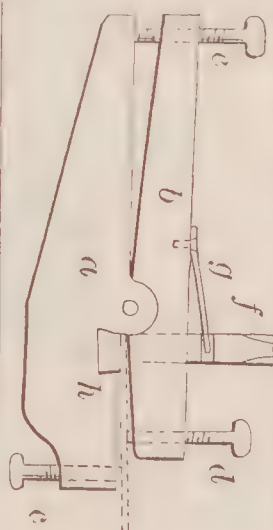
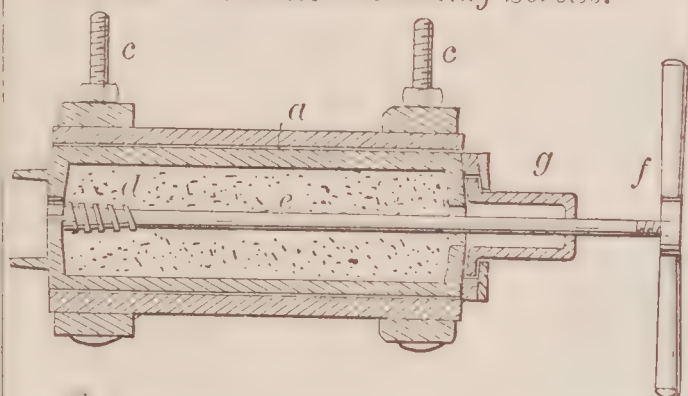
83789—W. Phelps, Jr.—*Blind Fastener.*



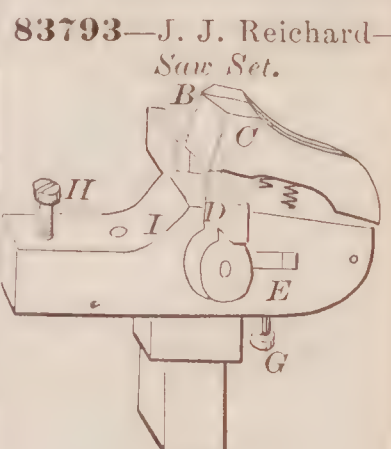
83790—G. H. Phillips—*Stove.*



83791—W. Potts—*Moulding Screws.*



83792—J. J. Reichard—*Saw Set.*

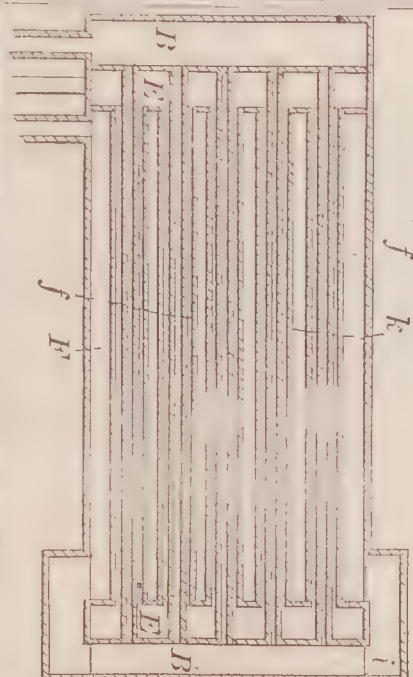


83793—J. J. Reichard—*Saw Set.*

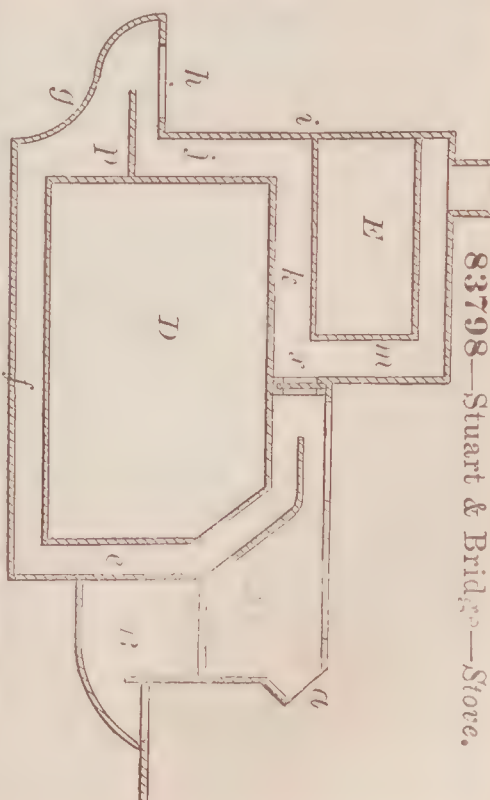
83797—J. T. Schmitt—*Picture Frame.*



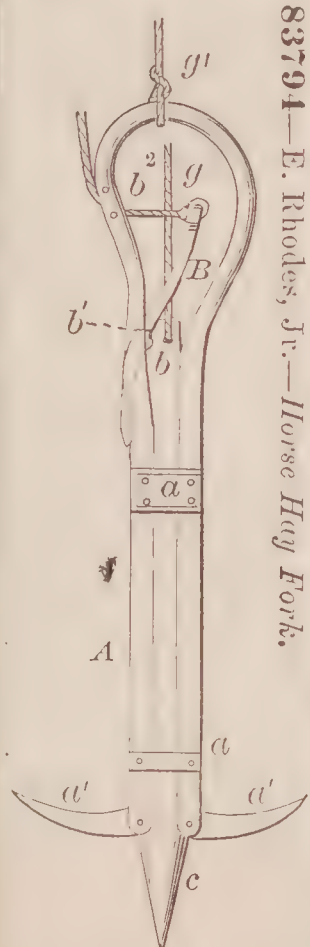
83796—H. Sahin—*Water Meter.*



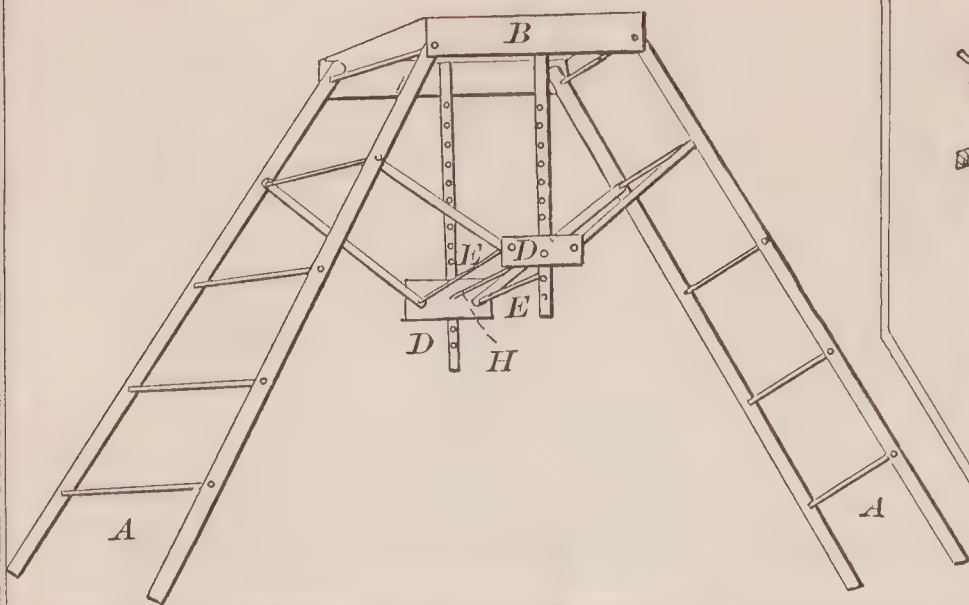
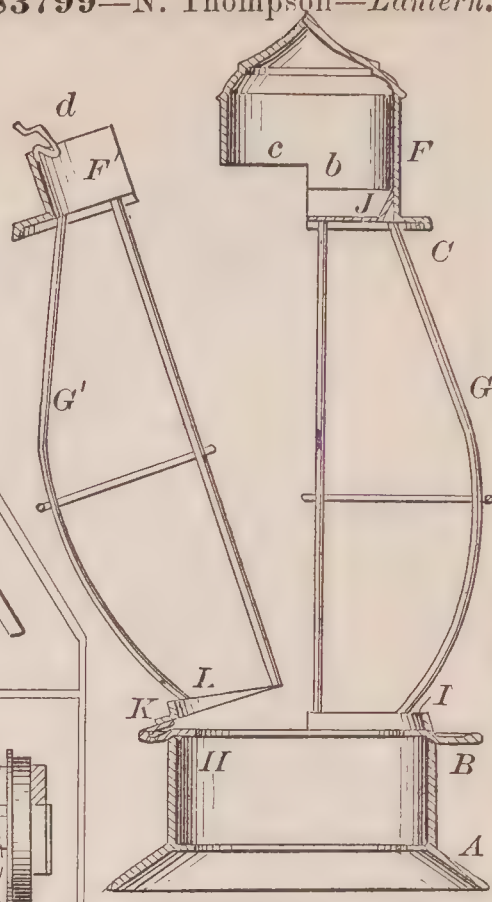
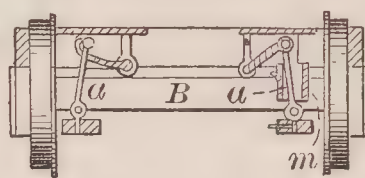
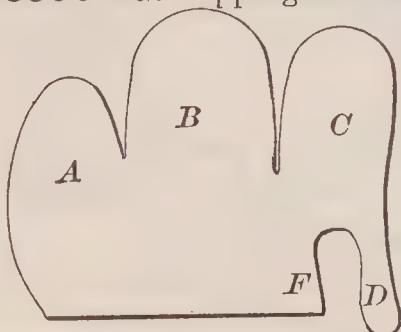
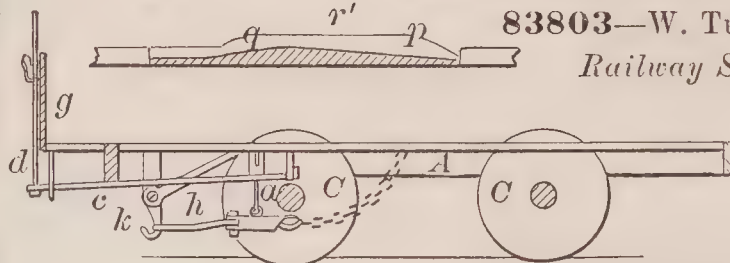
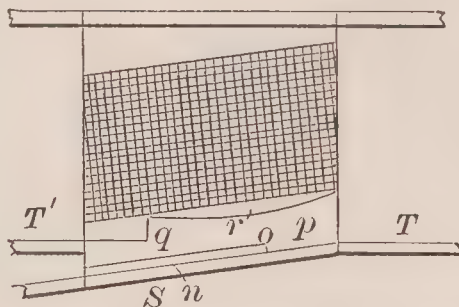
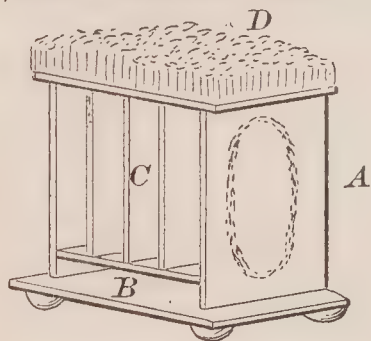
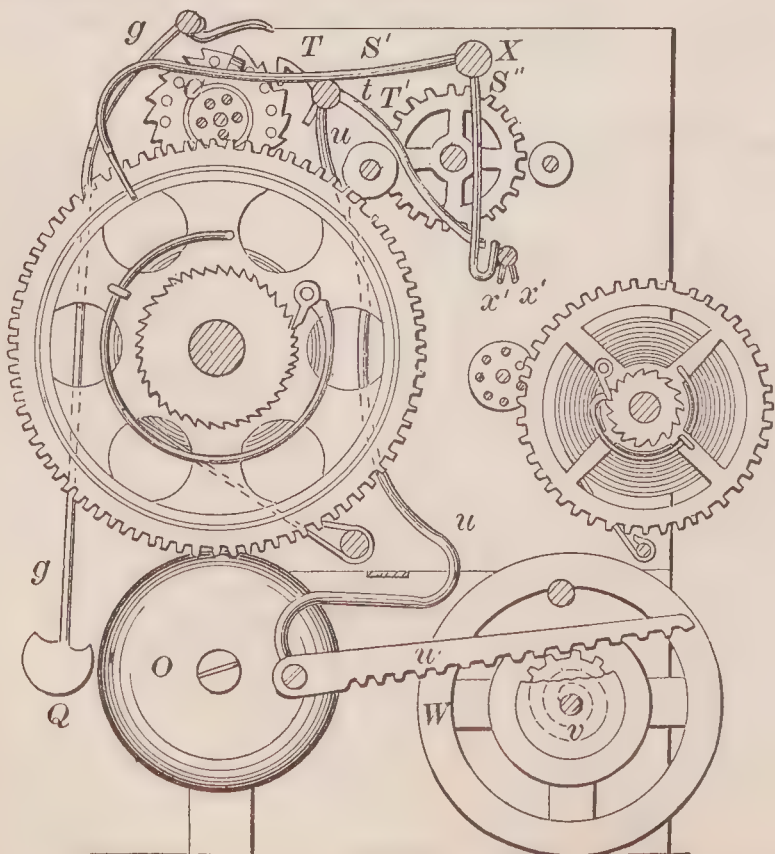
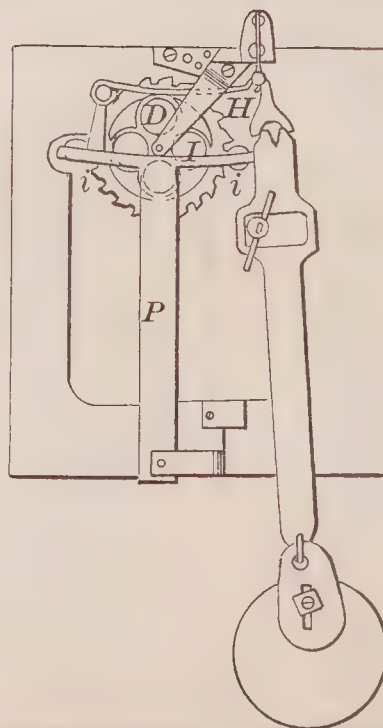
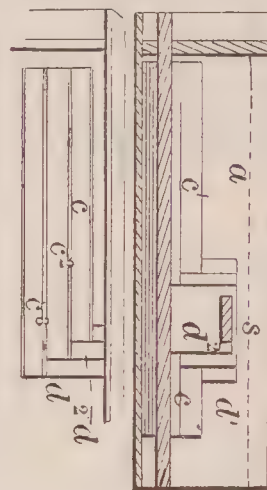
83798—Stuart & Bridg—*Stove.*



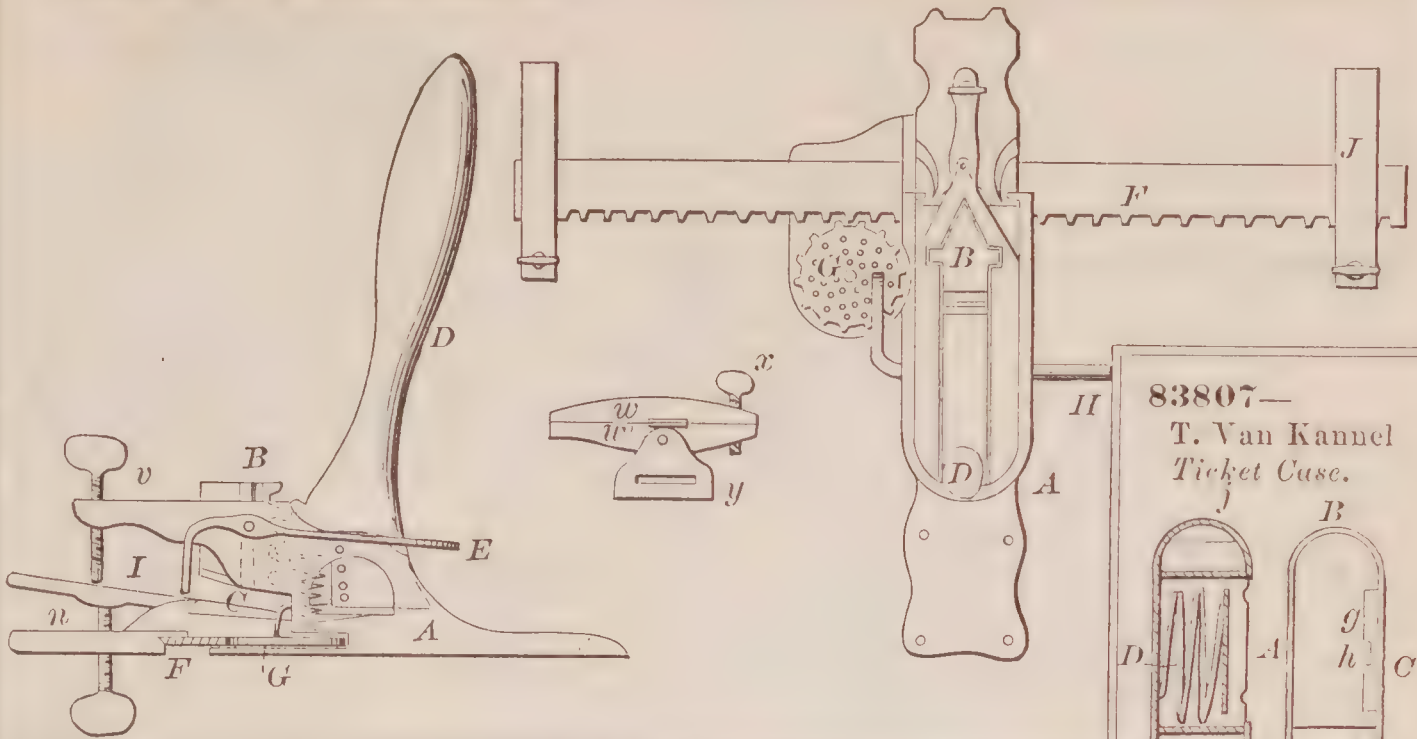
83794—E. Rhodes, Jr.—*Horse Hay Fork.*



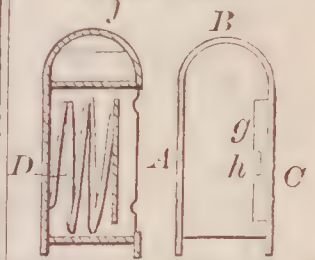


83795—C. S. Rouse—*Step Ladder.*83799—N. Thompson—*Lantern.*83800—G. Topping—*Mitten.*83803—W. Tuttle—*Street Railway Switch.*83801—A. N. Towne—*Music Stool and Rack.*83802—M. Tromly—*Clock Movement.*83804—P. S. Tyler—*Paper Boat.*

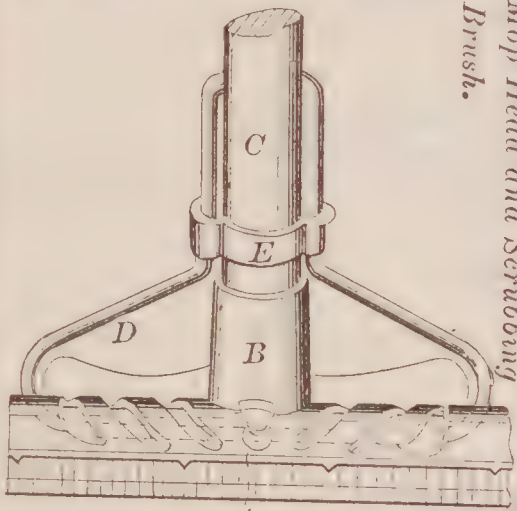
83805—R. W. Tyler—Saw Set.



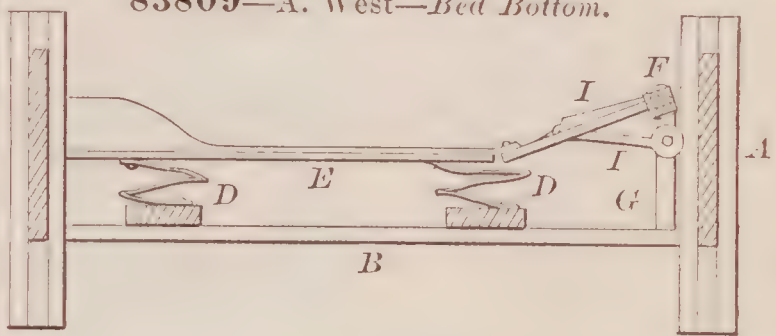
83807—  
T. Van Kannel  
Ticket Case.



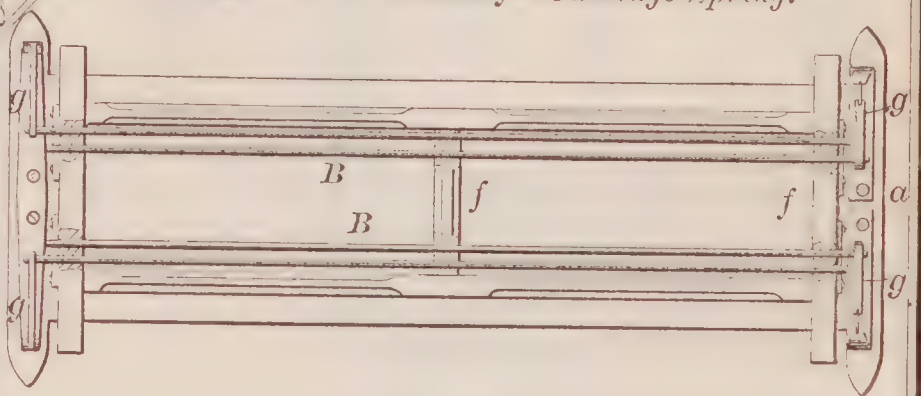
83806—W. S. Van Hoesen—  
Mop Head and Scrubbing  
Brush.



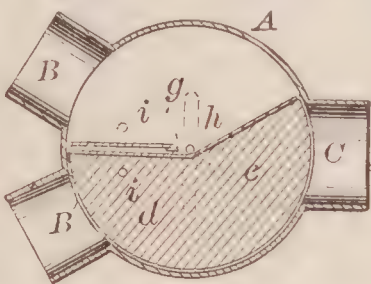
83809—A. West—Bed Bottom.



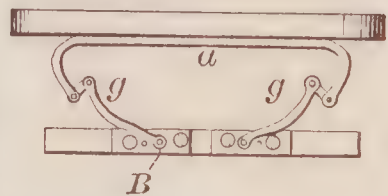
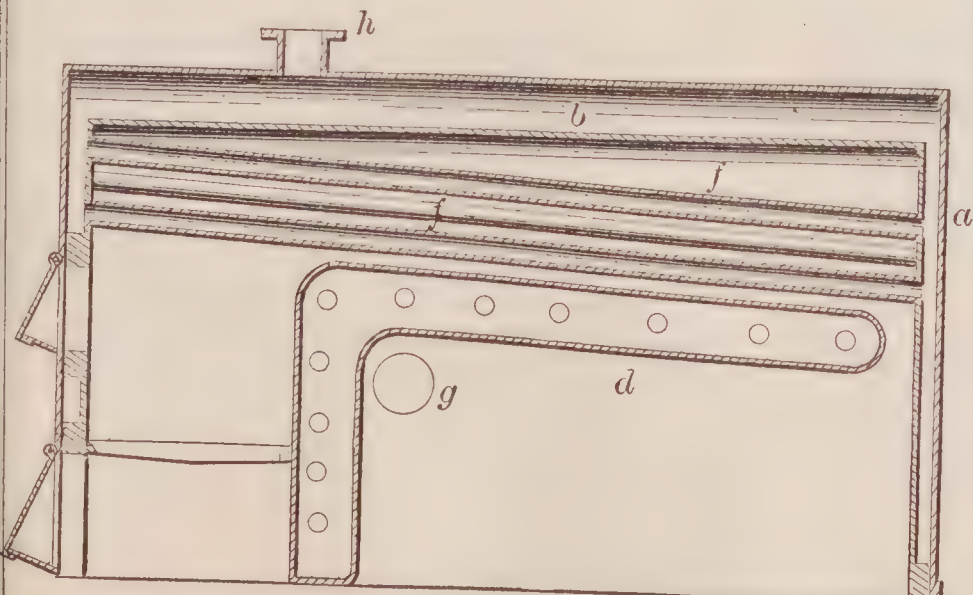
83810—W. F. Whitney—Carriage Spring.



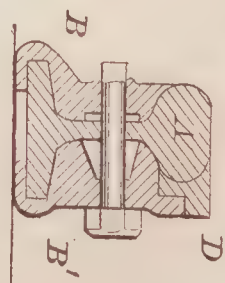
83808—Van Norman &  
Young—Rain Water Cut-off.



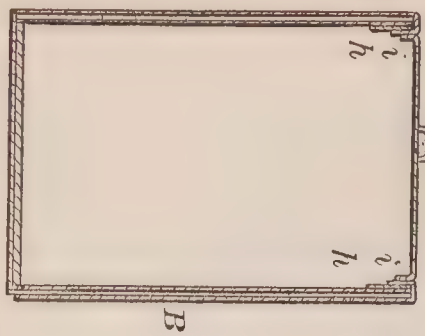
83811—C. Whittier—Steam Generator.



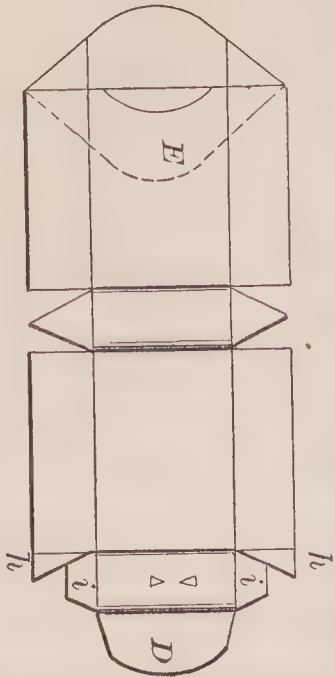
83813—J. Wixted—Railway  
Rail Splice.



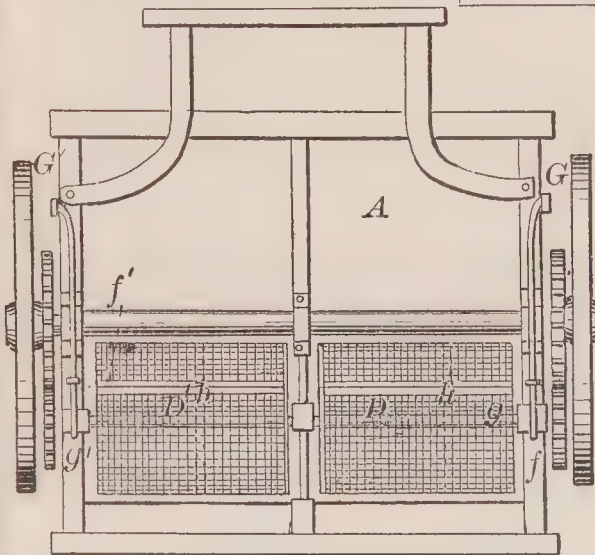




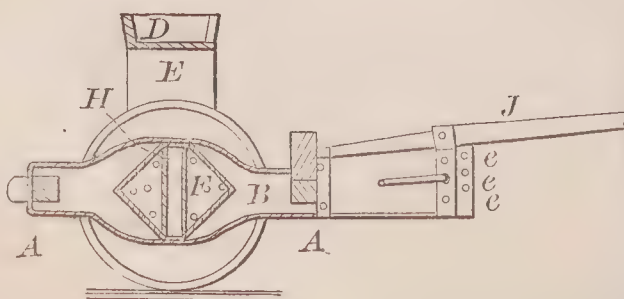
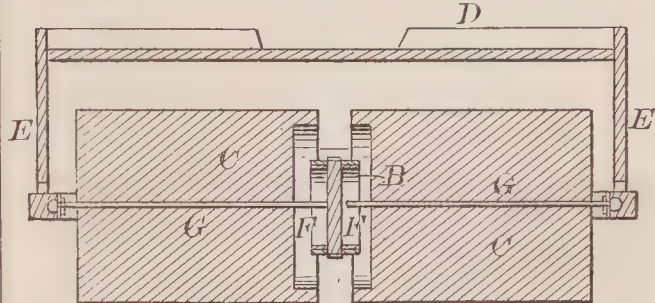
83812—J. W. Wilcox—Box.



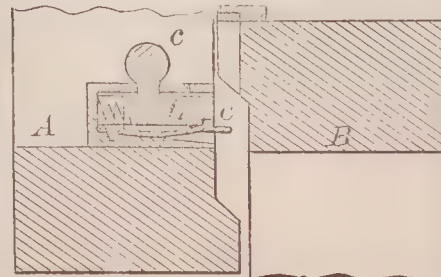
83816—G. U. Relyea—For Spreading Plaster.



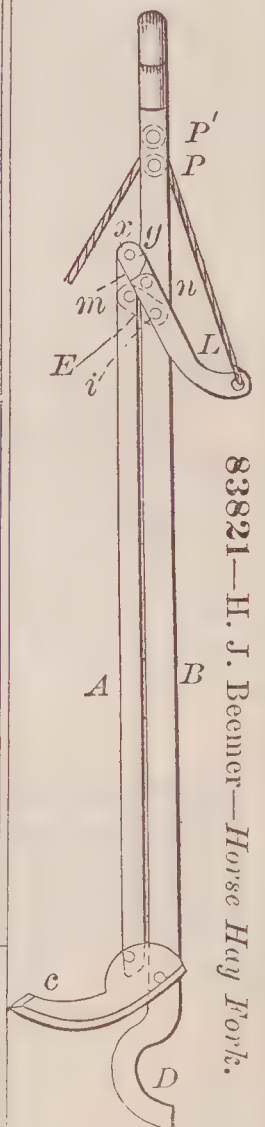
83818—W. W. Andrew—Field Roller.



83824—Bogert &amp; Perkins—Sash Fastener.



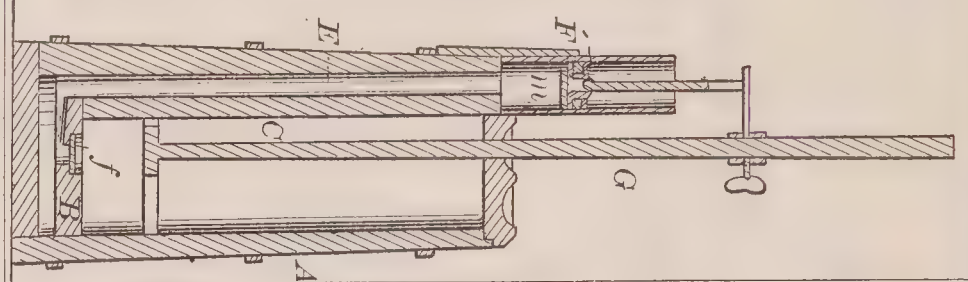
83821—H. J. Beemer—Horse Hay Fork.



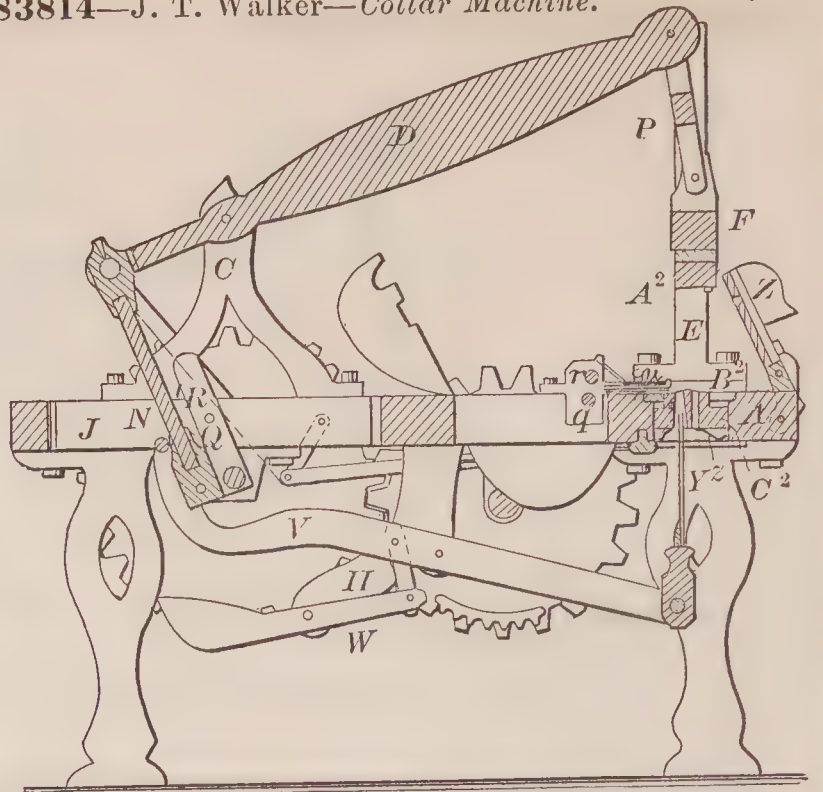
83819—L. J. Atwood—Pin Cushion.



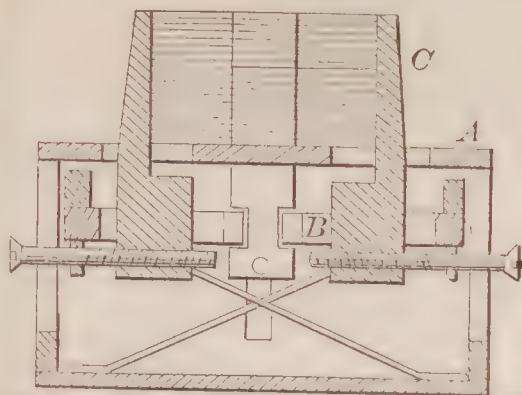
83815—S. S. Case—Churn.



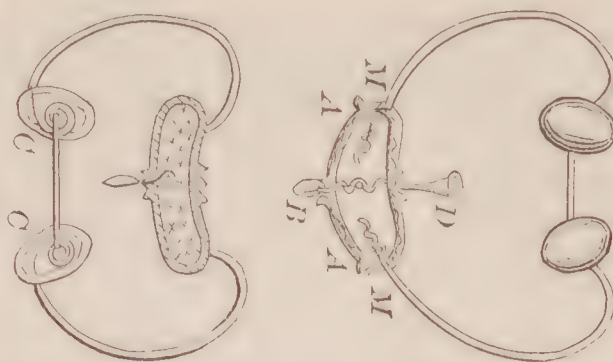
83814—J. T. Walker—Collar Machine.



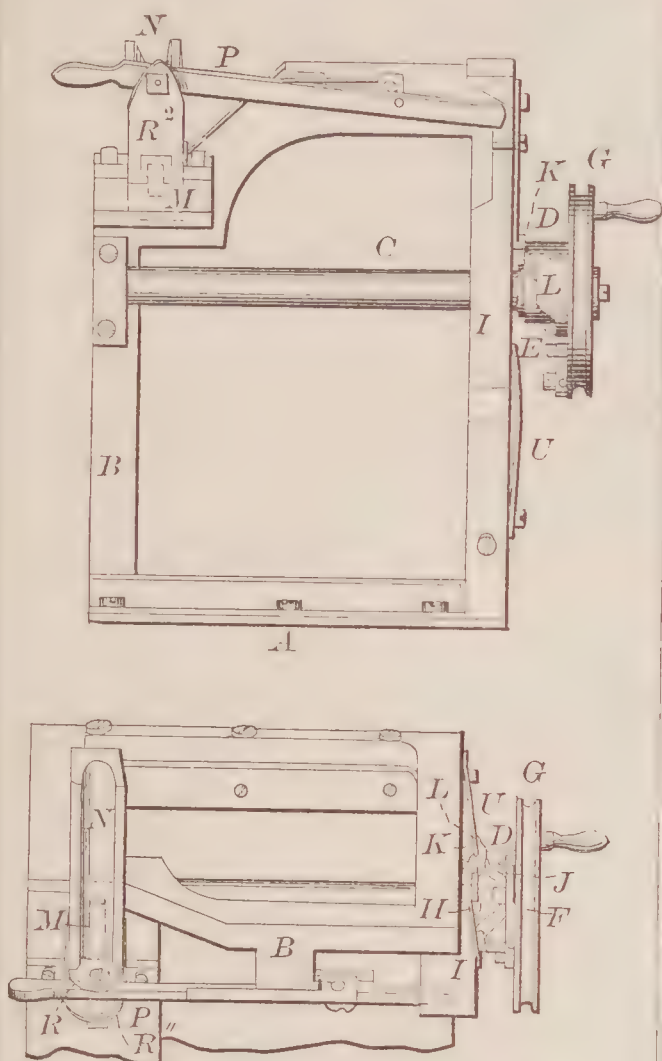
83825—W. E. Booraem—*For Pasting Labels.*



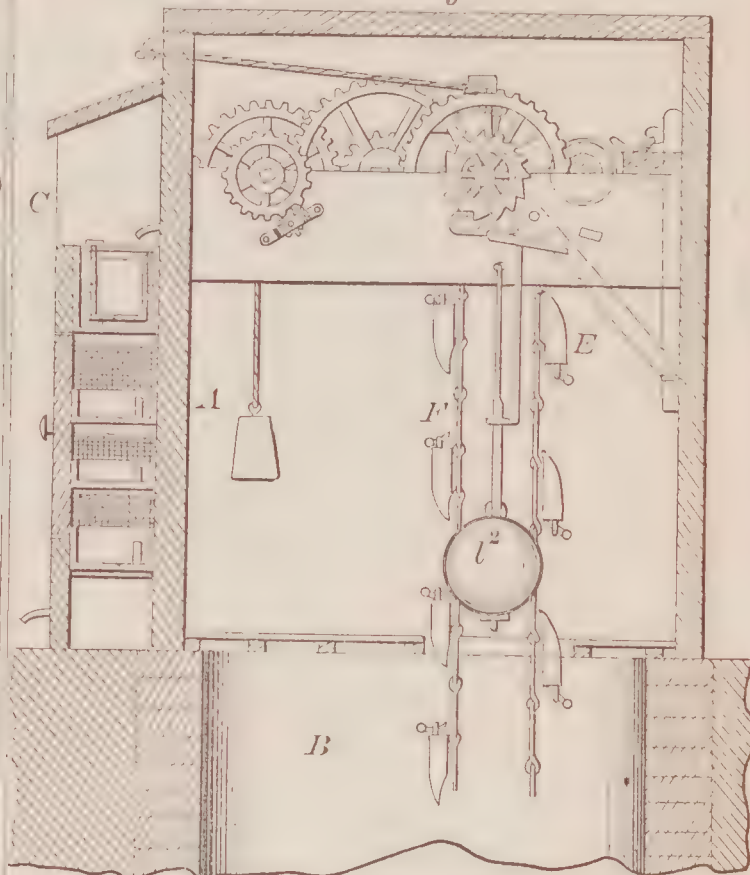
83826—J. T. Boyd—*Uterine Supporter.*



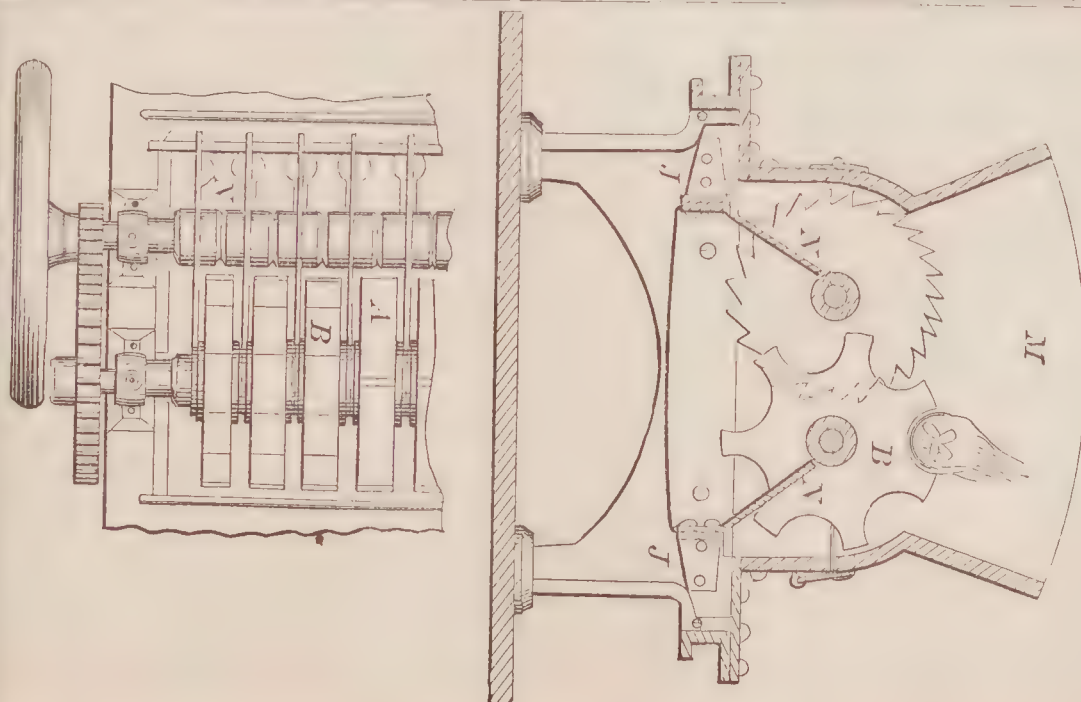
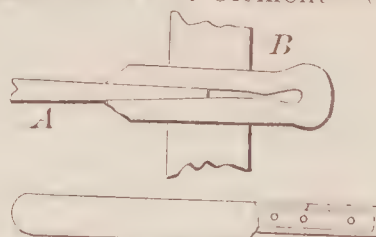
83828—D. Bruce—*Type Casting Machine.*



83827—H. N. Brooks—*Water Elevator and Dairy.*

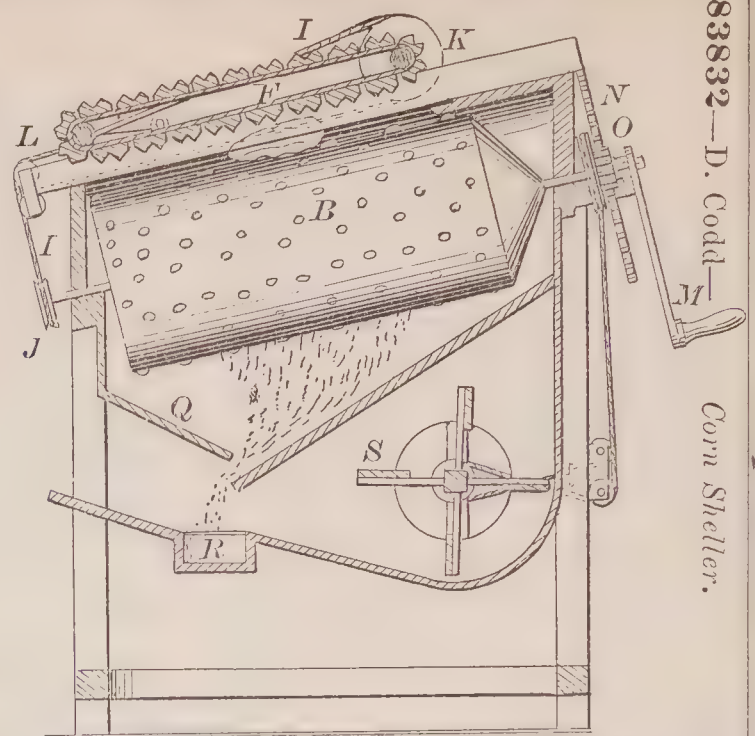
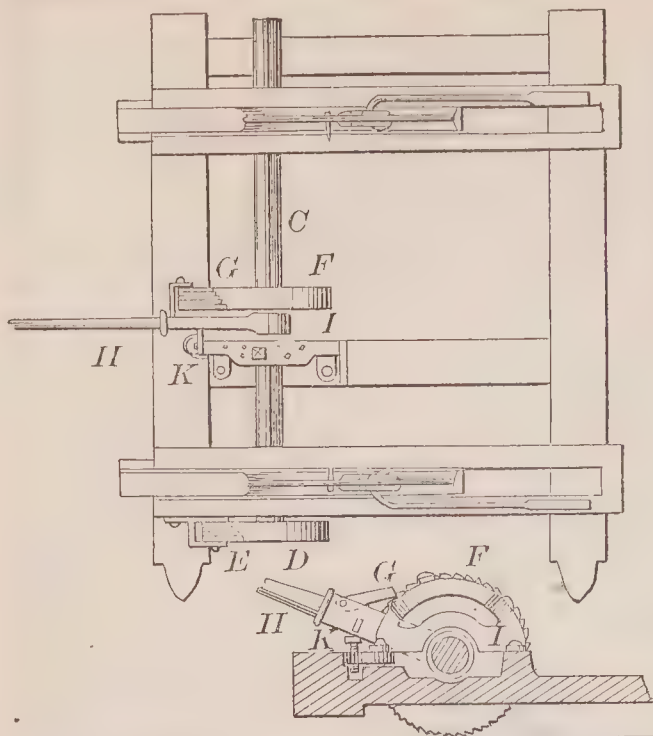
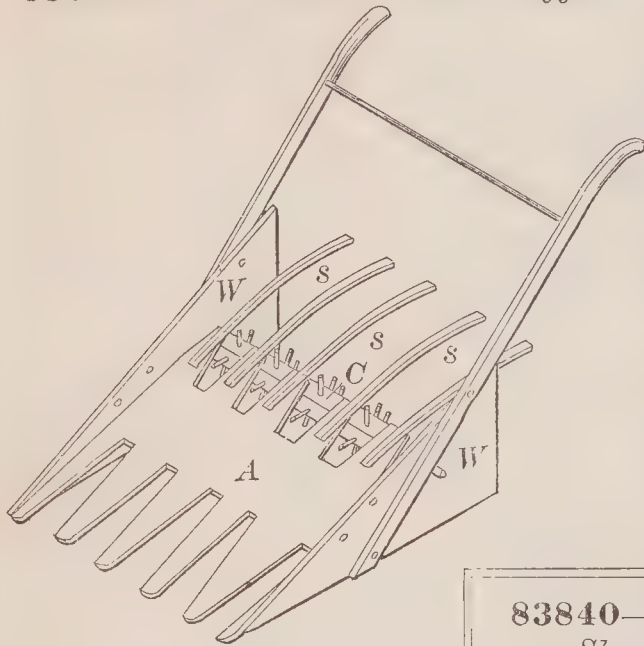
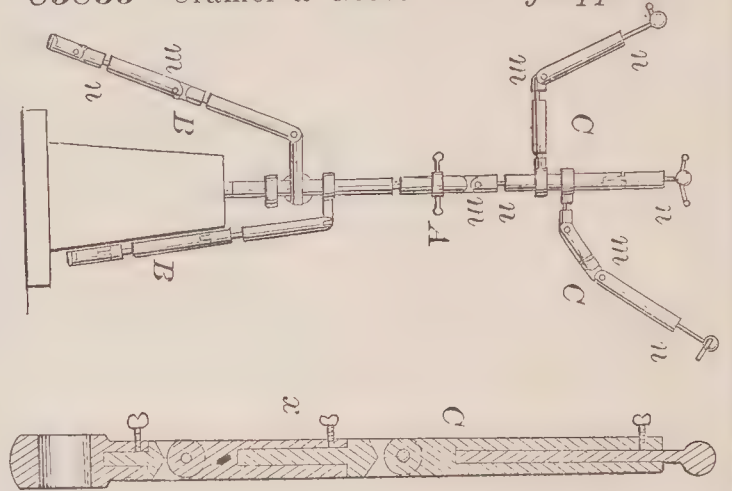
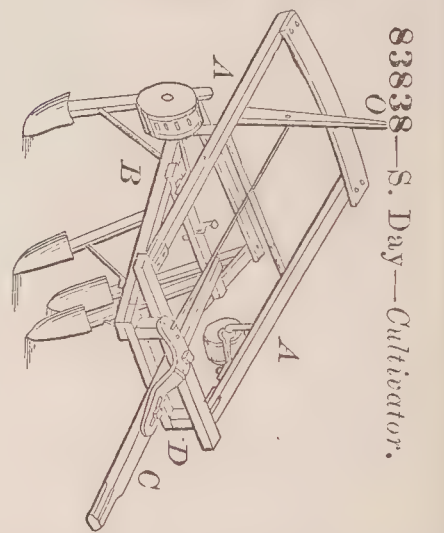
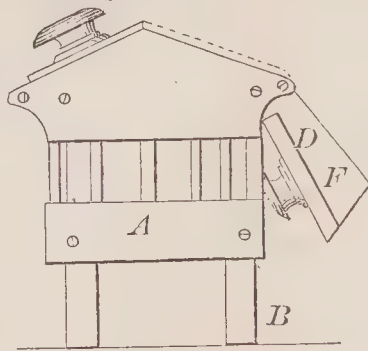
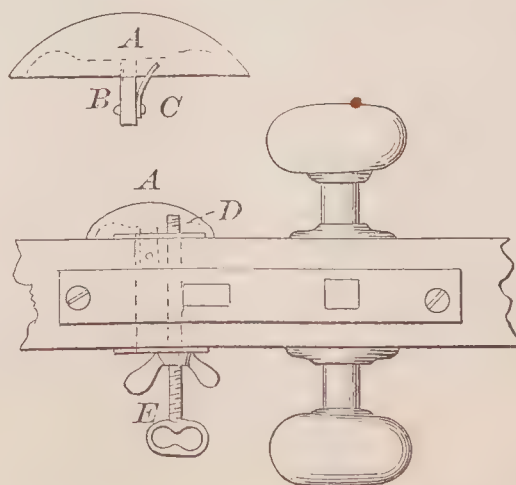


83831—W. T. Clement—*Cutlery.*



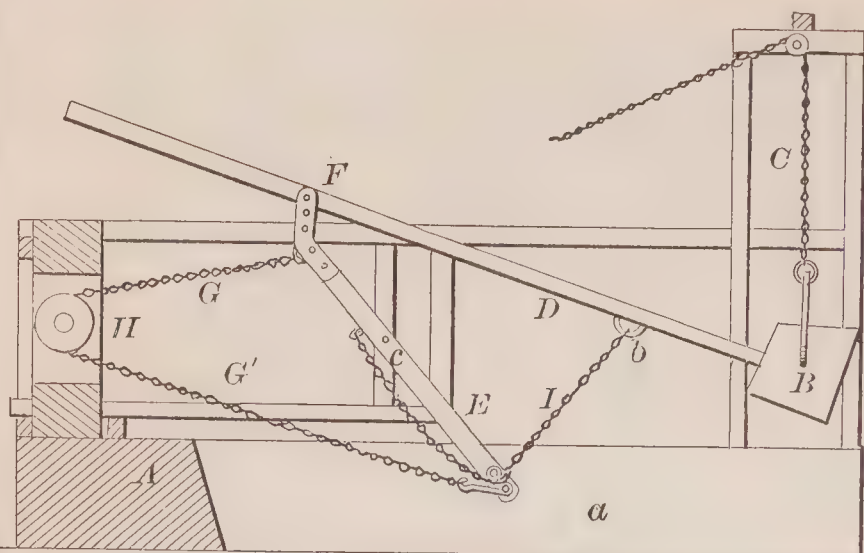
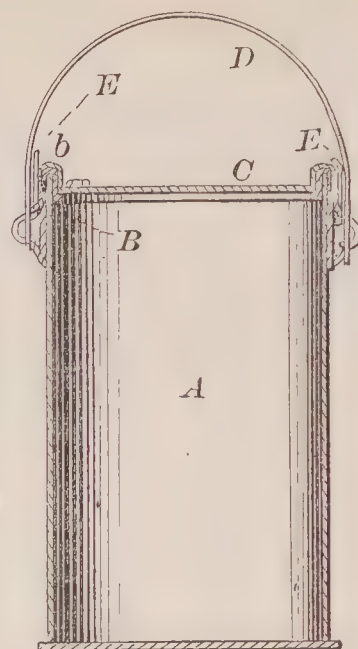
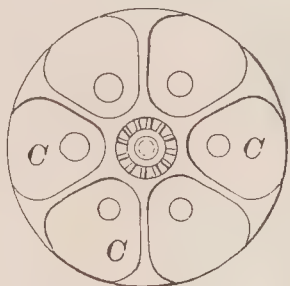
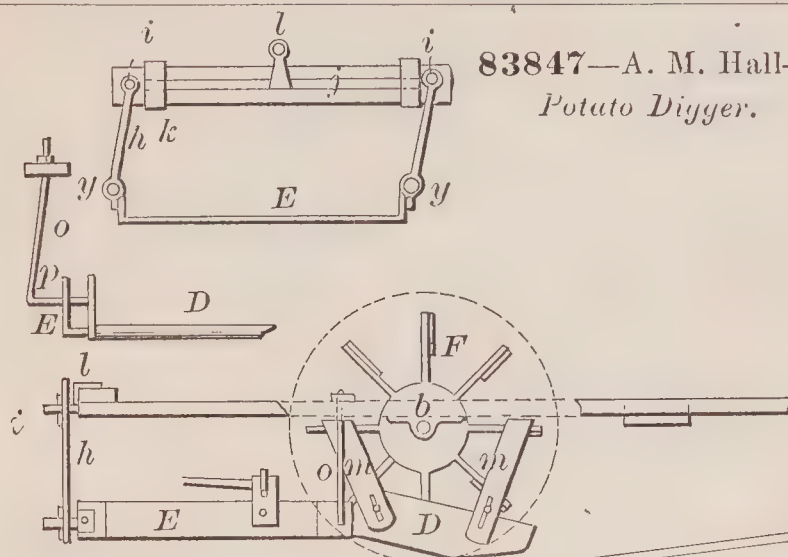
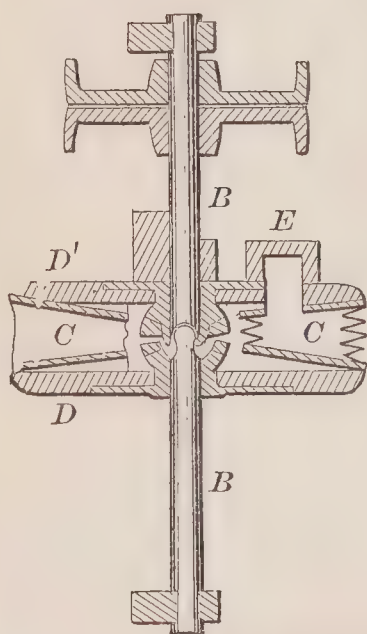
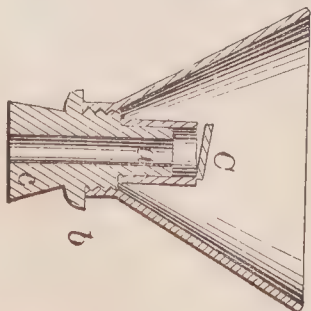
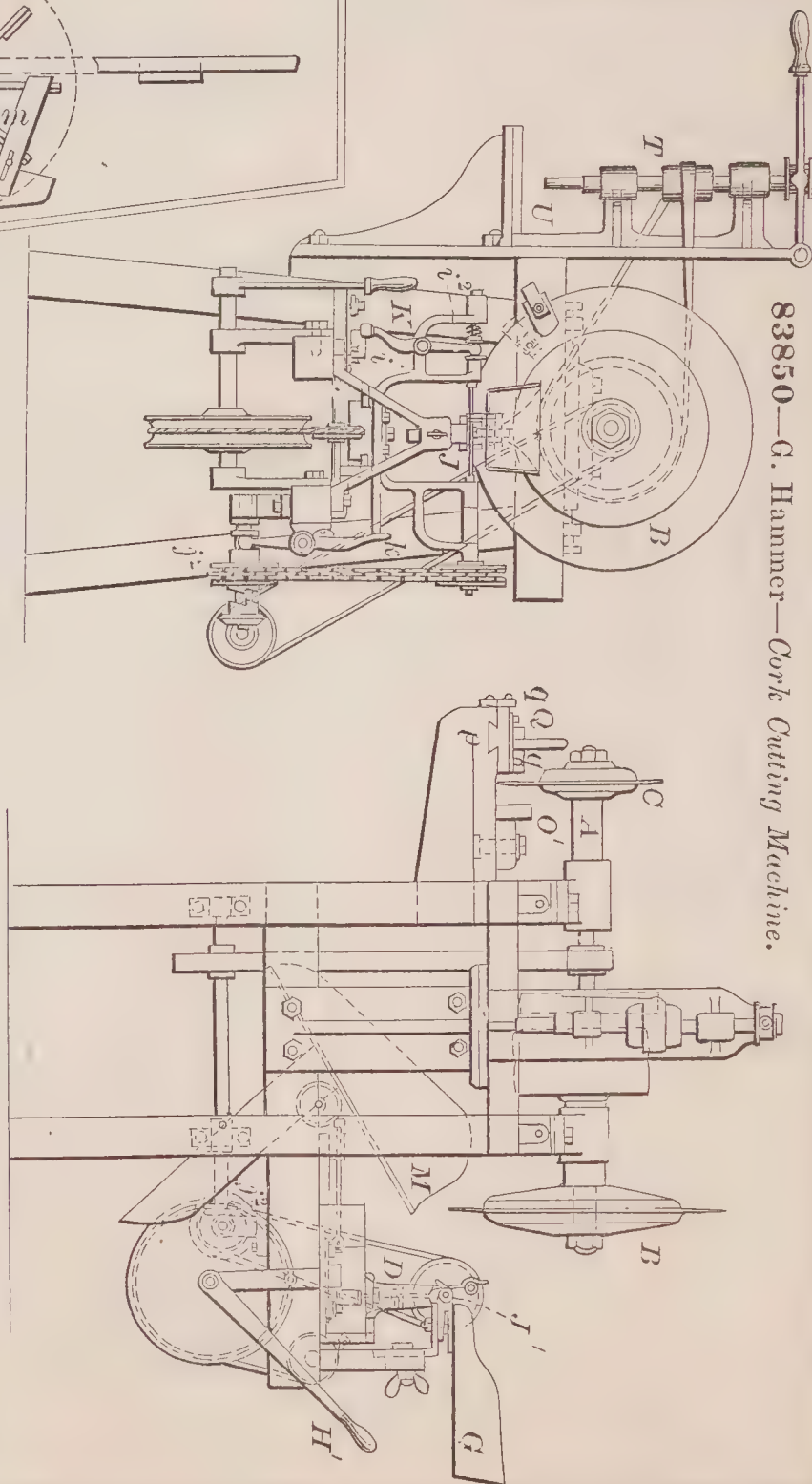
83829—R. I. Burbank—*Vegetable Cutter.*



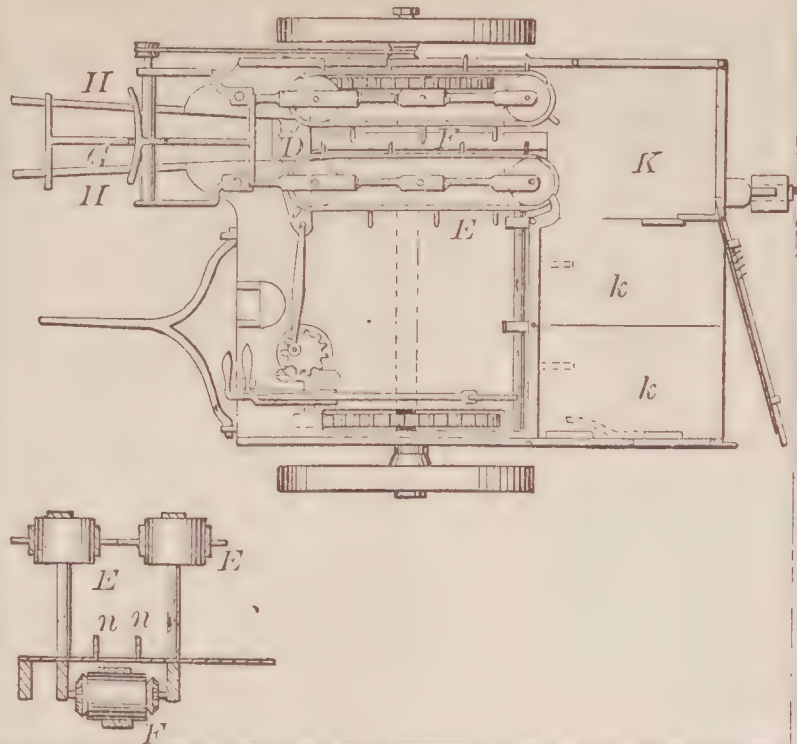
83830—C. R. Bushnell—*Head Block*.83832—D. Codd—*Corn Sheller*.83833—V. P. Corbett—*Potato Digger*.83835—Cramer & Gross—*Posing Apparatus*.83840—Elliott & Lee—*Sheep Rack*.83838—S. Day—*Cultivator*.83834—Cotter & Green—*Safety Switch Lock*.83837—C. B. Davies—*Key Hole Guard*.



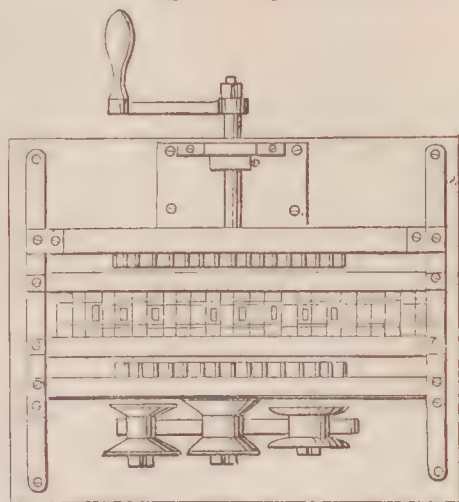


83845—A. J. Gove—*Dredging Machine.*83849—E. B. Hamlin—*Paint Can.*83847—A. M. Hall—*Potato Digger.*83846—W. C. Grimes—*Pressure Blower.*83848—  
J. R. Hamilton—*Valve.*83850—G. Hammer—*Corle Cutting Machine.*

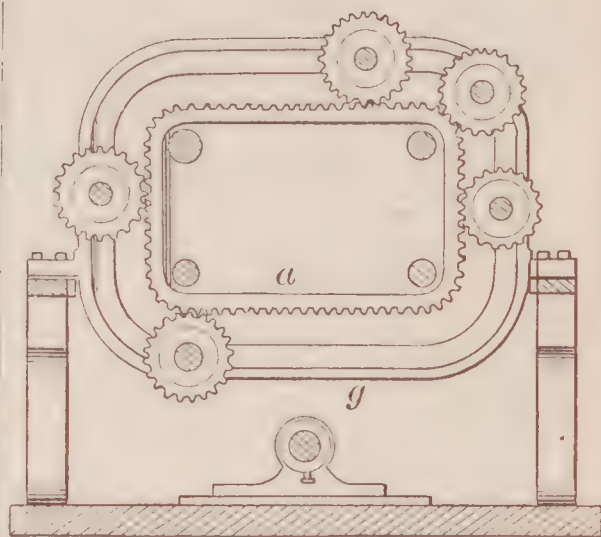
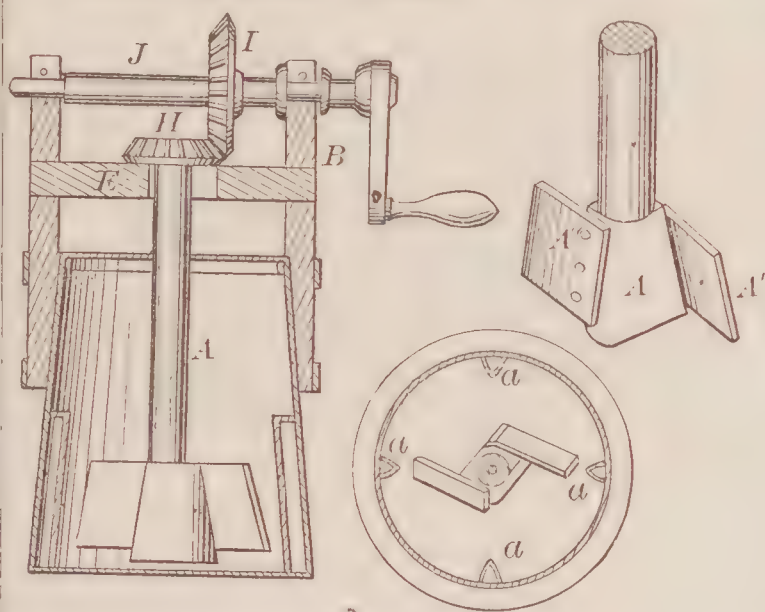
83851—E. K. Harvey—*Corn Harvester.*



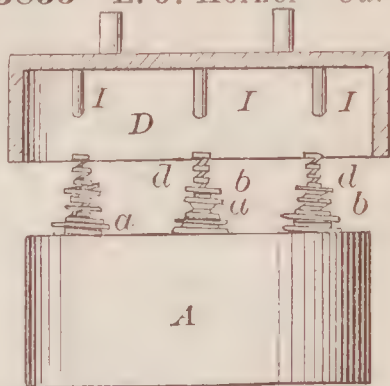
83852—H. Havell—*For Bending Carpet Bag Frames.*



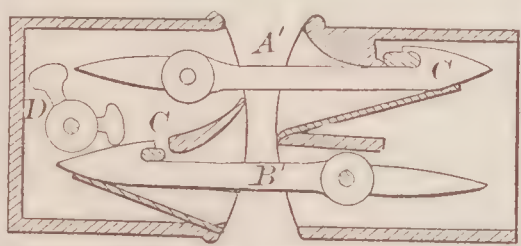
83853—S. Hewit—*Churn.*



83855—E. J. Horner—*Car Spring.*



83857—Jeffery & Snyder—*Car Coupling.*



83856—S. Hunter—*Sawing Machine.*

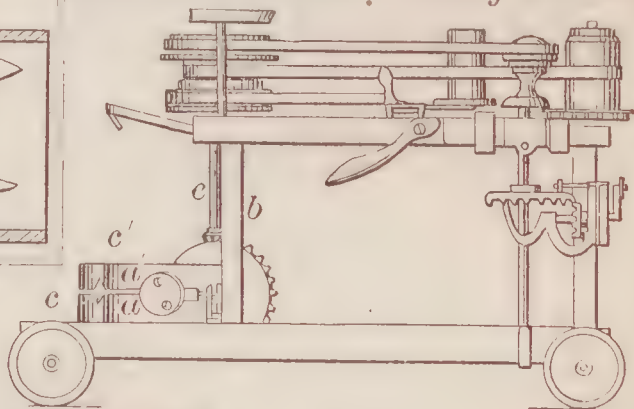
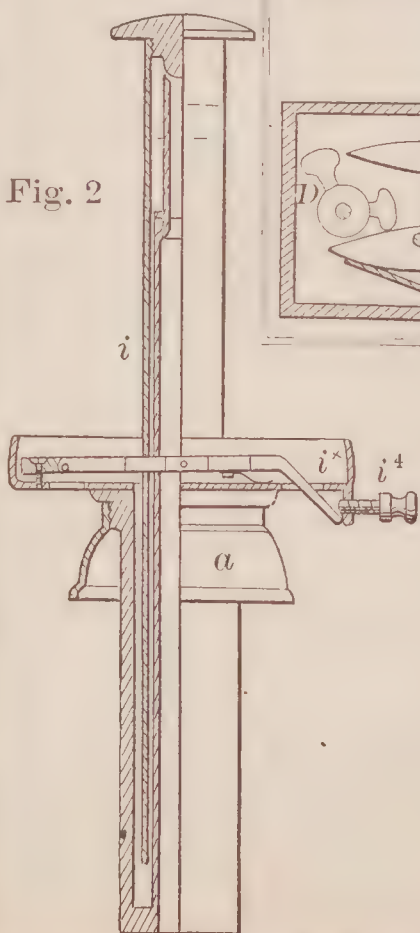
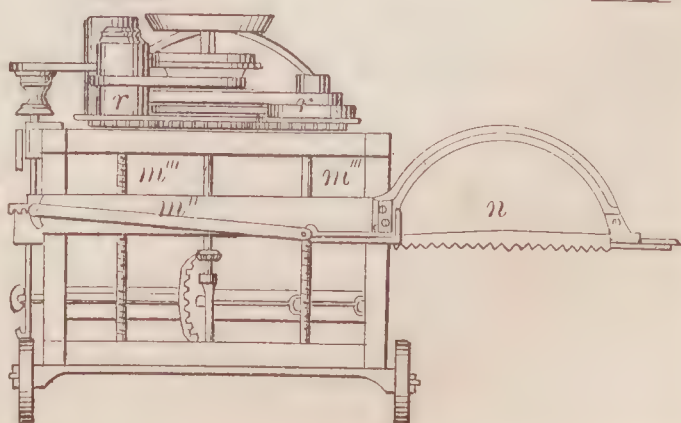


Fig. 2

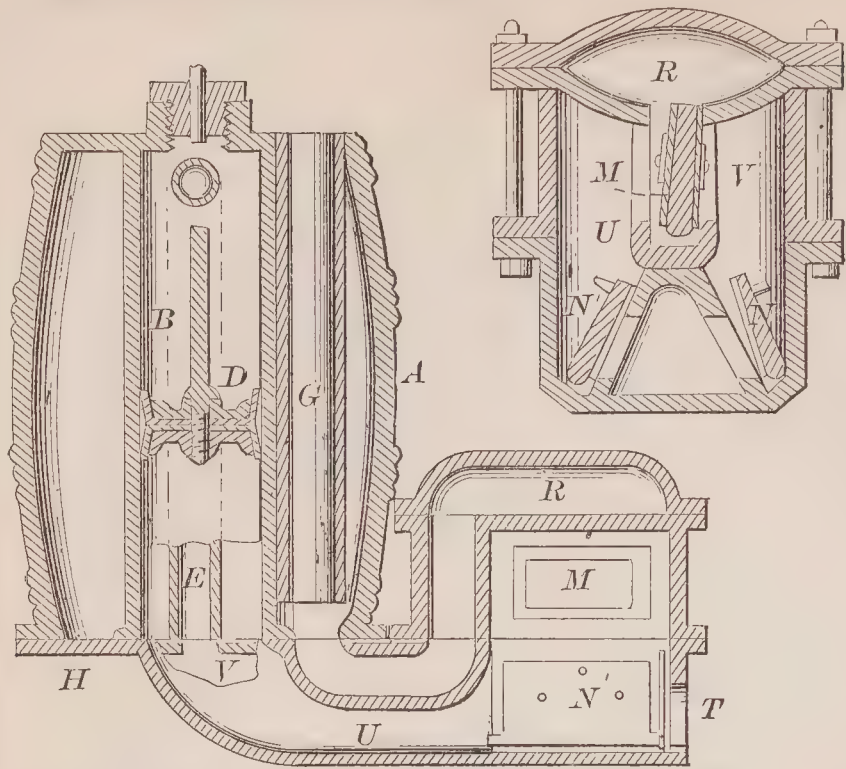


83854—S. Holmes—*Vapor Burner.*

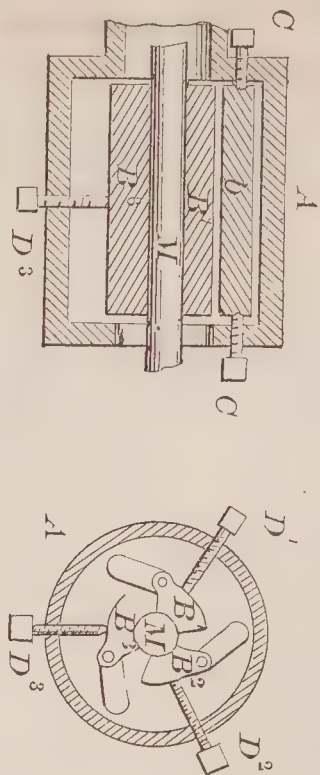




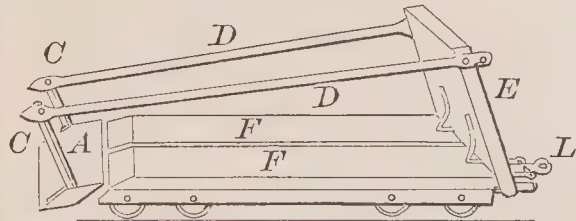
83858—J. O. Joyce—*Pump.*



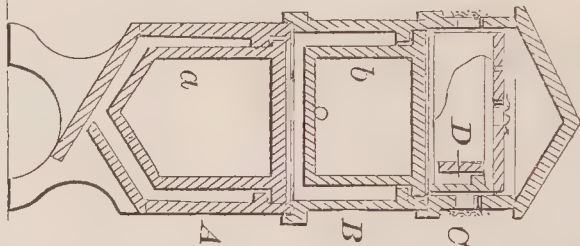
83859—B. D. & H. E. Kay—*Box for Arbors.*



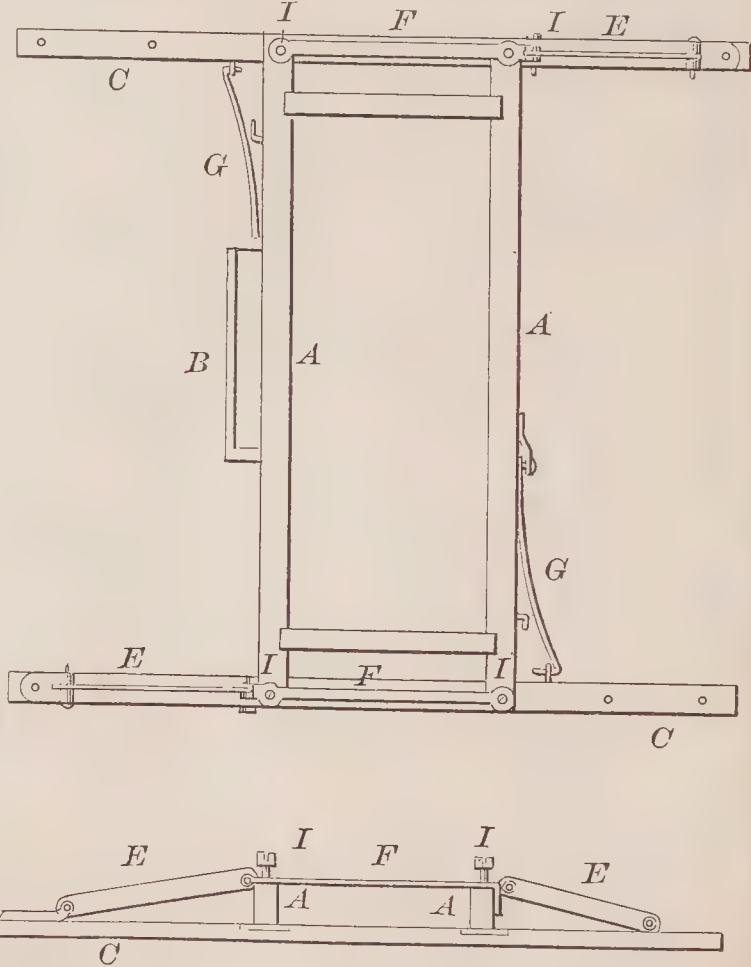
83860—R. A. & T. Kendall—*Railway Track Cleaner.*



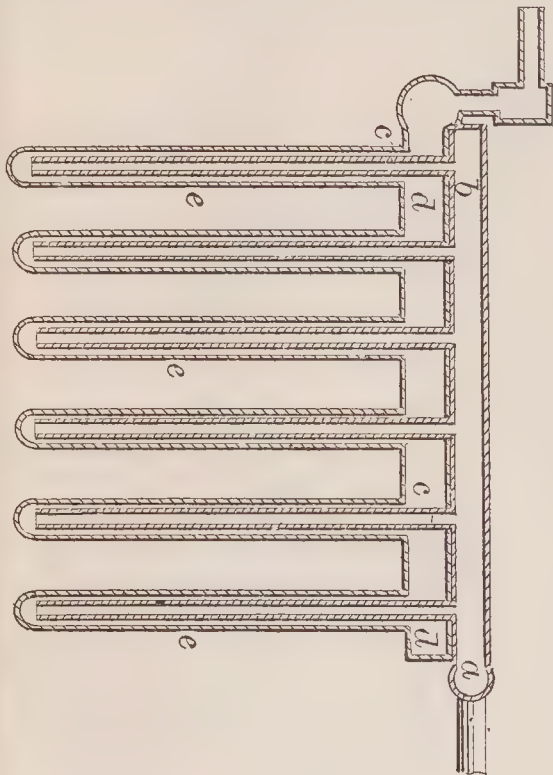
83861—I. King—*Beehive.*



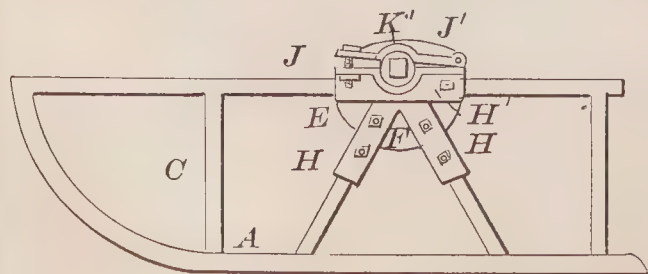
83862—R. Knott—*Horse Power Fastener.*



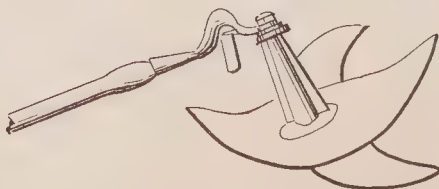
83863—W. H. Lanbach—*Steam Generator.*



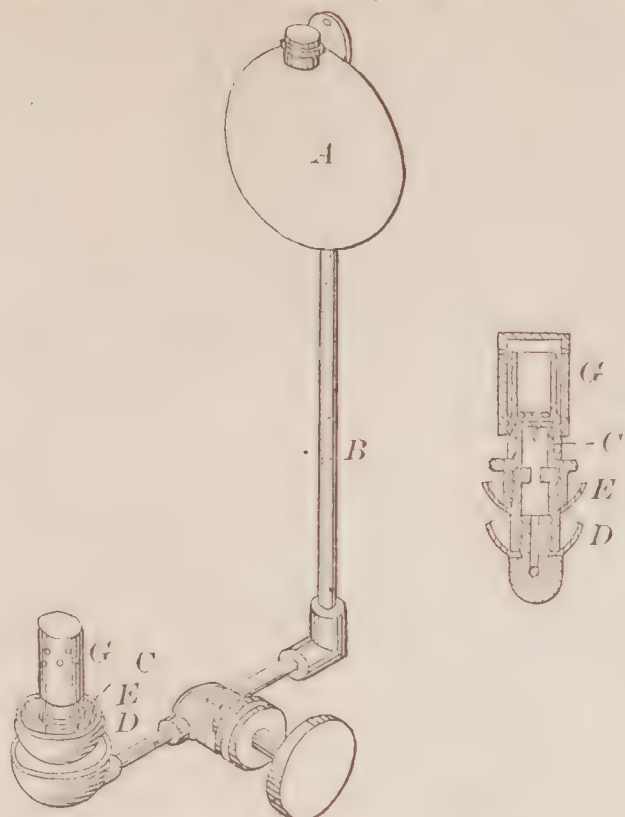
83864—J. Laux—*Sleigh Runner.*



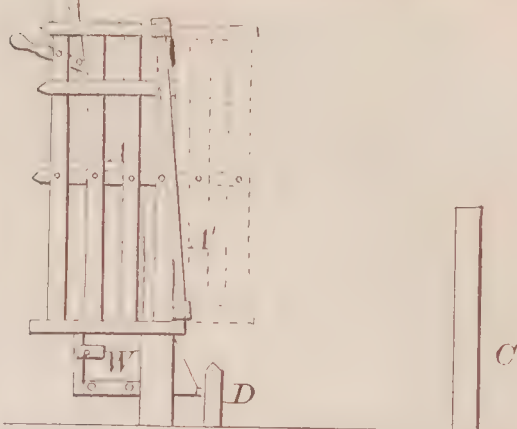
83866—A. E. Lyman—*Hoe.*



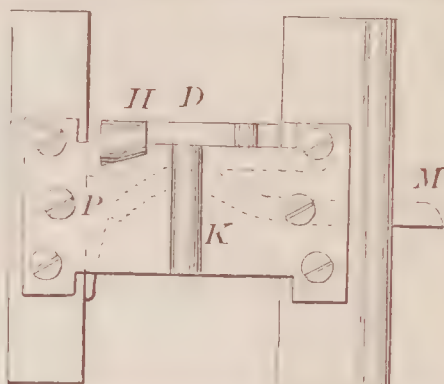
83865—D. H. Lowe—Vapor Burner.



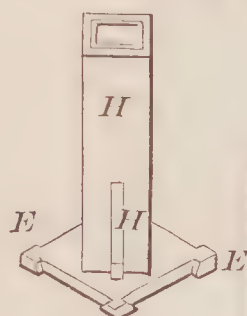
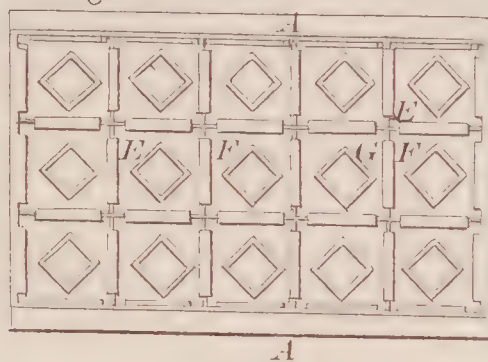
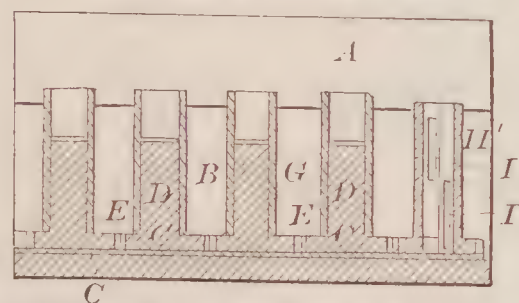
83867—P. McCollum—Gate.



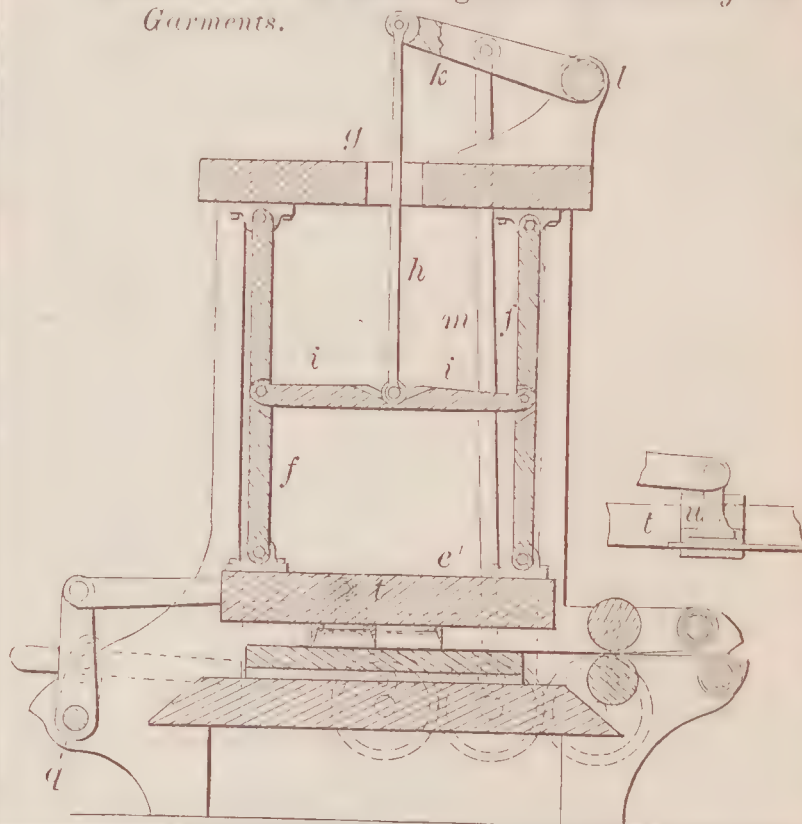
83869—McKee & Jordan—Hinge.



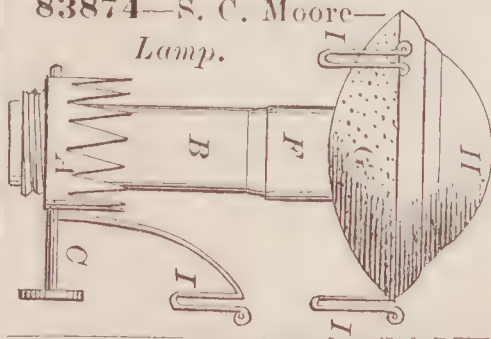
83868—J. T. McDougall—For Collecting Precious Metals.



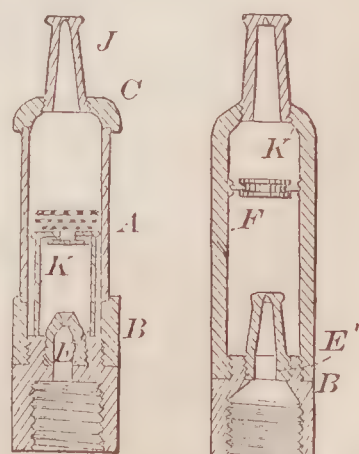
83870—W. A. McLaughlin—For Cutting out Garments.



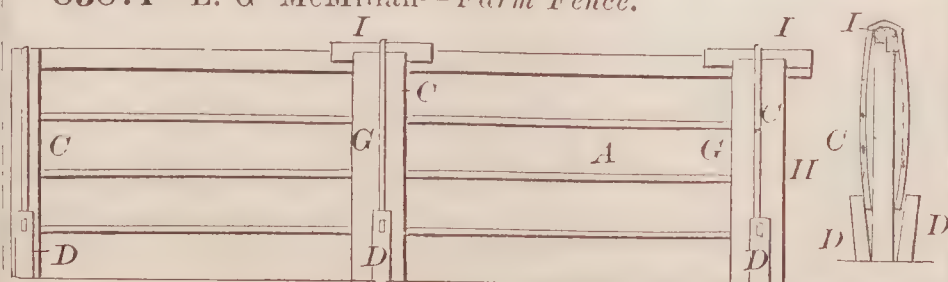
83874—S. C. Moore—Lamp.



83876—H. B. Myer—Gas Burner.

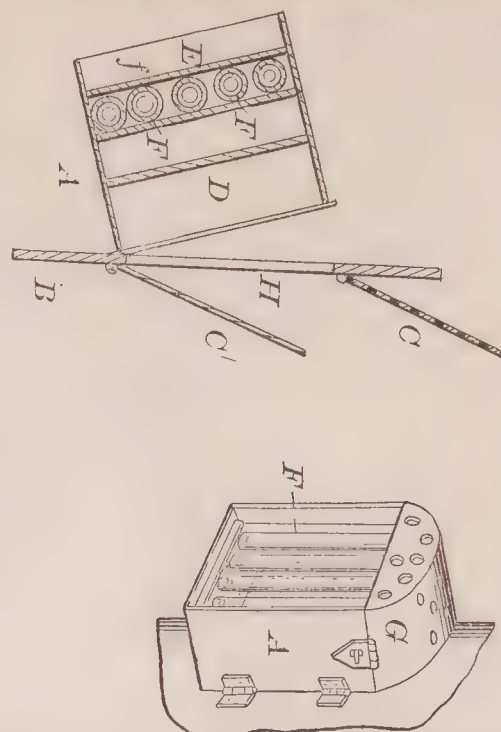


83871—E. G. McMillan—Farm Fence.

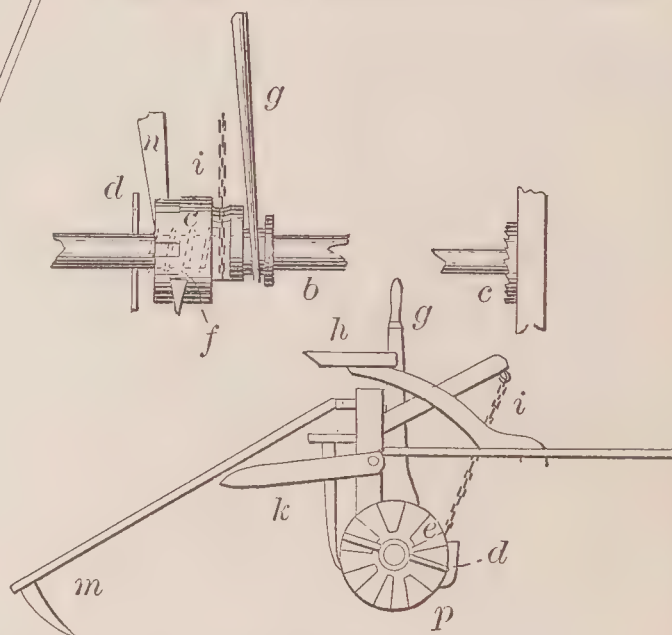




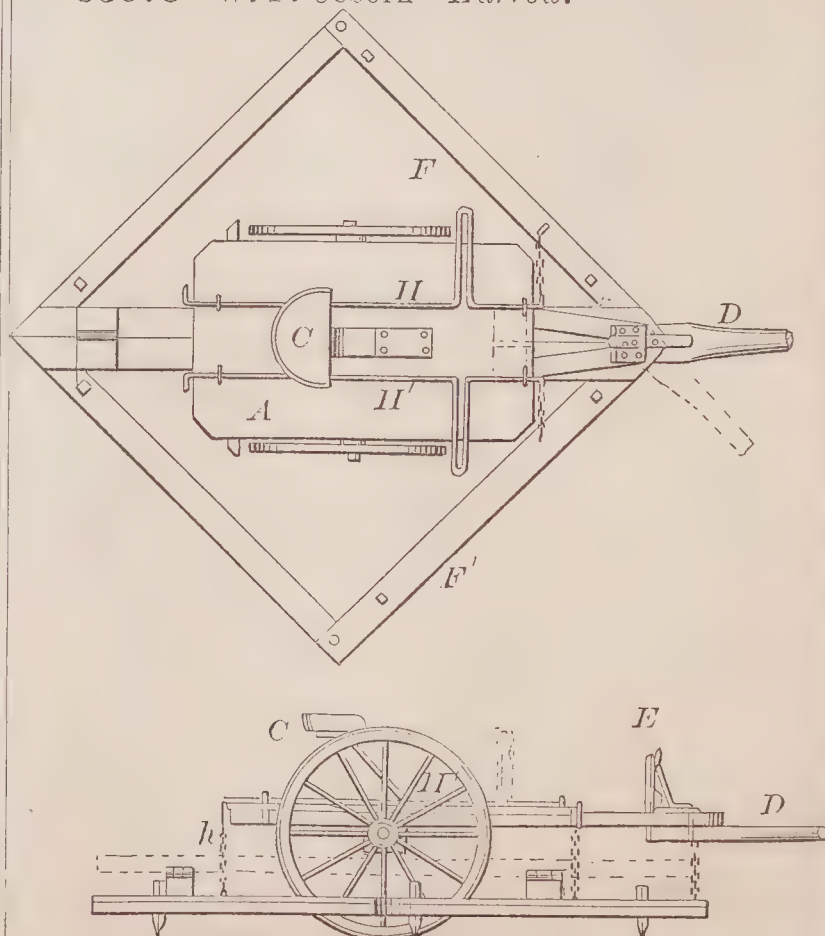
83877—B. Nott—Illuminator for Stoves.



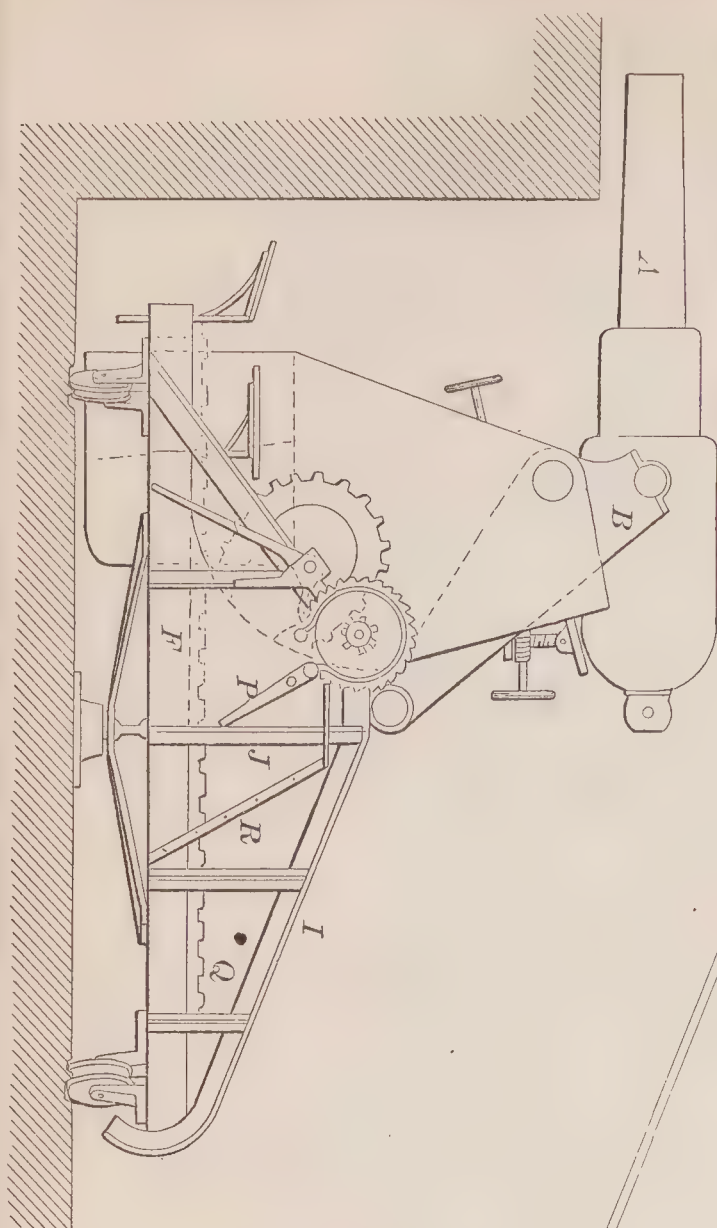
83875—L. H. Morrill—Horse Rake.



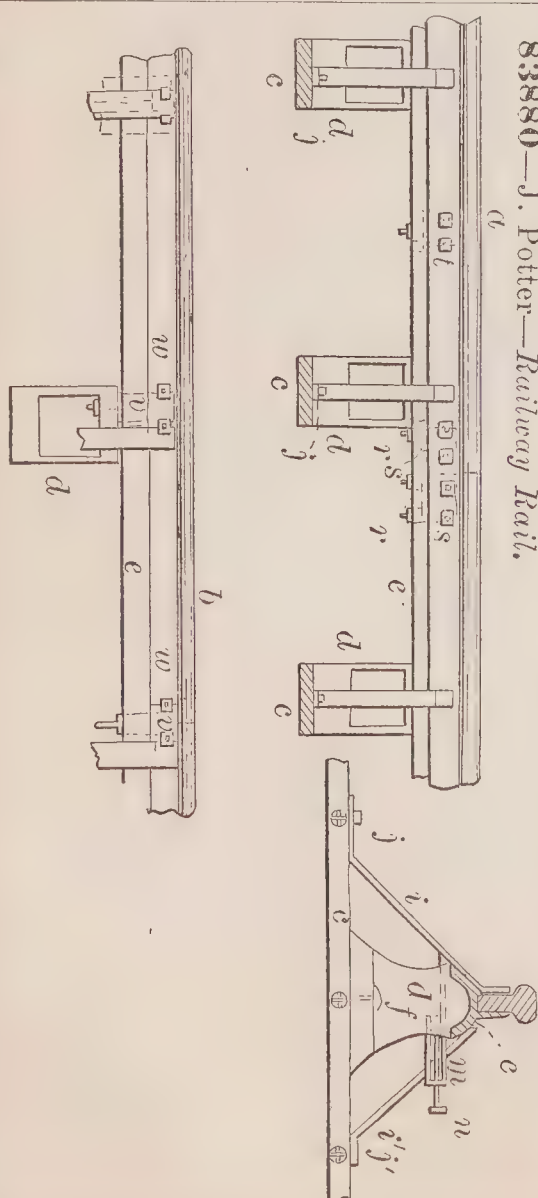
83878—W. F. Osborn—Harrow.



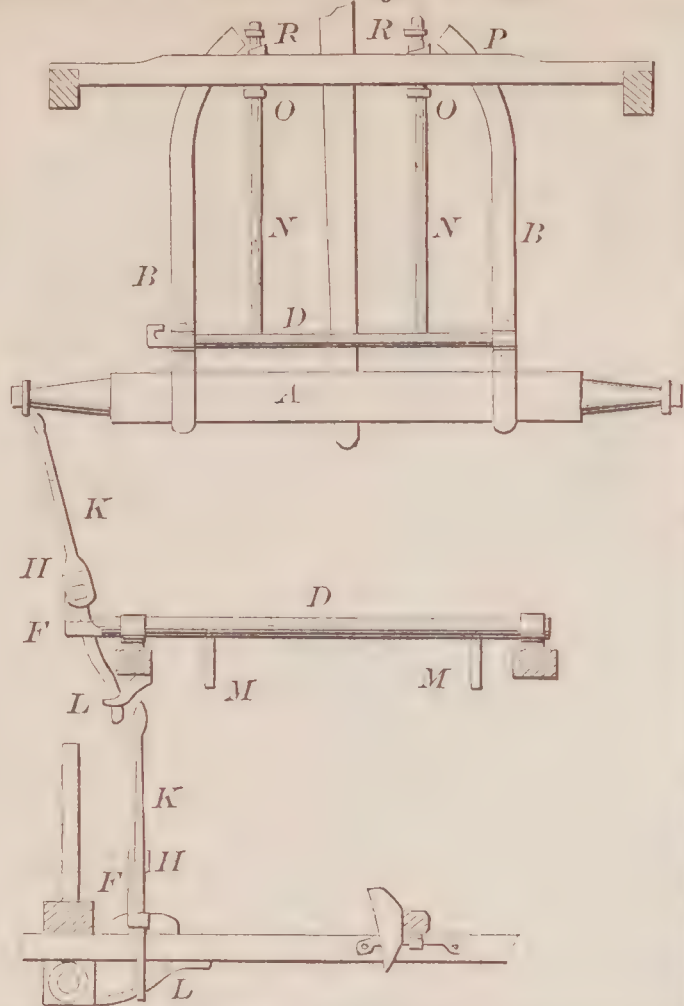
83873—A. Moncrieff—Gun Carriage.



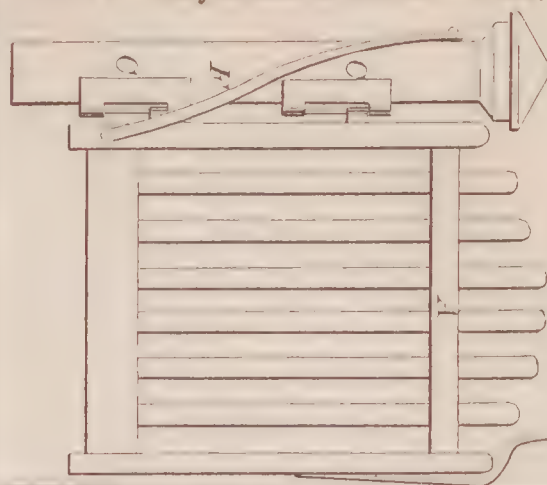
83880—J. Potter—Railway Rail.



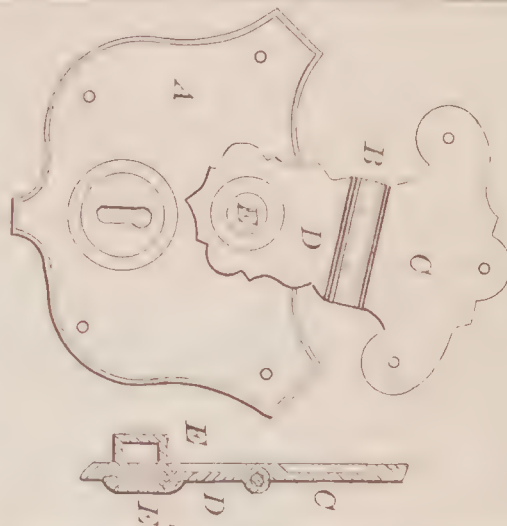
83879—J. J. Pierce—*Wagon Brake.*



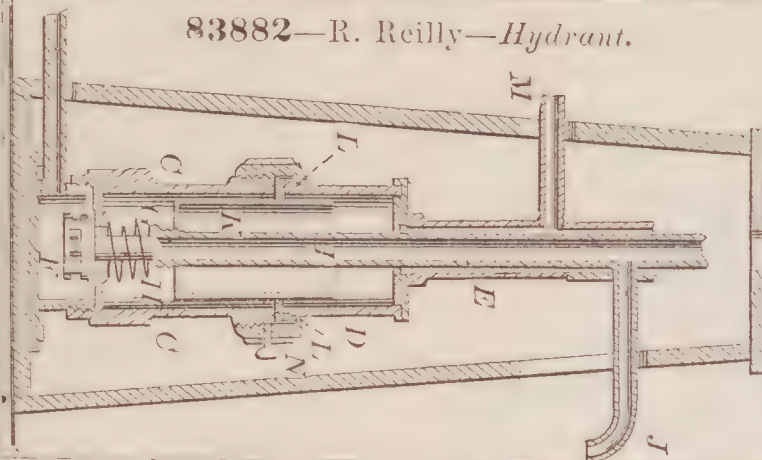
83881—Raymond & Miller—*Gate.*



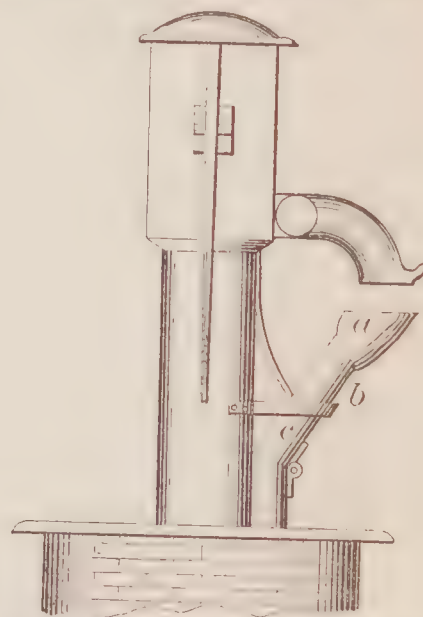
83883—N. P. Ryder—*Hasp.*



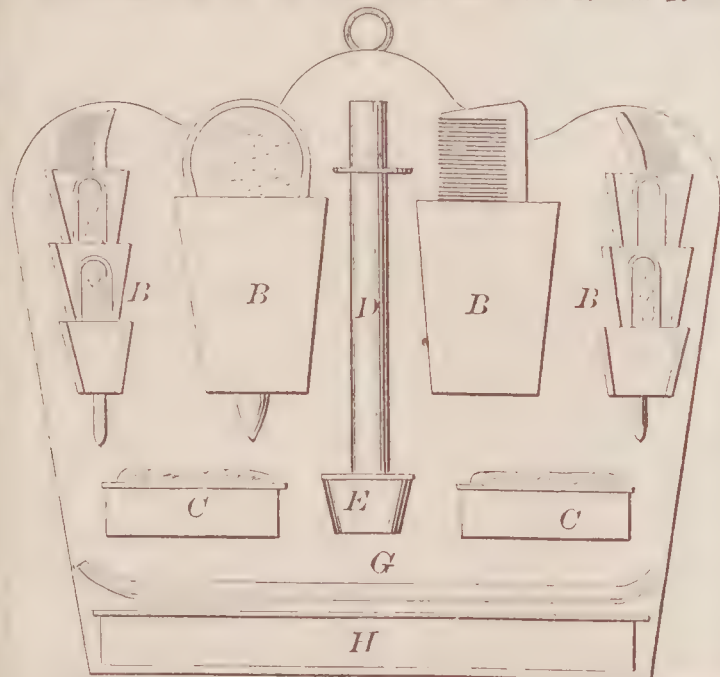
83882—R. Reilly—*Hydrant.*



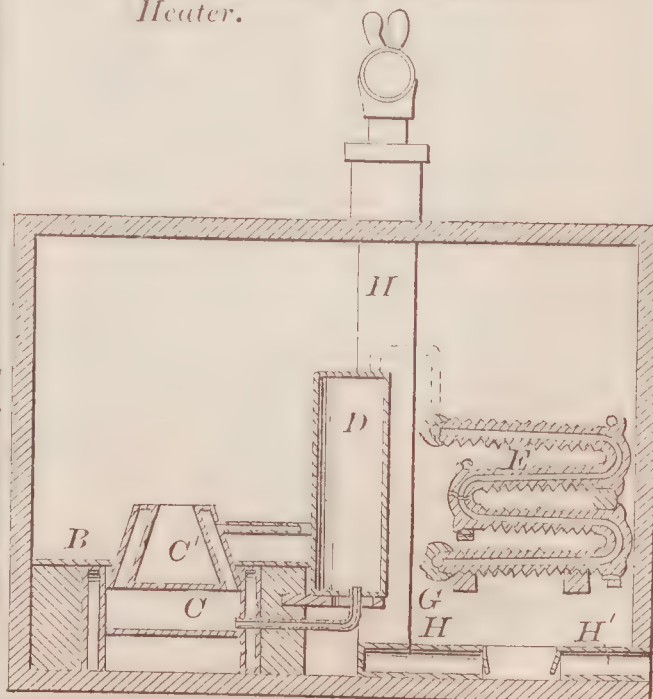
83887—J. B. Stevenson—*Pump.*



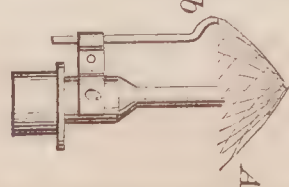
83884—M. A. H. Saurman—*Bath Room Rack.*



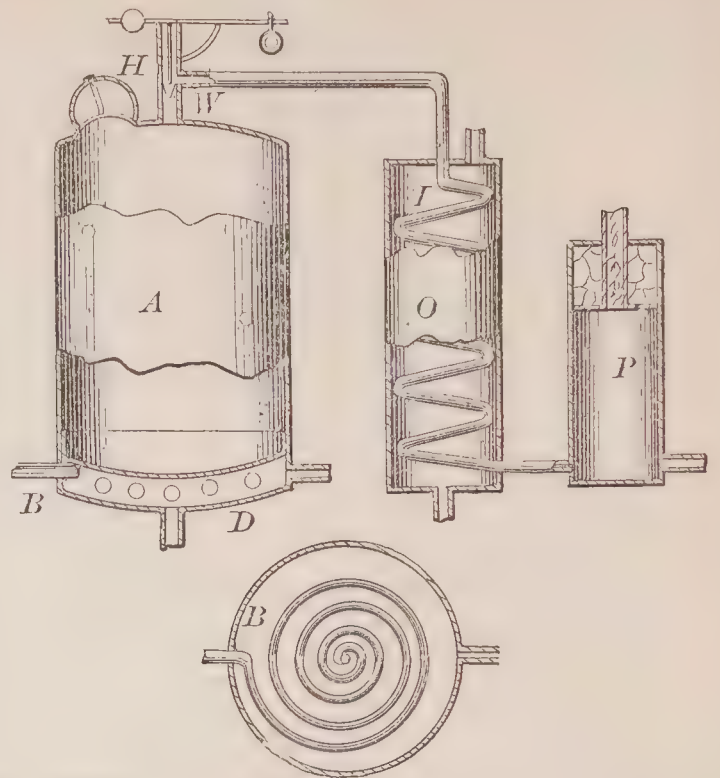
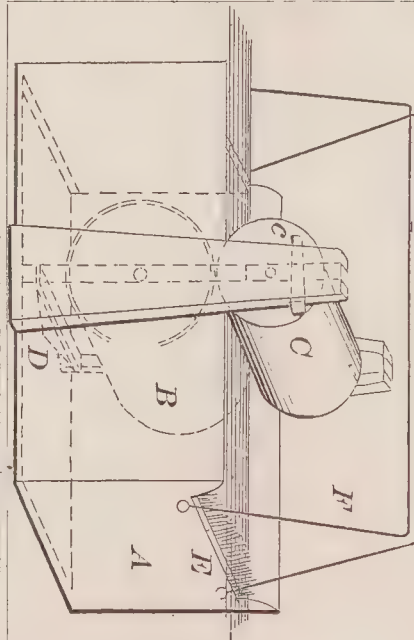
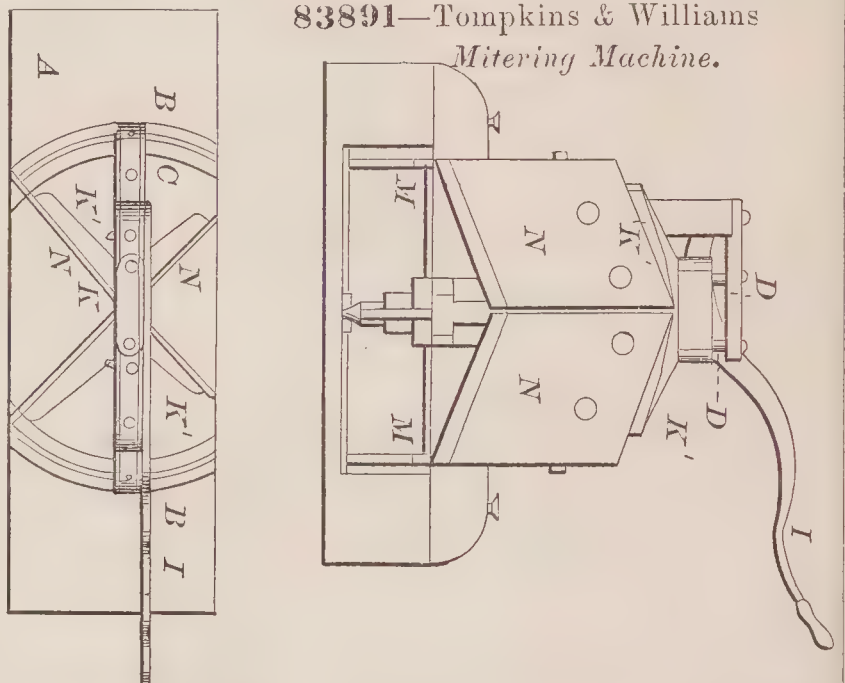
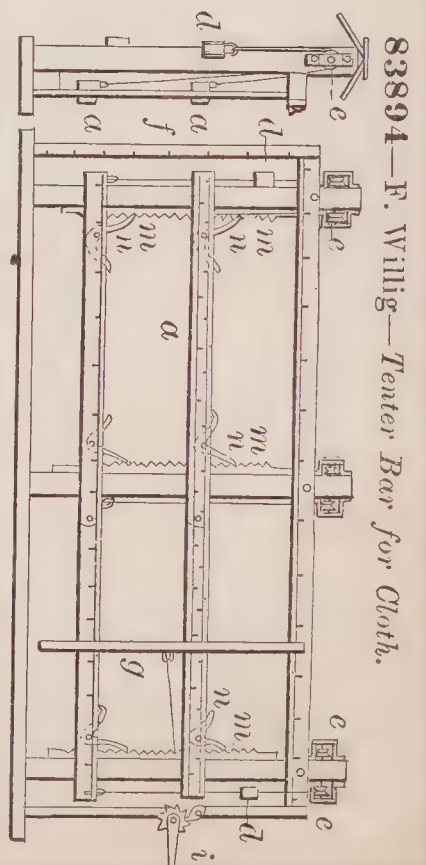
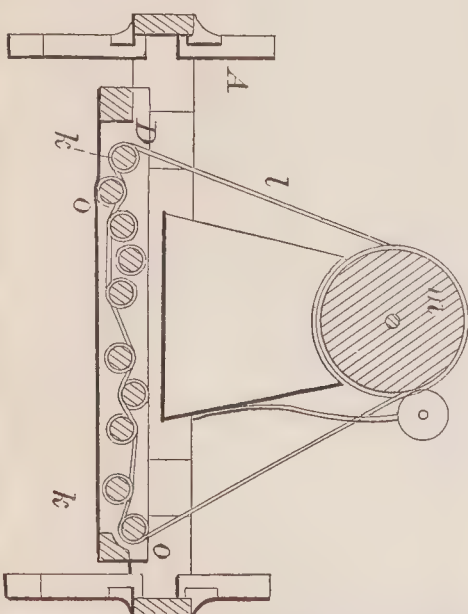
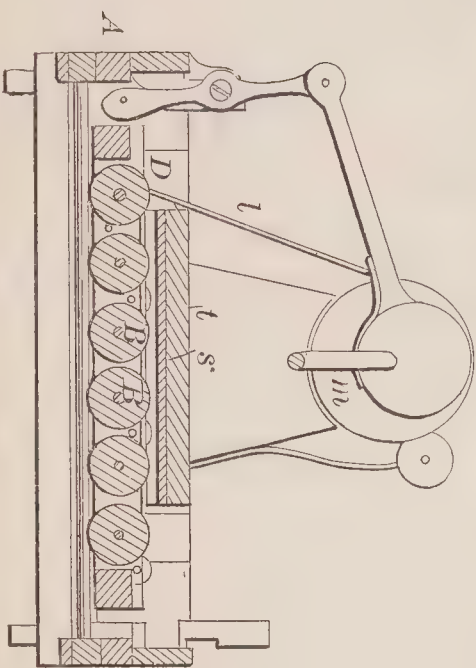
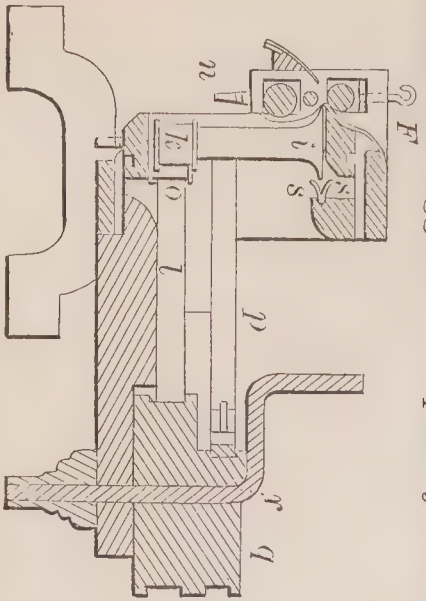
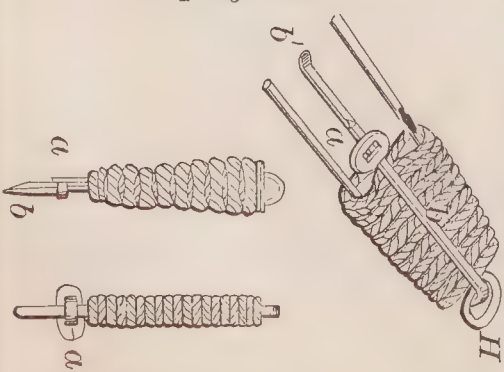
83885—Schultz & Wilson—*Steam Heater.*



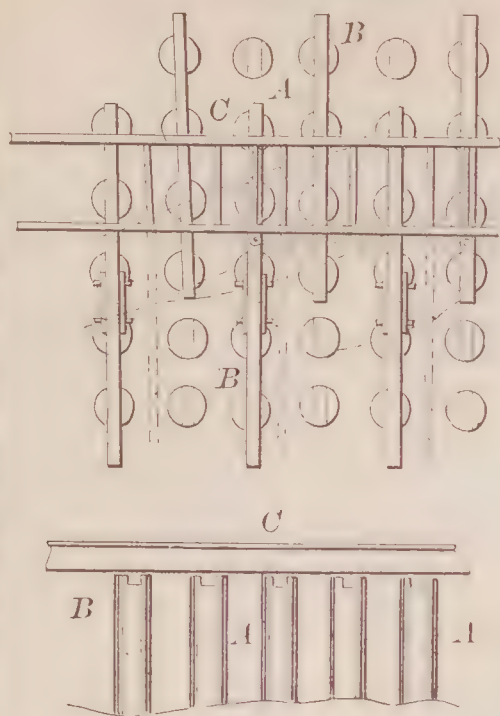
83886—F. Shaller—*Gas Burner Attachment.*



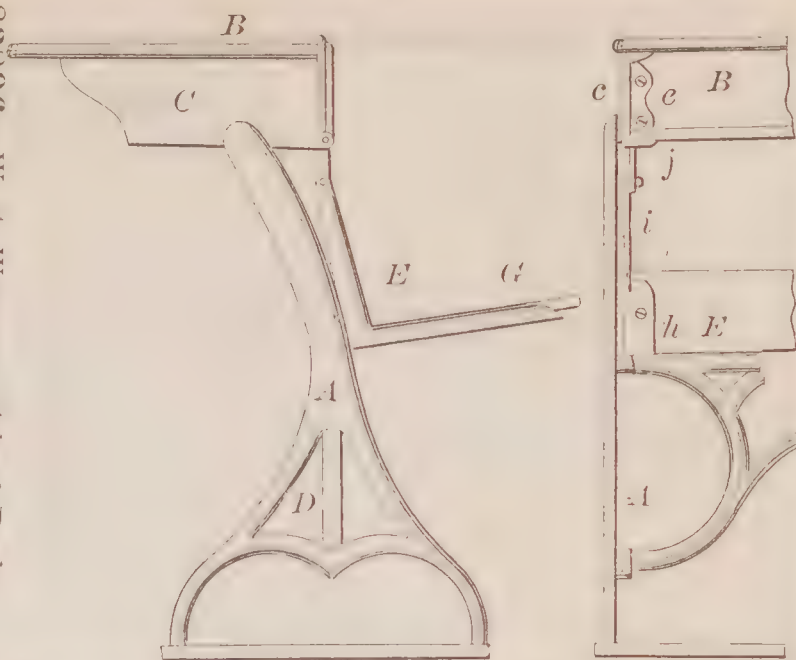


83889—O. H. Taylor—*For Roasting Coffee.*83891—Tompkins & Williams  
*Mitering Machine.*83890—Thomson &  
Girvin—*For Sizing Yarn.*83894—F. Willig—*Tenter Bar for Cloth.*83888—J. Taggart—*For Splitting Leather.*83892—C. A. & A. C. Tyler—  
*Crimping Pin.*

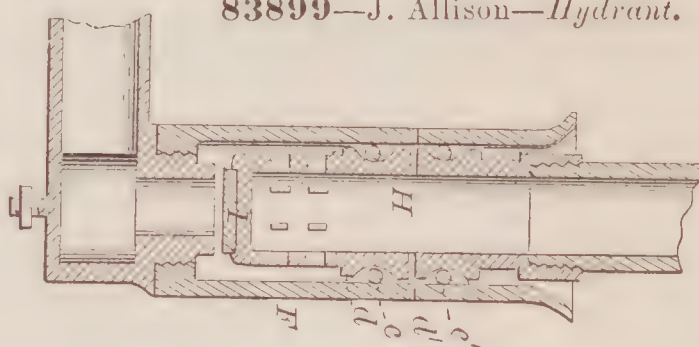
83895—Wood & Chapman—  
*For Filling Marshes.*



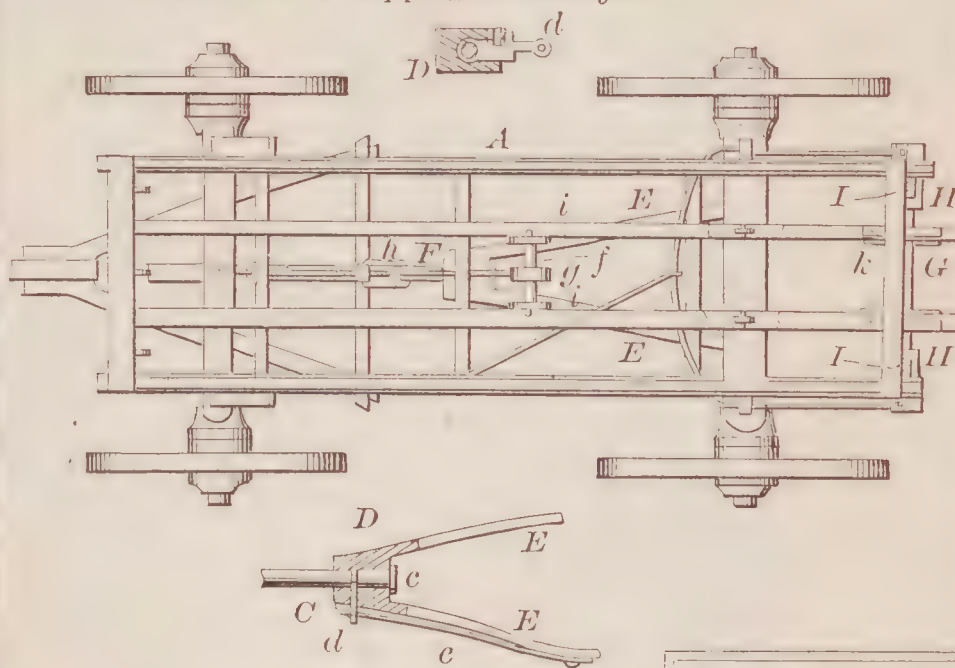
83896—W. S. Wootton—*School Desk.*



83899—J. Allison—*Hydrant.*



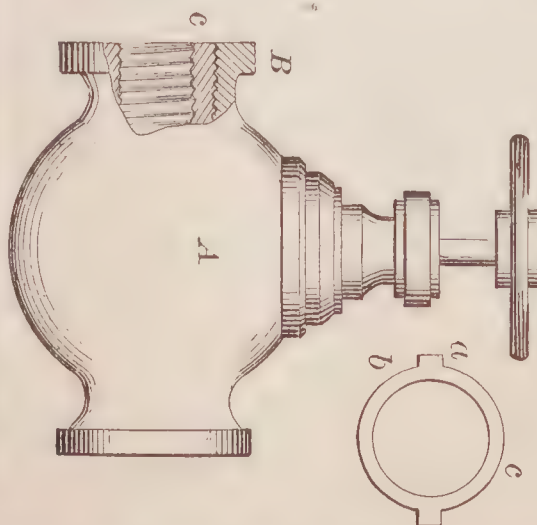
83900—J. F. Applegate—*Wagon.*



83898—T. W. Akin—  
*Milk Can.*



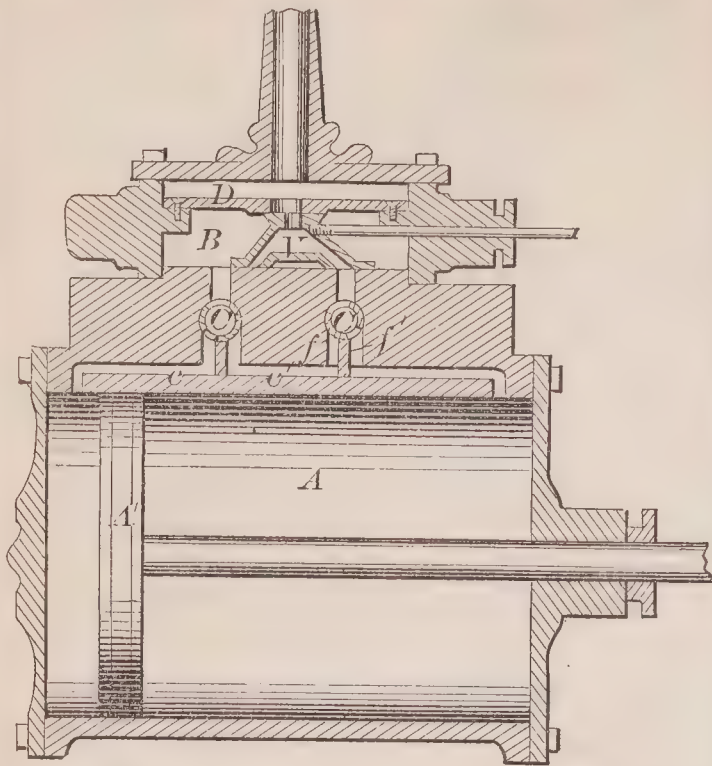
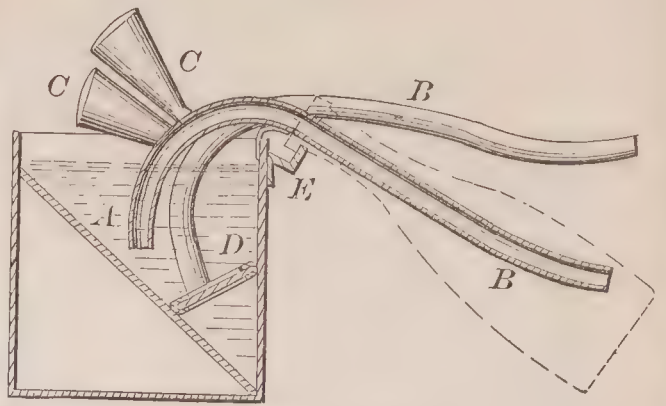
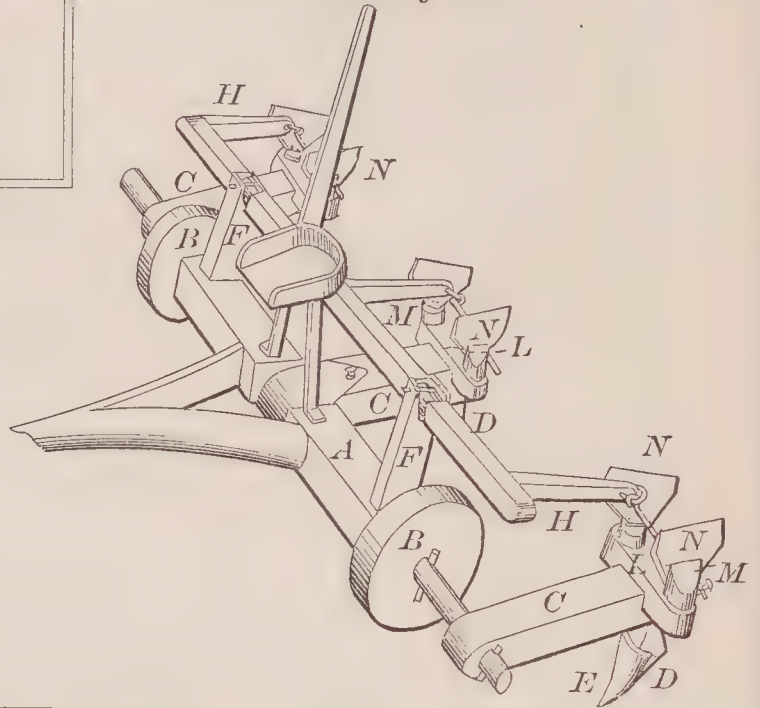
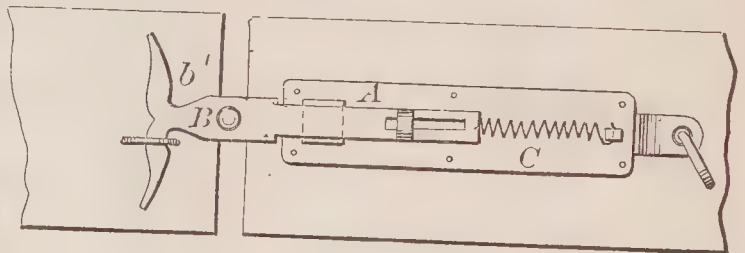
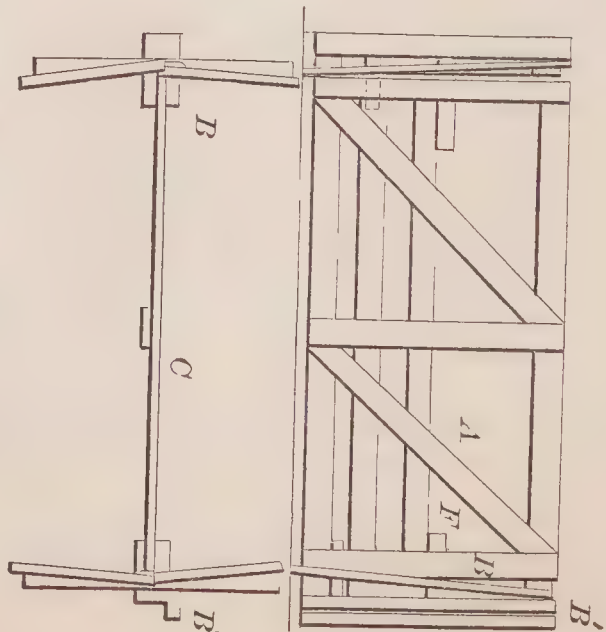
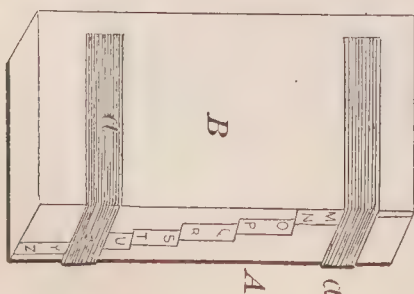
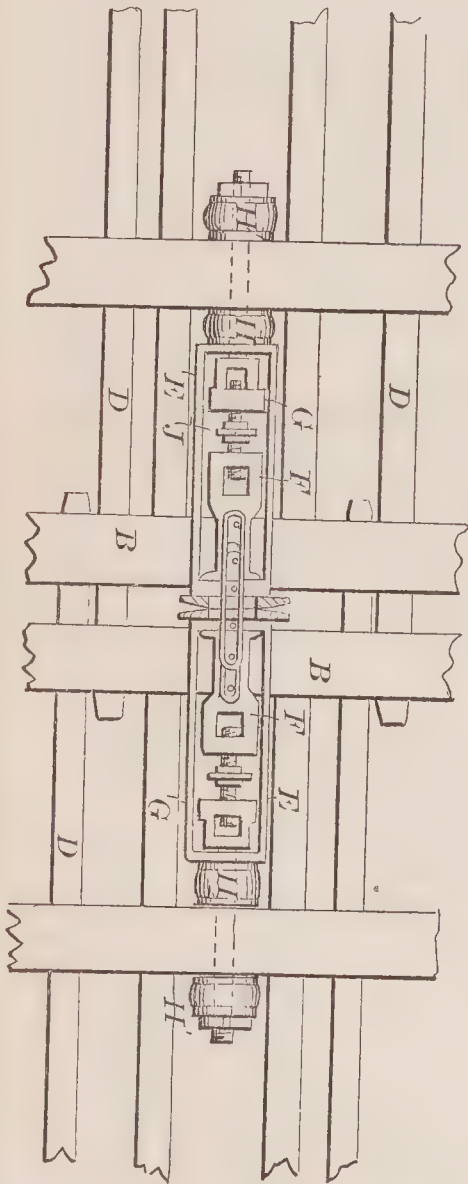
83902—E. H. Ashcroft—*Globe Valve.*



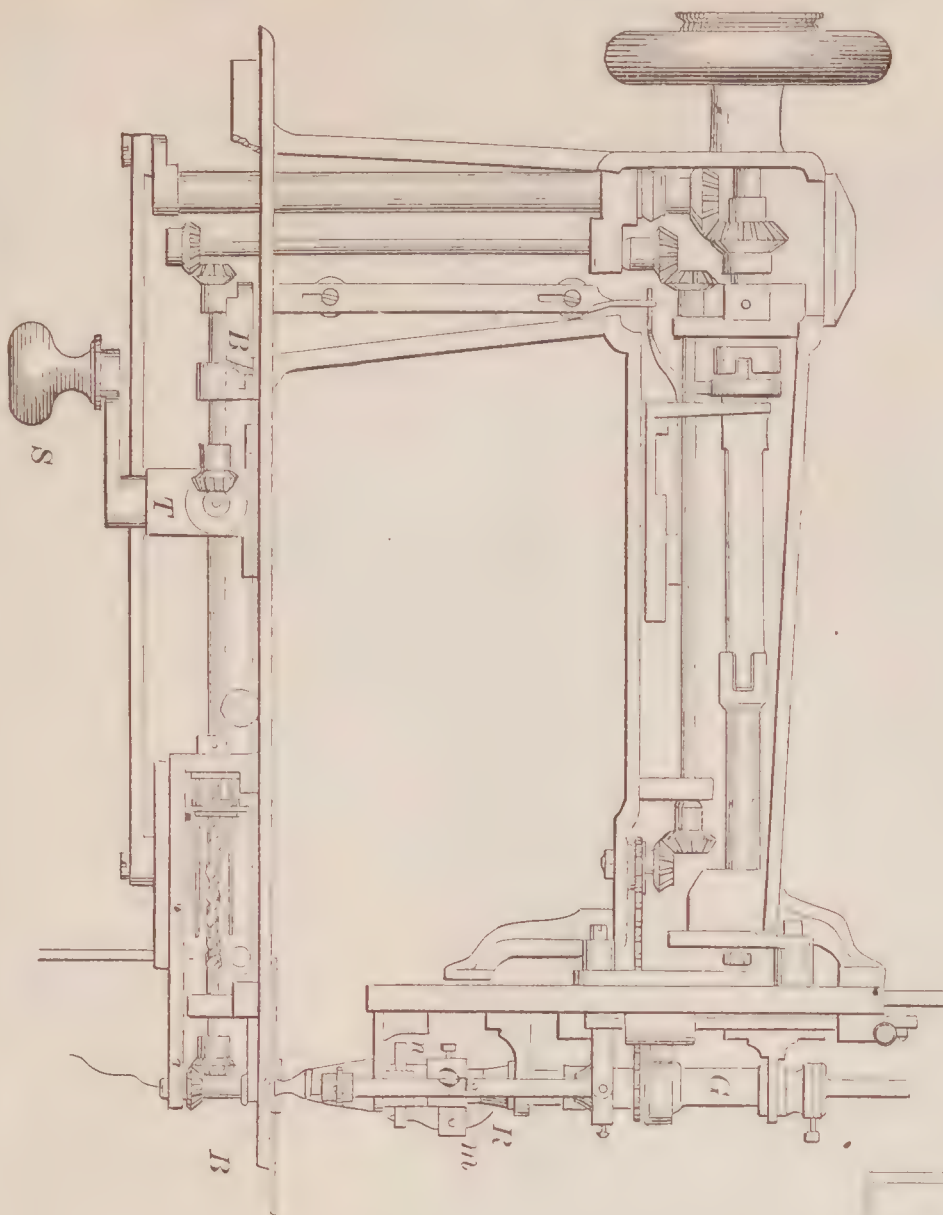
83901—J. S. Armstrong—*Drive Well.*



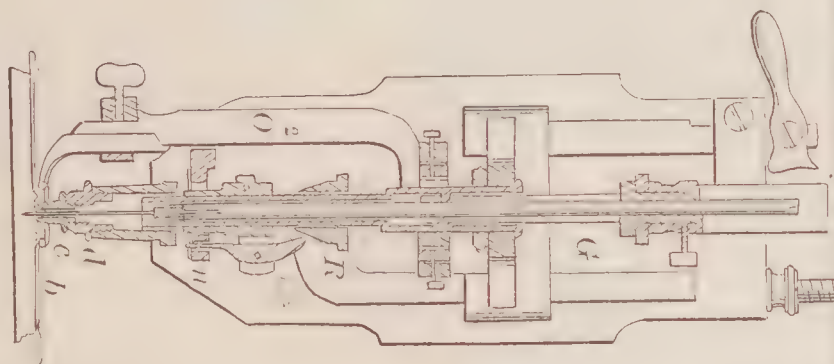
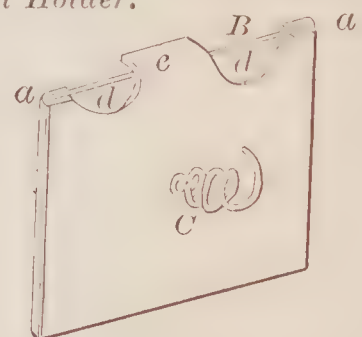


83903—L. Atwood—*Steam Engine Valve.*83904—G. B. Bachmann—*Bottle Filling Apparatus.*83905—E. Barto—*For Marking and Covering Corn.*83906—Bisbee & Hearn—*Self-Adjusting Hook.*83911—L. W. Bosart—*Fence.*83908—C. W. Bond—*Bill File.*83907—T. B. Blackstone—*Car Coupling.*

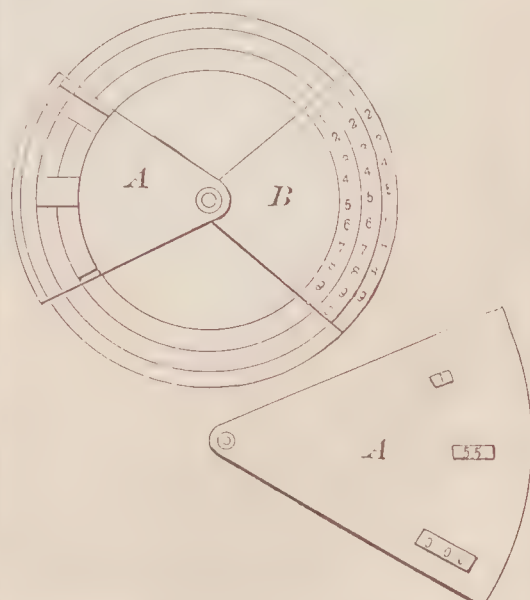
83909—A. Bonnaz—*Sewing Machine for Embroidering.*



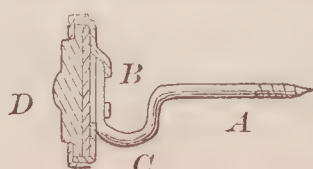
83915—Bramble & Nirdlinger—*Ticket Holder.*



83912—J. H. Bradford—*Stencil Plate.*

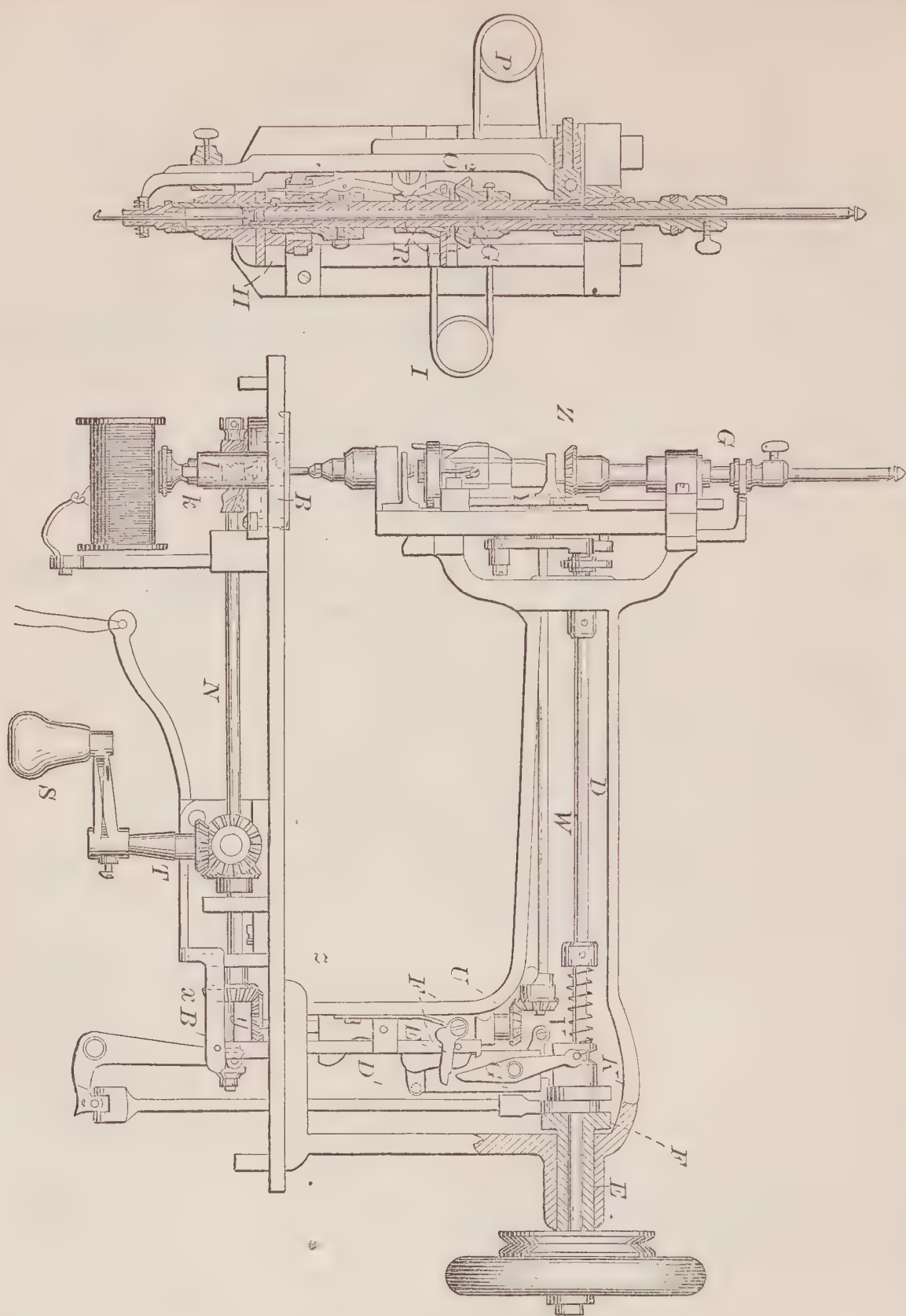


83913—B. H. Bradley—*Picture Nail.*

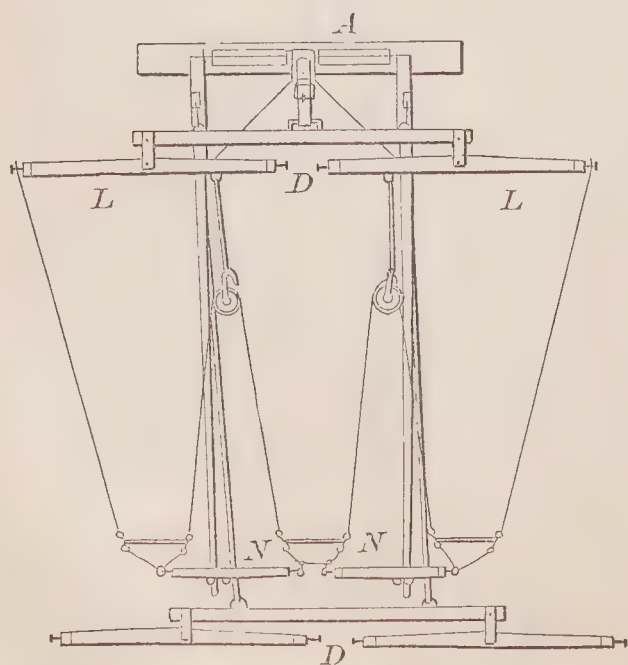




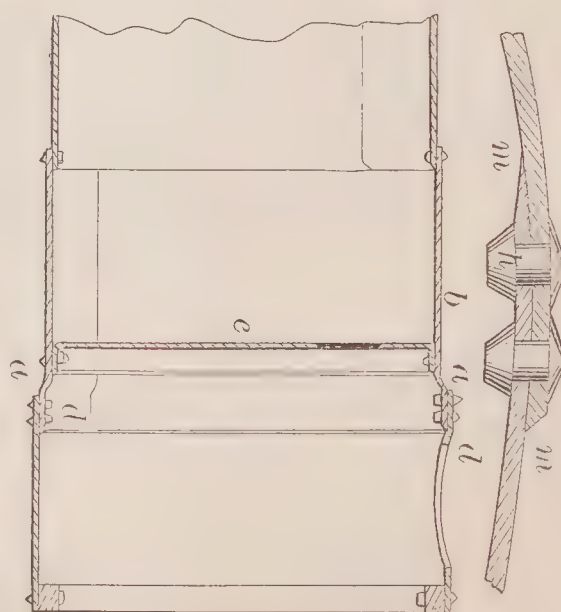
83910—A. Bonnaz—Sewing Machine for Embroidering.



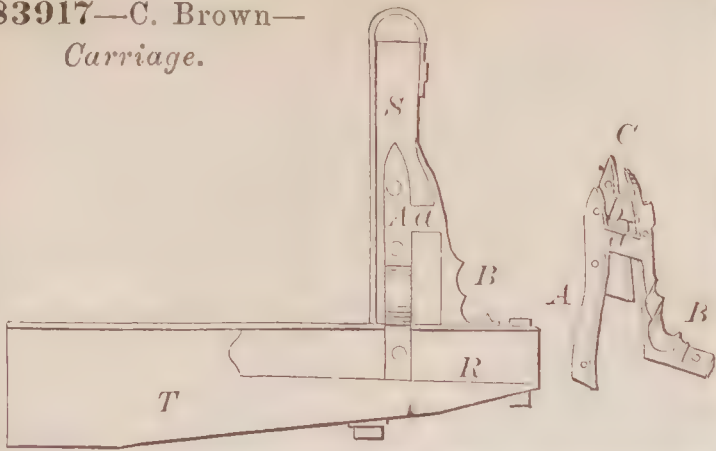
83914—C. C. Bradley—Draught Equalizer.



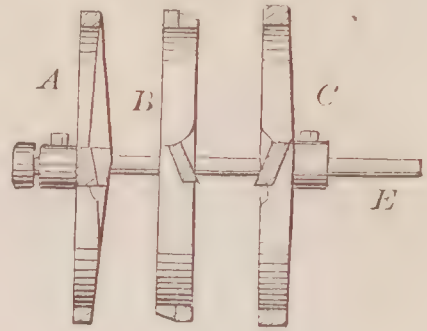
83916—H. G. Brooks—Steam Generator.



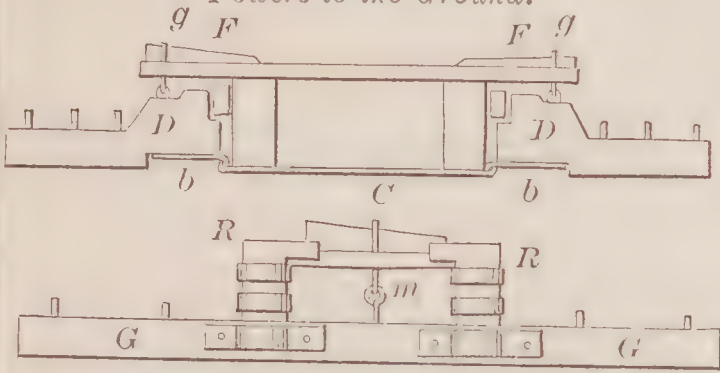
83917—C. Brown—  
Carriage.



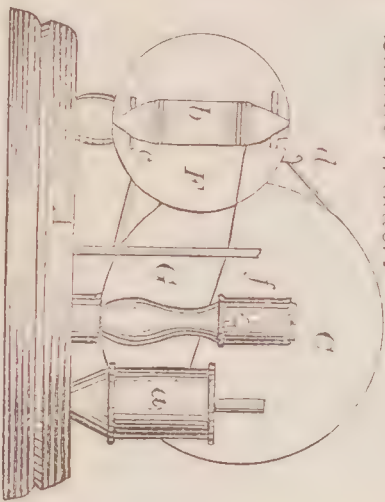
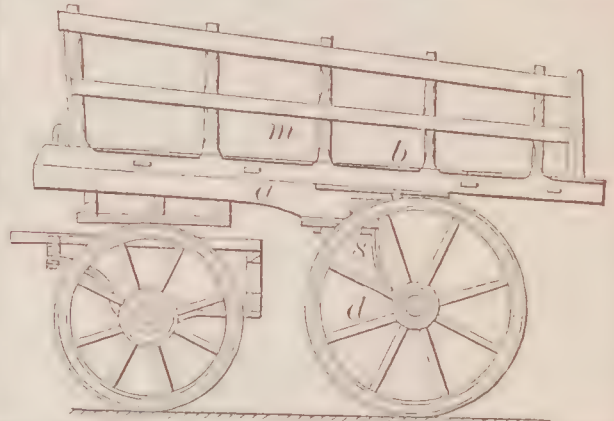
83918—C. D. Brown—For Dressing  
Hop Poles.



83919—W. Buchanan, Jr.—Fastening Horse  
Powers to the Ground.

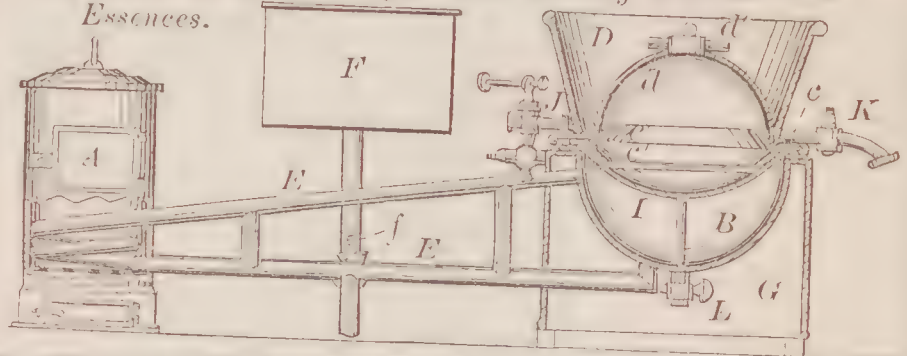


83920—Bullock & Hanigan—Wagon.

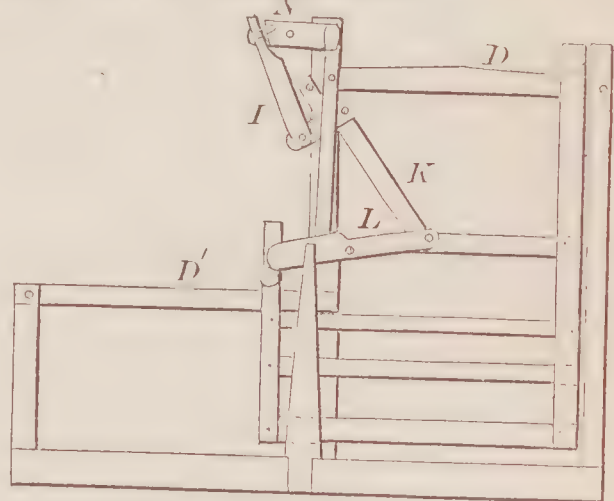


83921—E. S. Burns—Tutting  
Shuttle Winder.

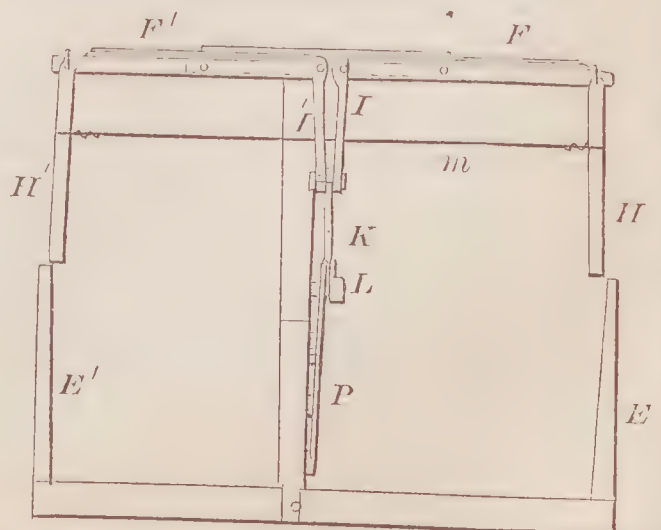
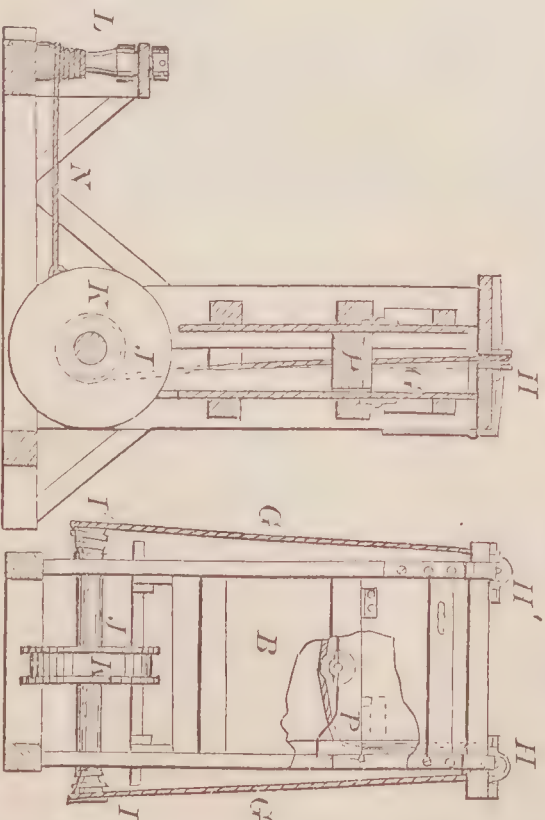
83922—E. E. Burrough—For Making Extracts and  
Essences.



83923—W. W. Burson—Gate.



83926—S. Q. Carey—Hay and Cotton Press





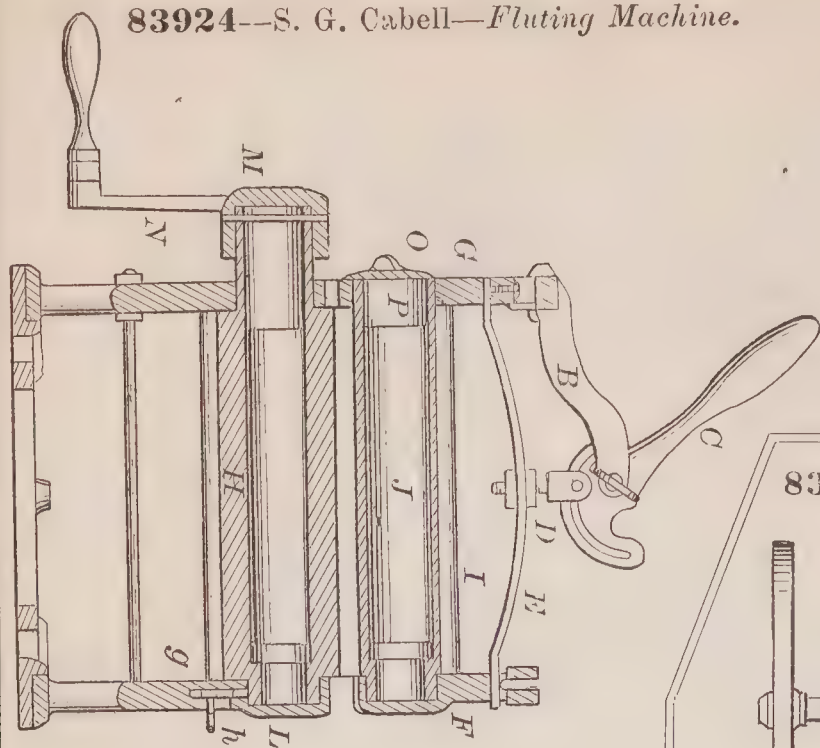
83924—S. G. Cabell—*Fluting Machine.*

Fig. 4

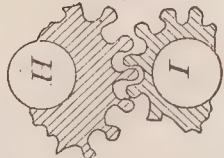
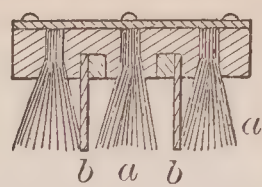
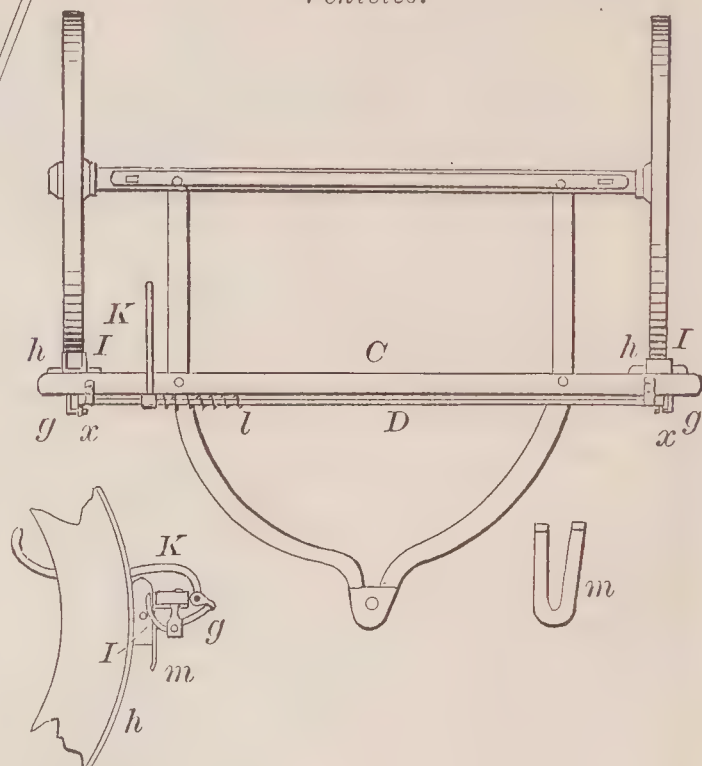
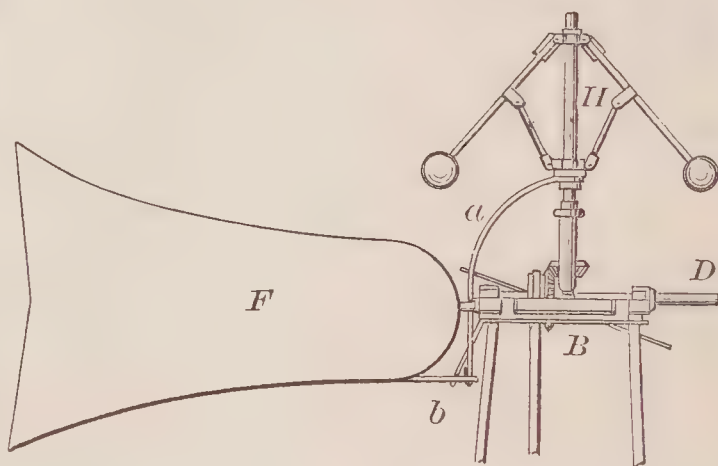
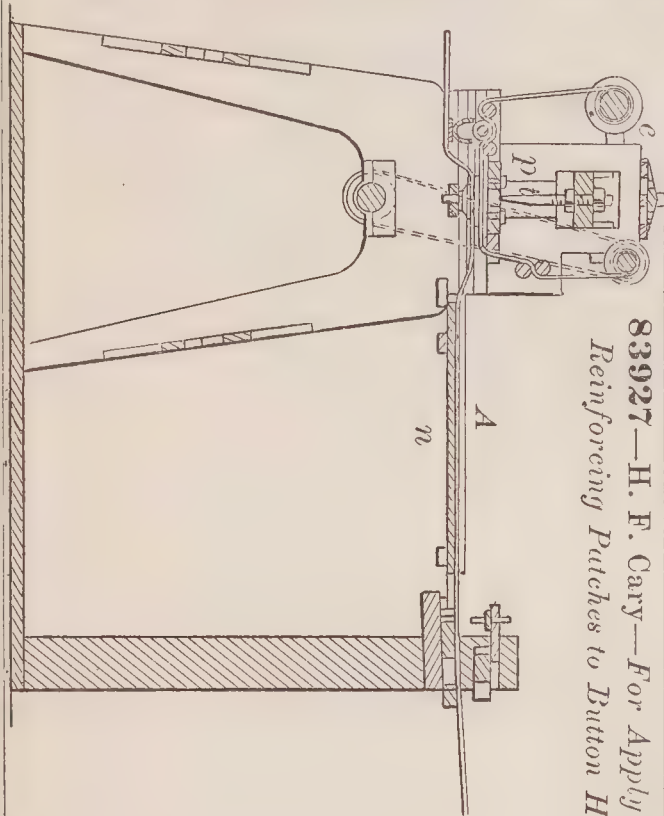
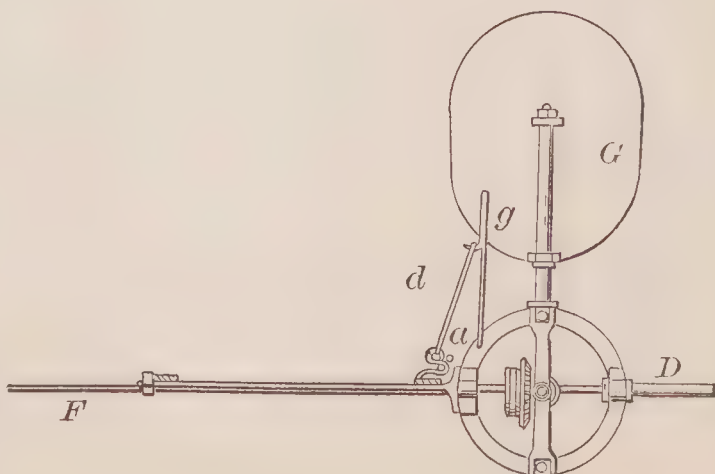
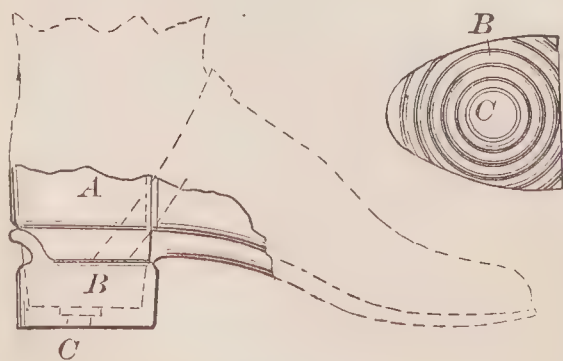
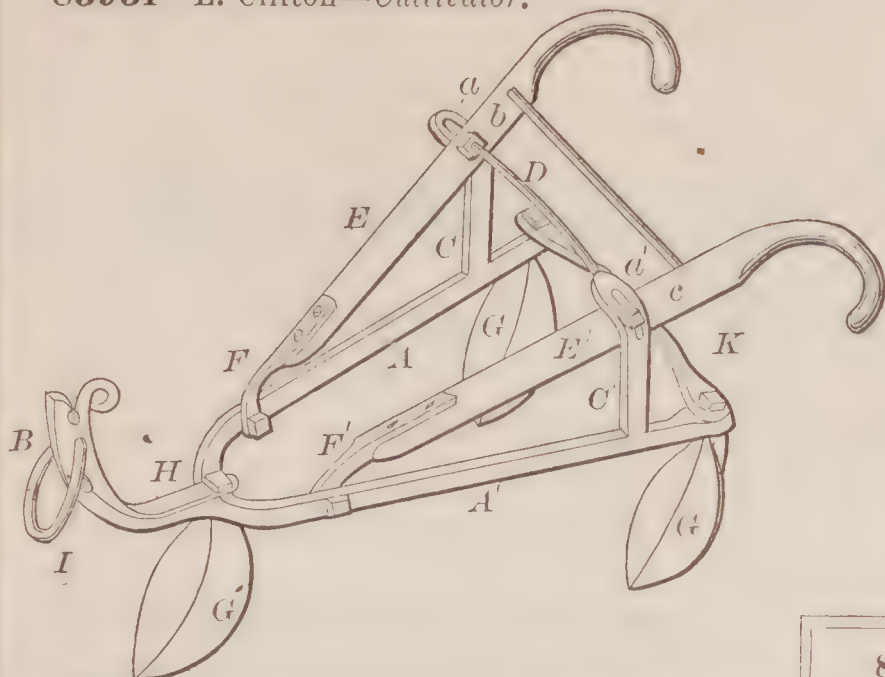


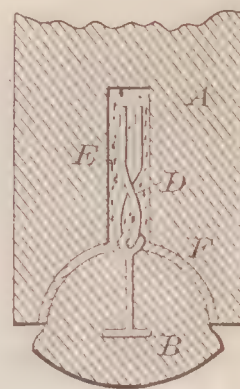
Fig. 5

83932—A. E. Colman—*Brush.*83929—E. M. Chumard—*Brake for Vehicles.*83928—C. P. Chapman—*Wind Wheel.*83927—H. F. Cary—*For Applying Reinforcing Patches to Button Holes.*83930—G. H. Clemens—*Calk.*

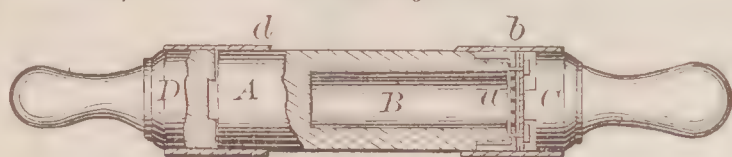
83931—L. Clifton—*Cultivator.*



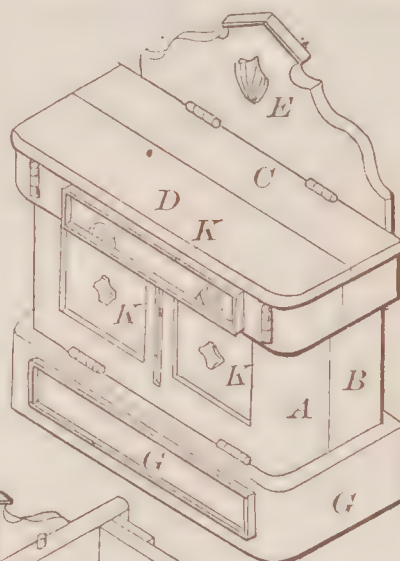
83933—Coogan & Miller—*Tip for Chair Legs.*



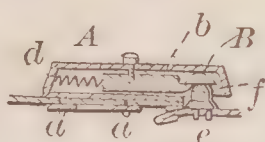
83934—W. Cook—*Rolling Pin.*



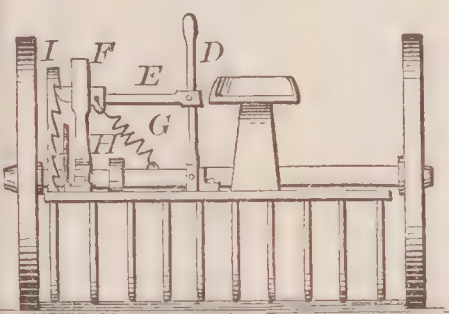
83936—M. Crosby—*Bedstead.*



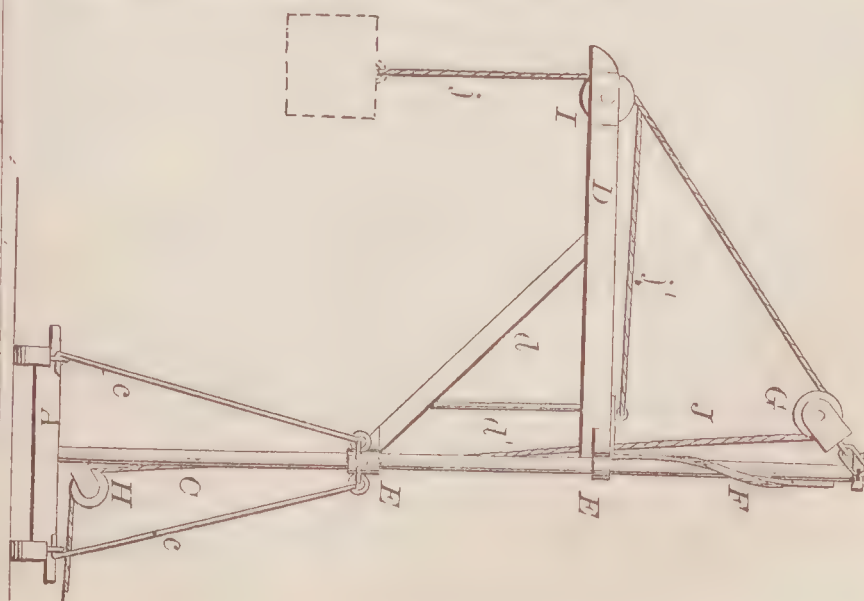
83935—P. Courvoisier—*Glove Fastener.*



83937—Denney & Chalfant—*Horse Rake.*

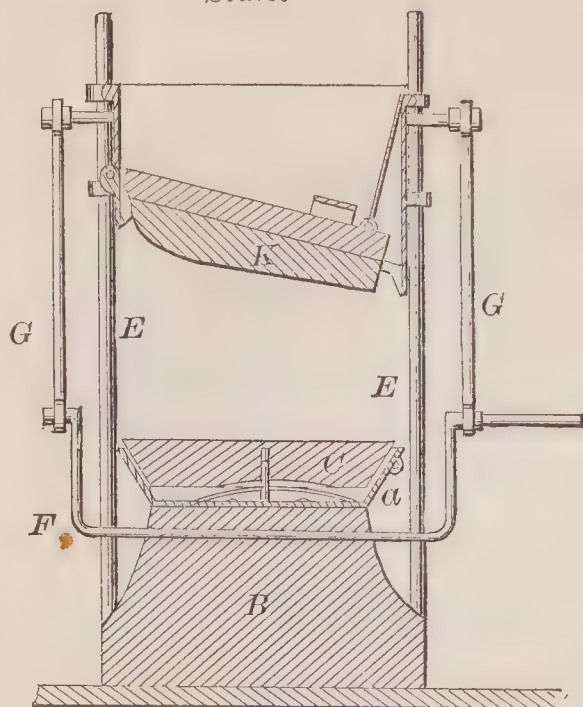


83938—Drake & Hutson—*Derrick.*

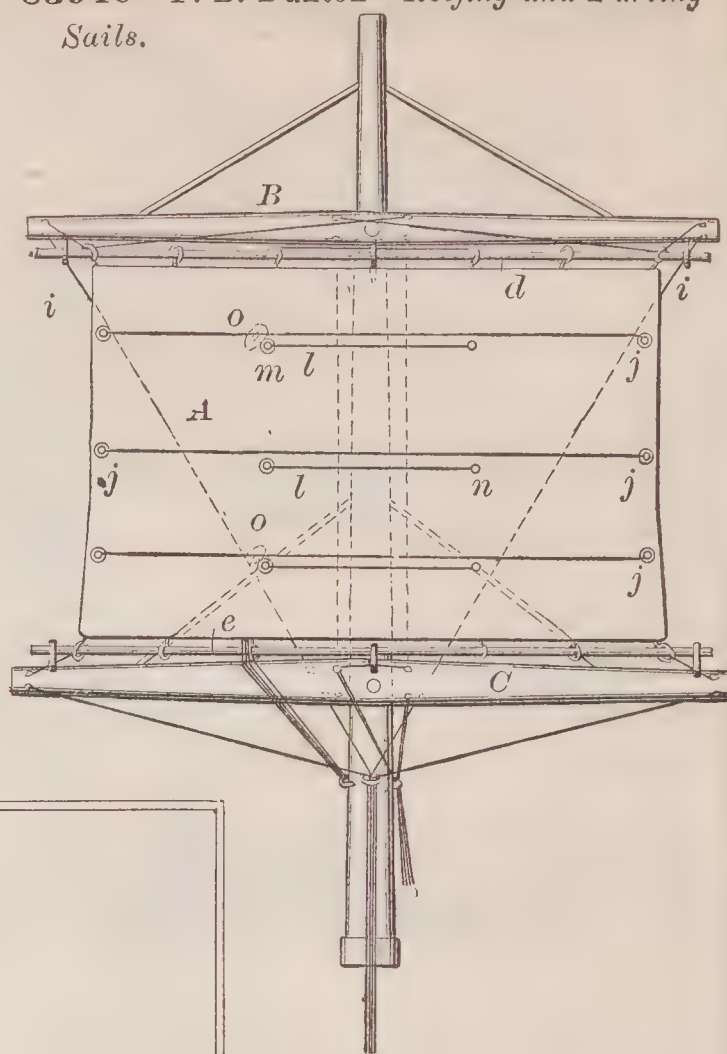




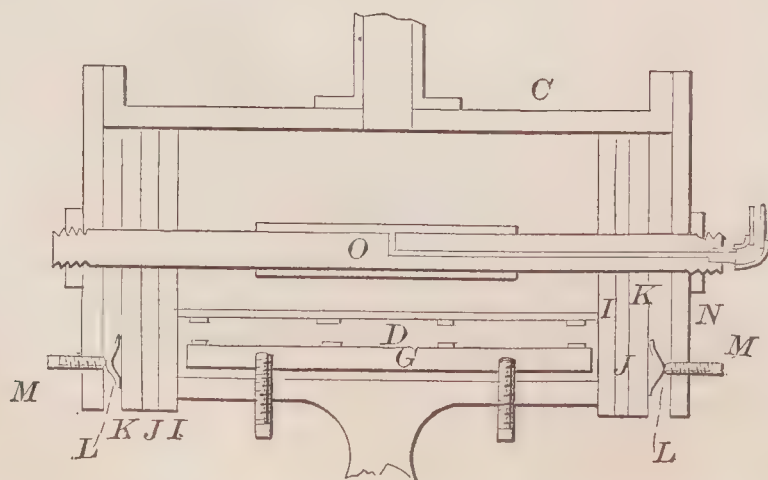
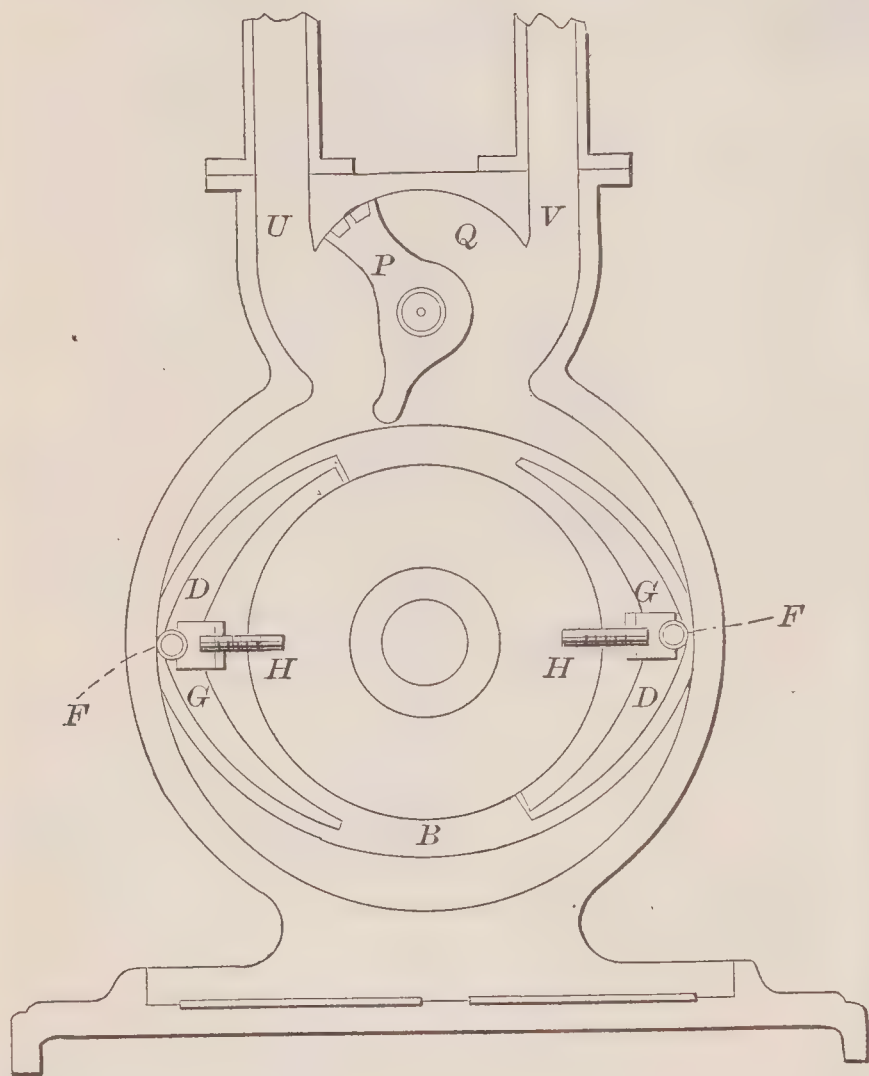
83939—T. R. Drummond—*For Cutting Slate.*



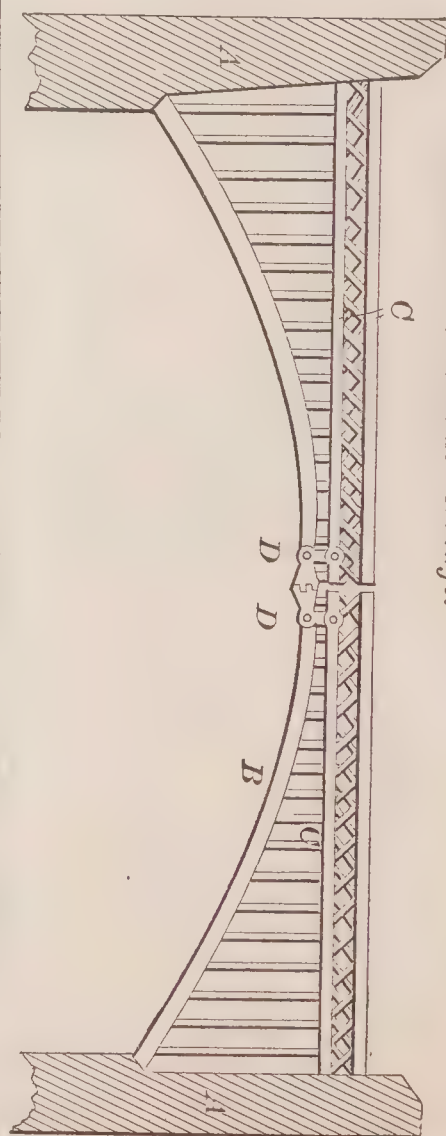
83940—F. B. Dunton—*Reefing and Furling Sails.*



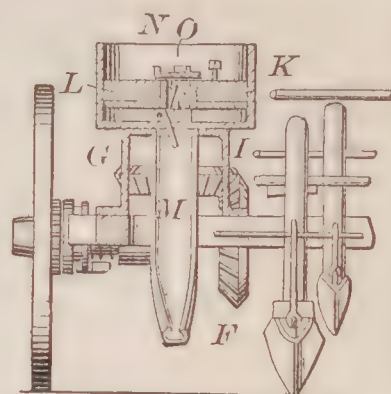
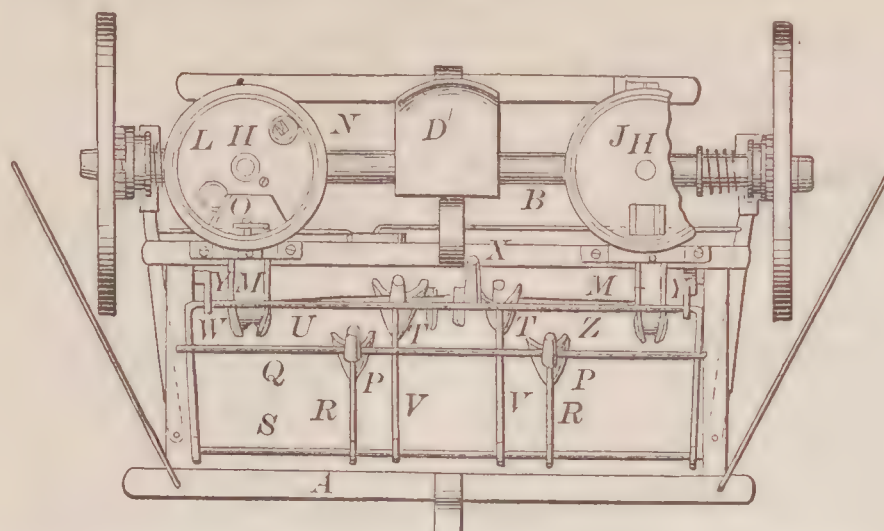
83941—A. Duvall—*Rotary Steam Engine.*



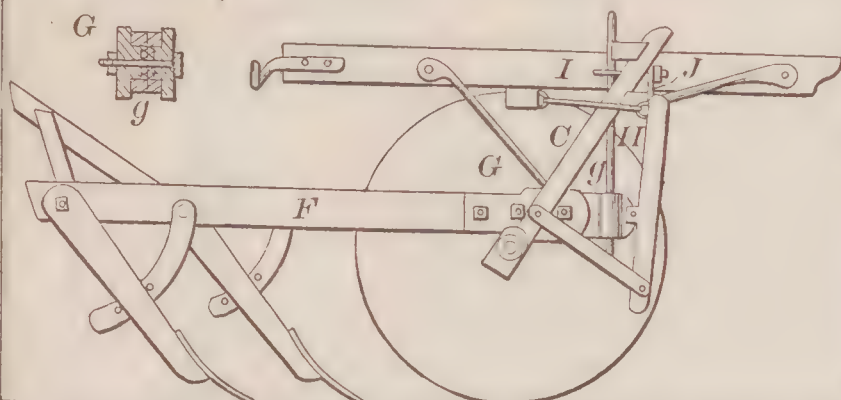
83942—J. B. Eads—*Bridge.*



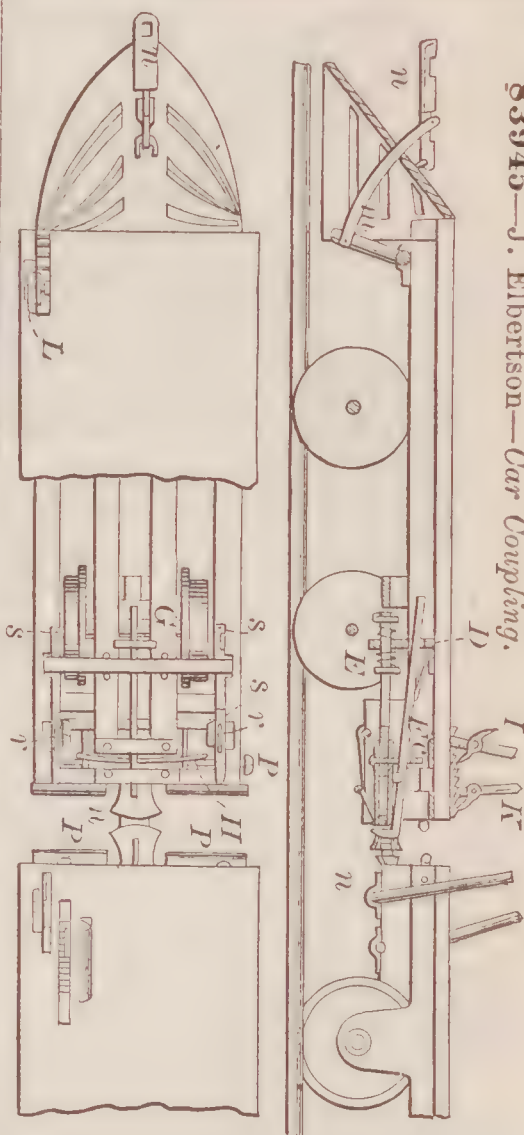
83943—A. Edmister—*Corn Planter and Cultivator.*



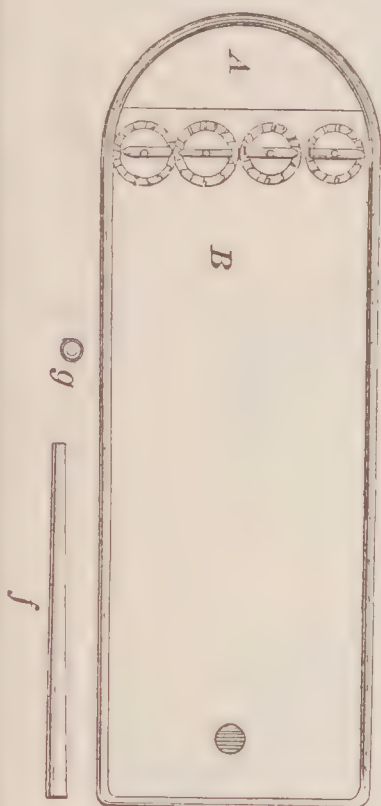
83944—W. H. Edwards—*Cultivator.*



83945—J. Elbertson—*Car Coupling.*



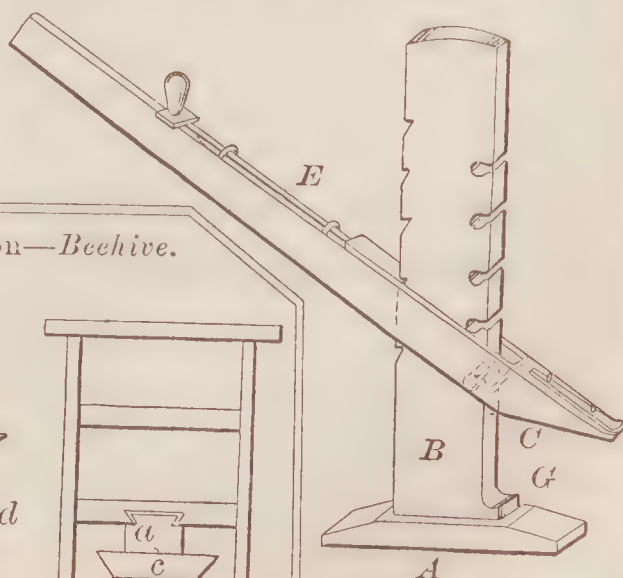
83946—S. A. Emery—*Arithmetical Game.*



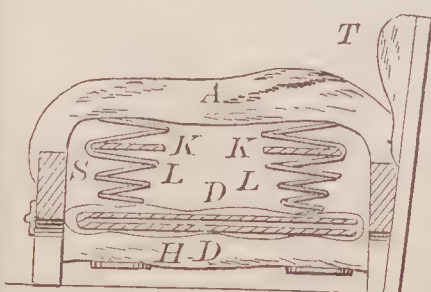
83948—M. Flurscheim—*Fabric for Floor Covering.*



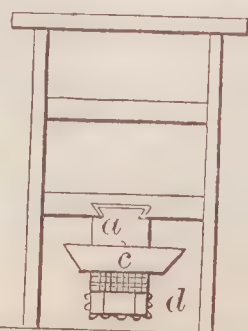
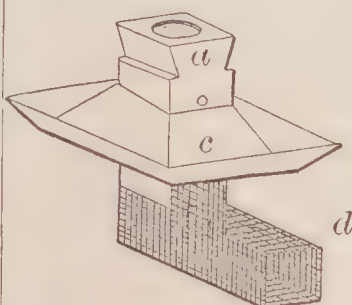
83947—D. Fasig—*Lifting Jack and Cant Hook.*



83949—D. Forbes—*Lounge.*

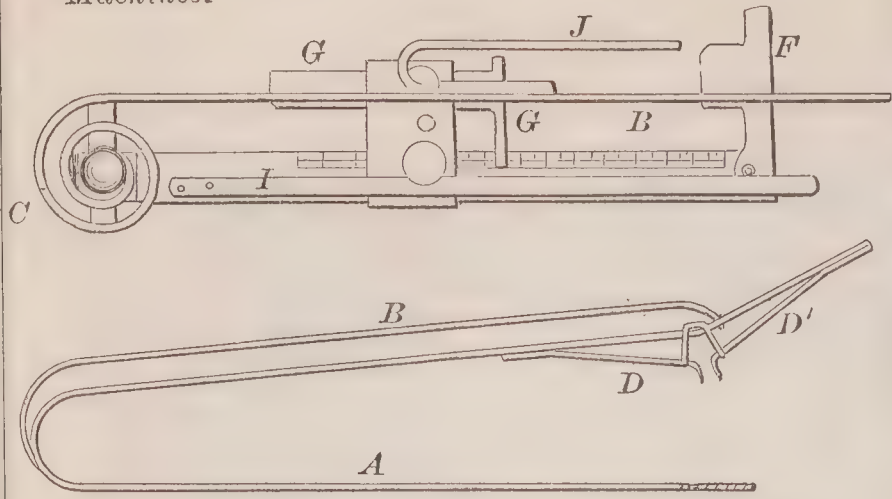


3952—J. C. Gaston—*Beehive.*

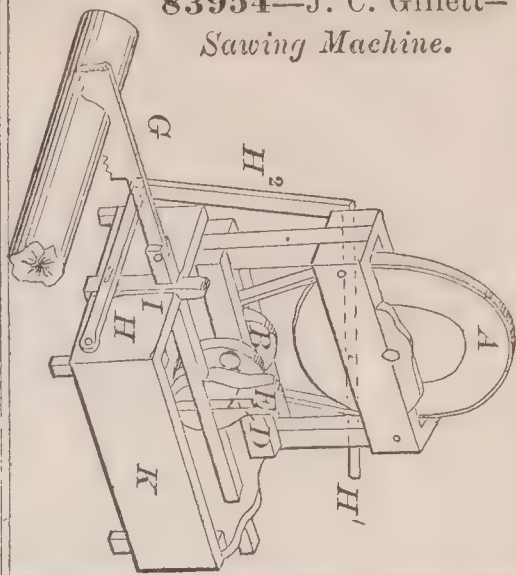




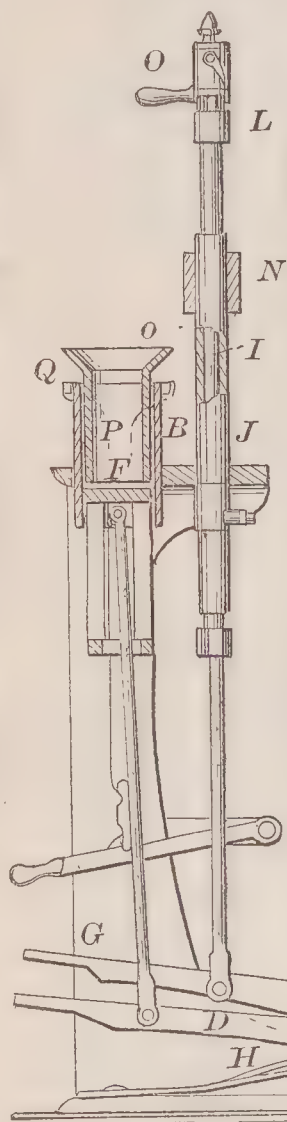
83950—H. W. Fuller—*Tuck Creaser for Sewing Machines.*



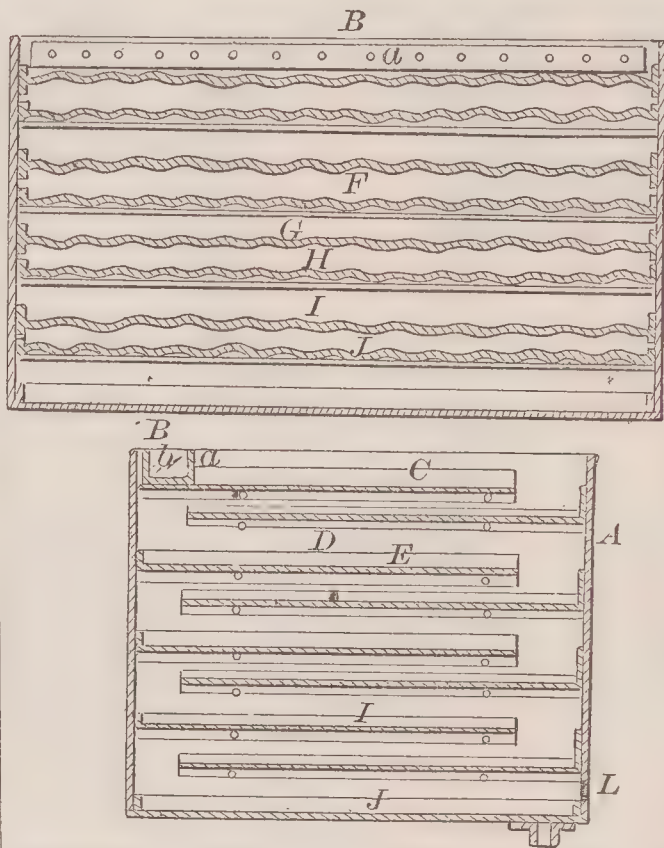
83954—J. C. Gillett—*Sawing Machine.*



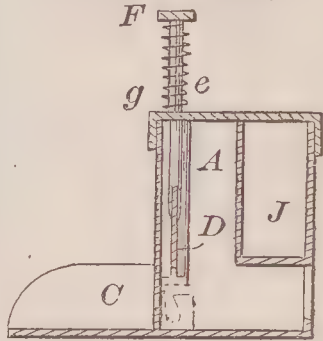
83951—Garsed & Denn—*For Packing Tea and Coffee.*



83953—J. Geemen—*Beer Cooler.*



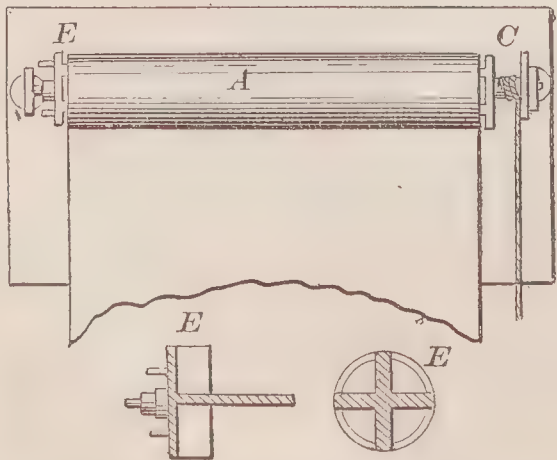
83955—  
Gilman & Smith—*Tobacco Cutter.*



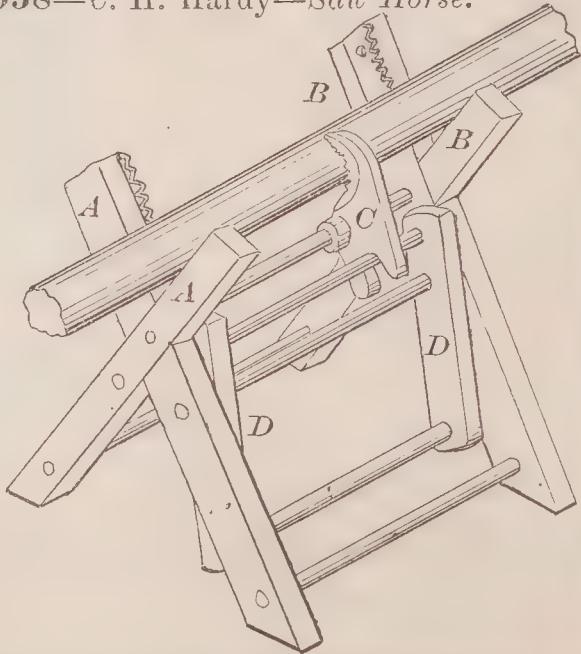
83956—H. H. Gridley—*Sawage  
for Saws.*



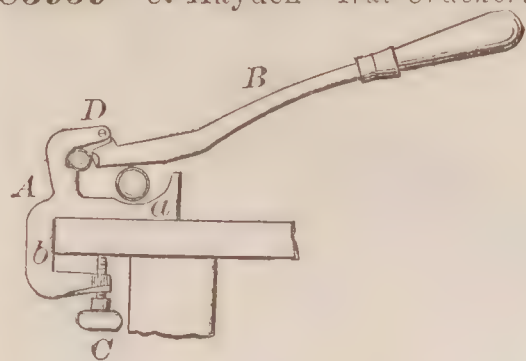
83957—B. Handforth—*Curtain Fixture.*



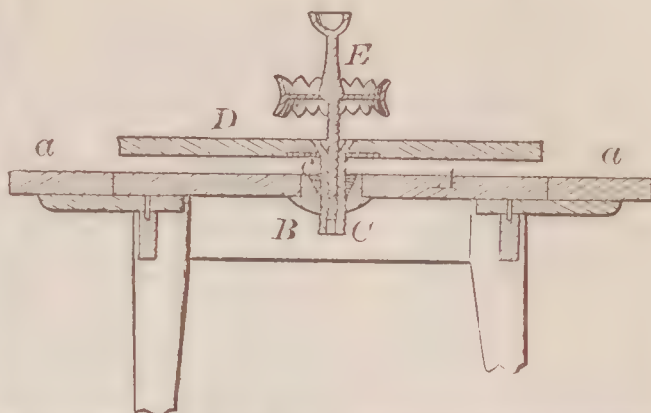
83958—C. H. Hardy—*Saw Horse.*



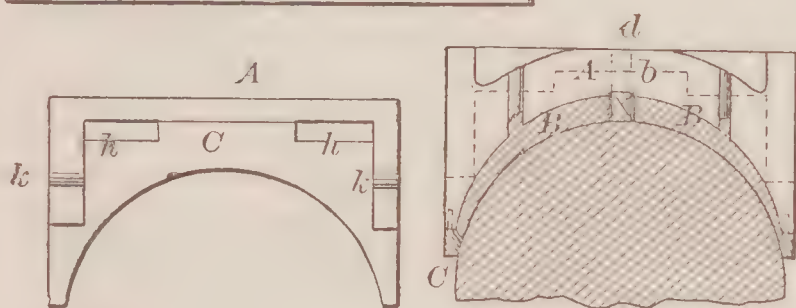
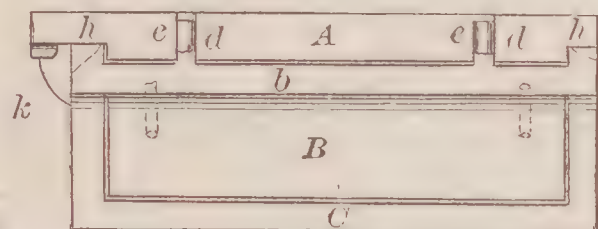
83959—C. Hayden—Nut Cracker.



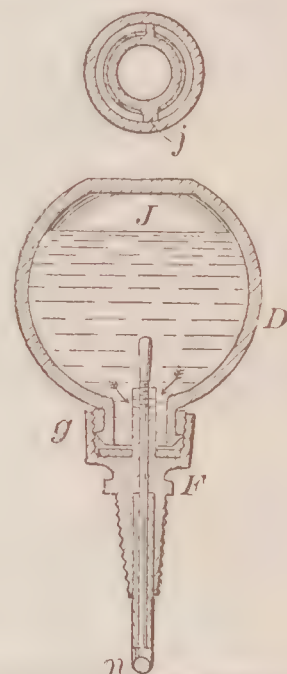
83960—J. S. Heaton—Revolving Table.



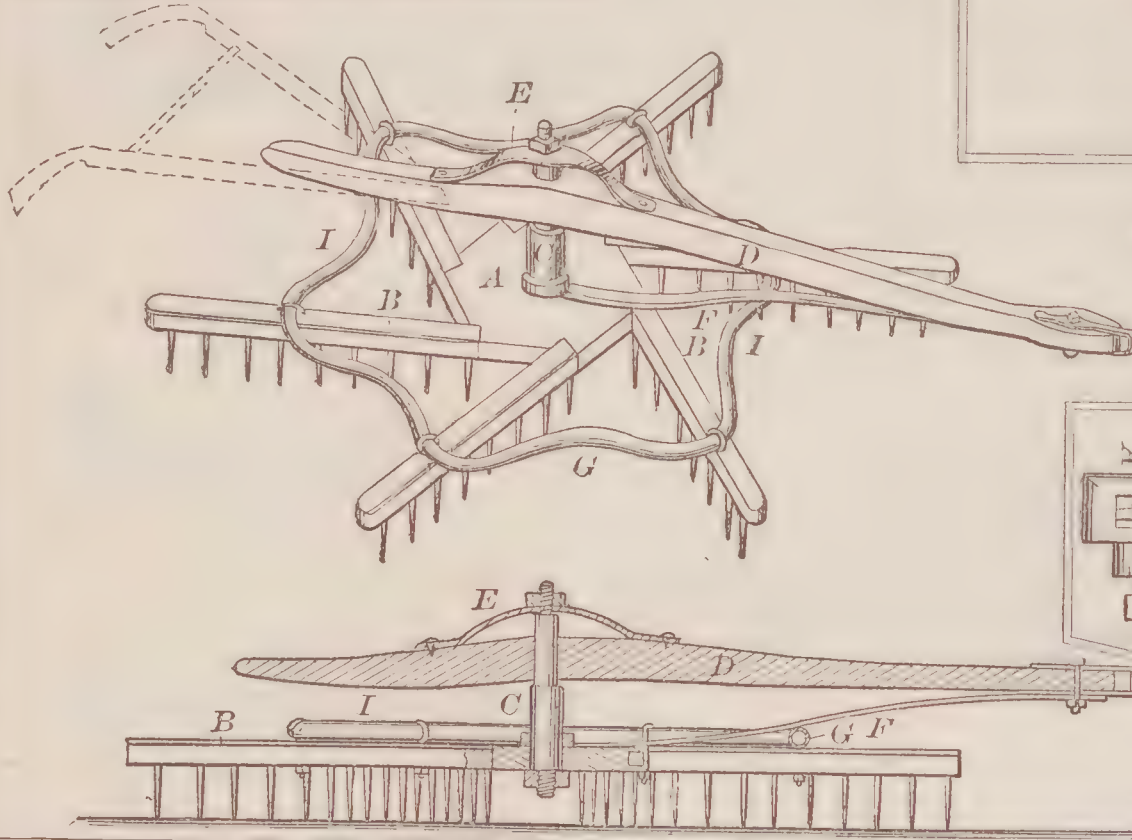
83961—G. H. Henfield—Journal Box.



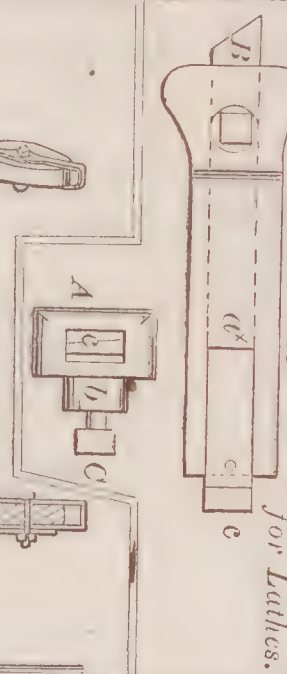
83965—T. Holland—Lubricator.



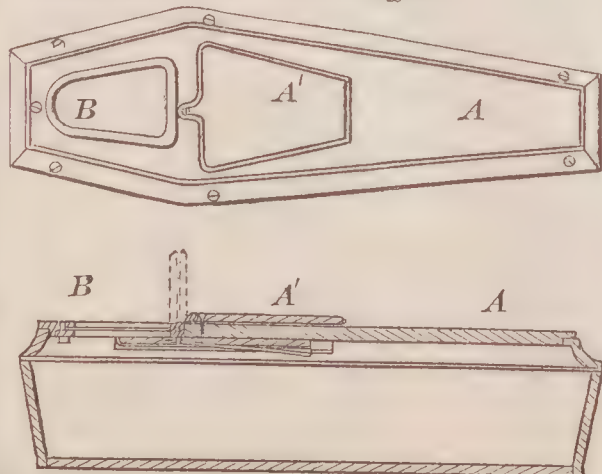
83962—Hickman & Devoe—Harrow.



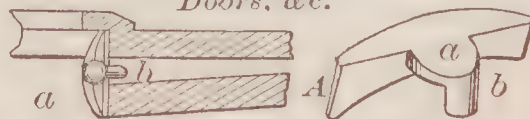
83963—Hickok & Reisinger—Tool Holder for Lathes.



83964—F. A. Hill—Coffin.



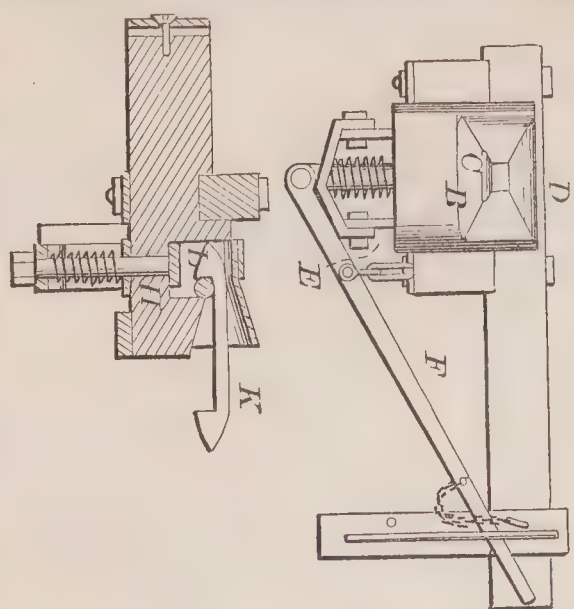
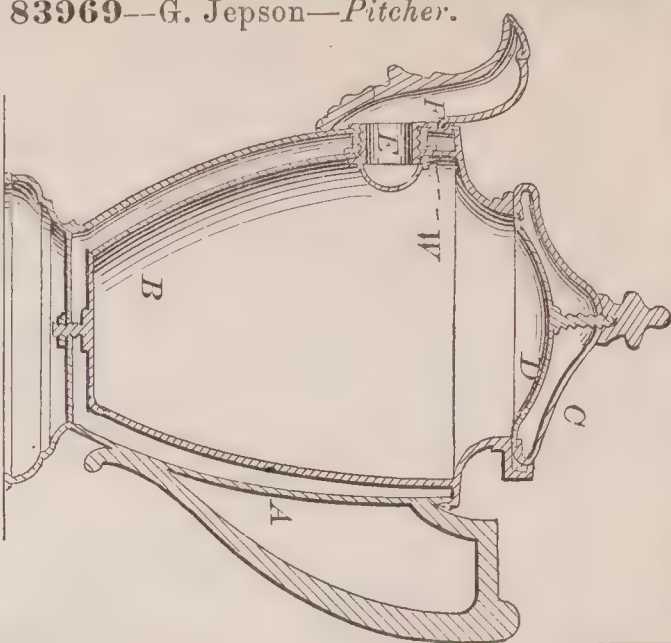
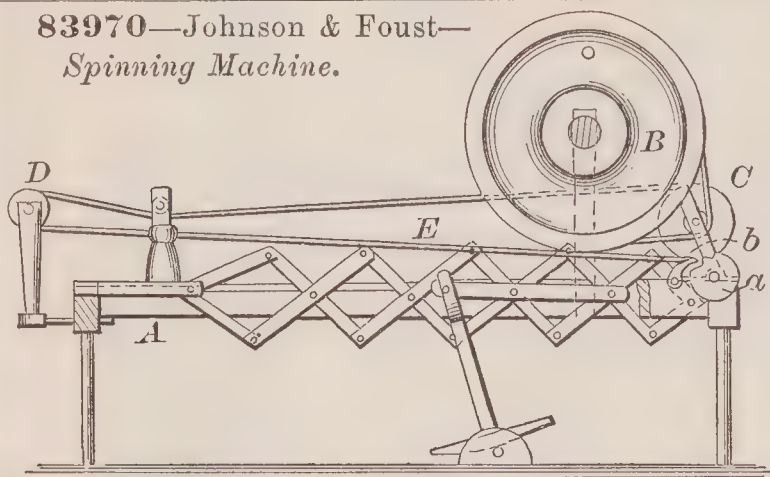
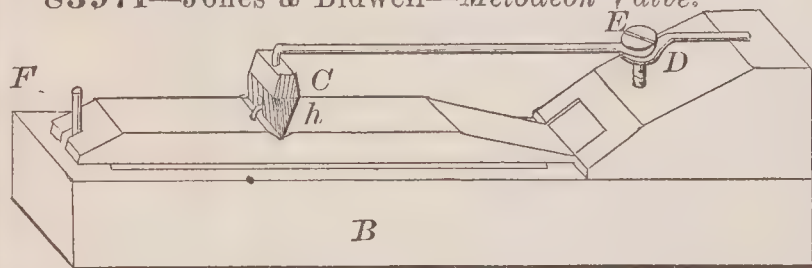
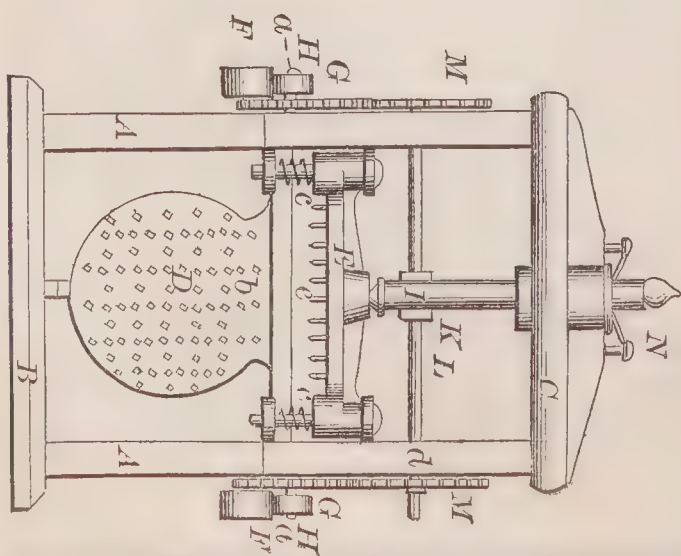
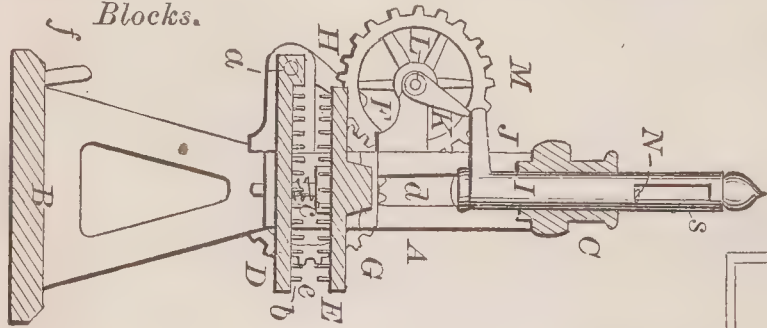
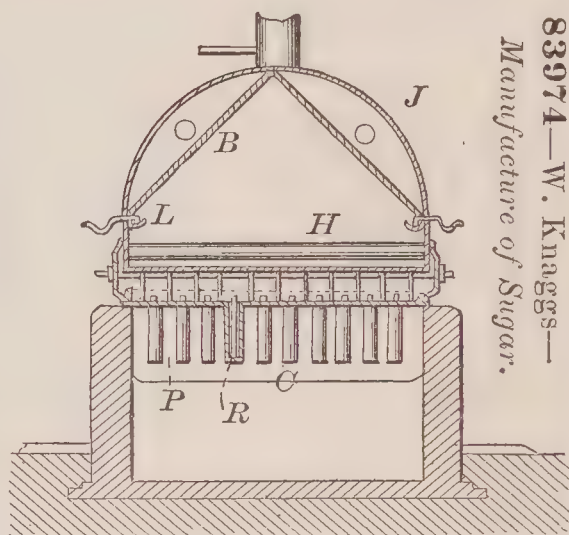
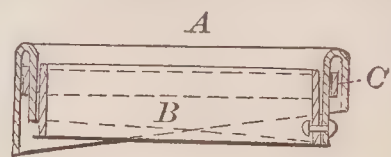
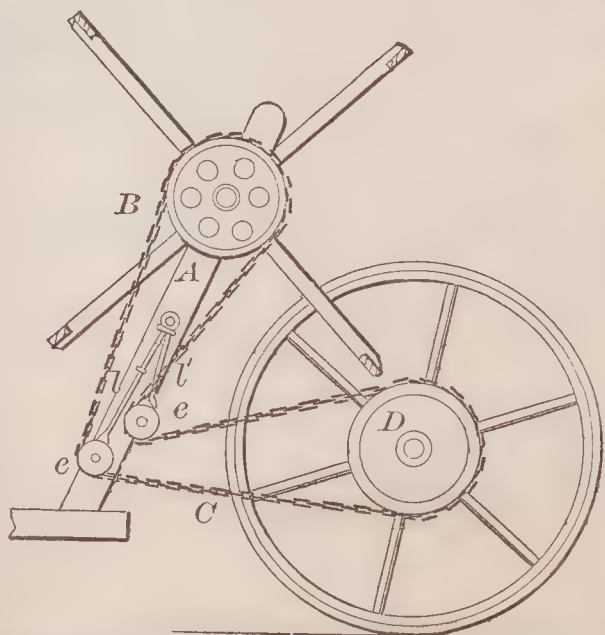
83967—L. T. Howell—Retaining Device for Doors, &c.



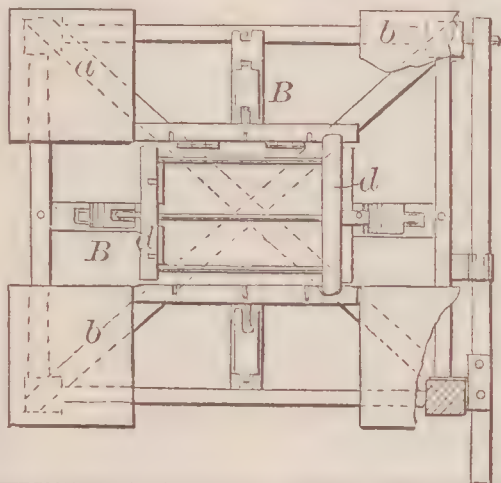
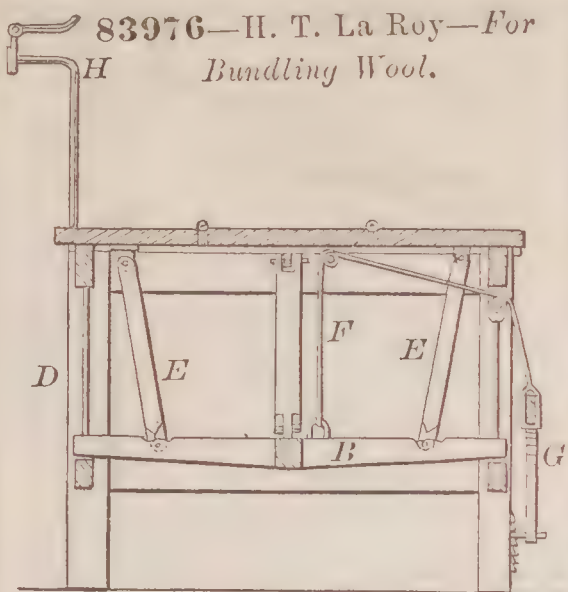
83968—C. Jarceki—Piston for Deep Well Pumps.



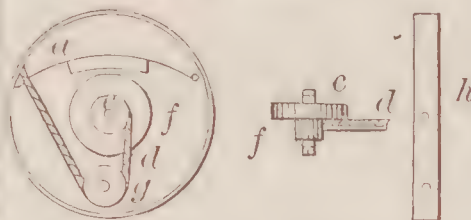


83966—D. D. Howe—*Car Coupling.*83969—G. Jepson—*Pitcher.*83970—Johnson & Foust—*Spinning Machine.*83971—Jones & Bidwell—*Melodeon Valve.*83972—G. D. Jones—*For Cutting Sugar into Blocks.*83974—W. Knags—*Manufacture of Sugar.*83973—S. Kaufman—*Collar Stay.*83975—J. M. Knepley—*Harvester.*

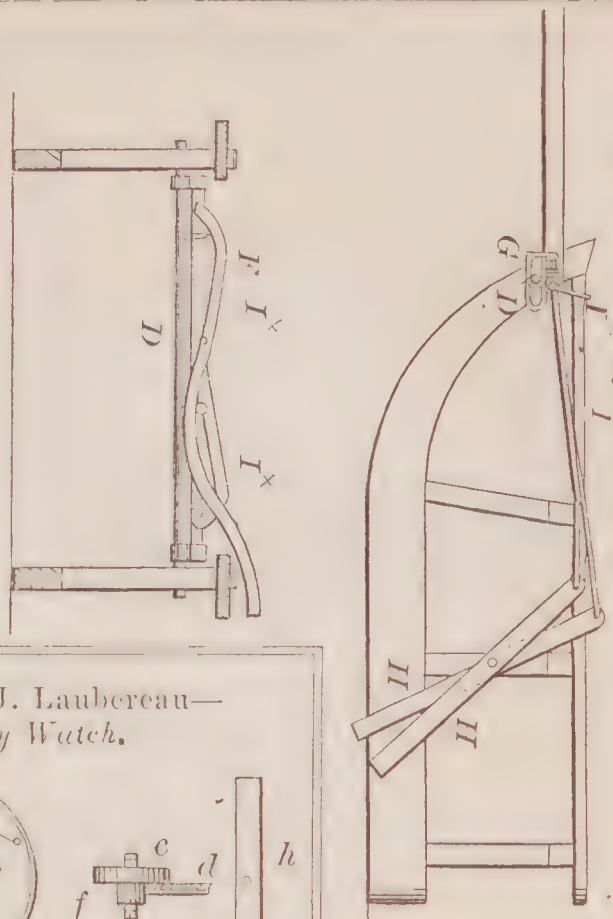
83976—H. T. La Roy—For Bundling Wool.



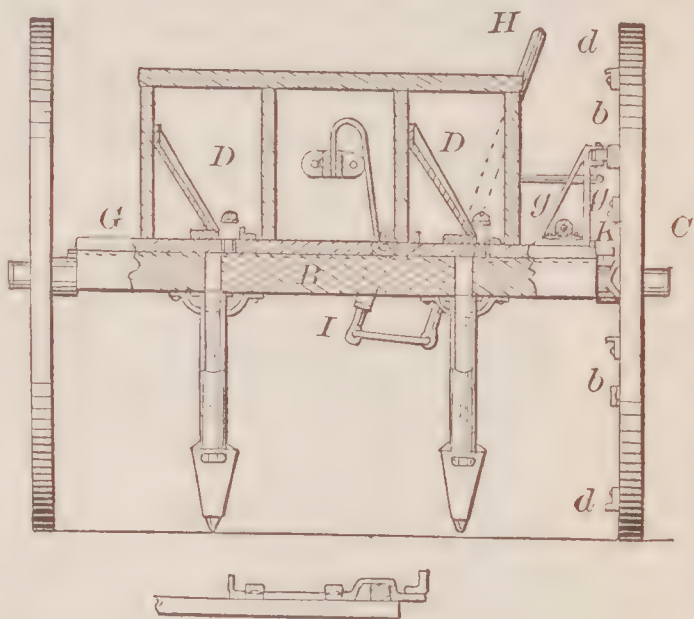
83978—J. Laubereau—Toy Watch.



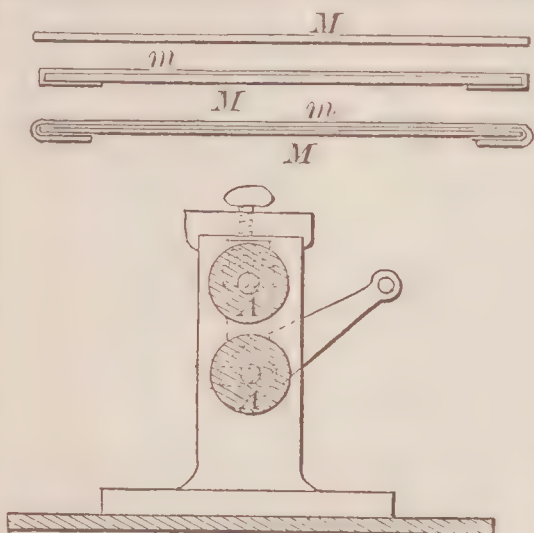
83977—Latta & Snyder—Steel Brake.



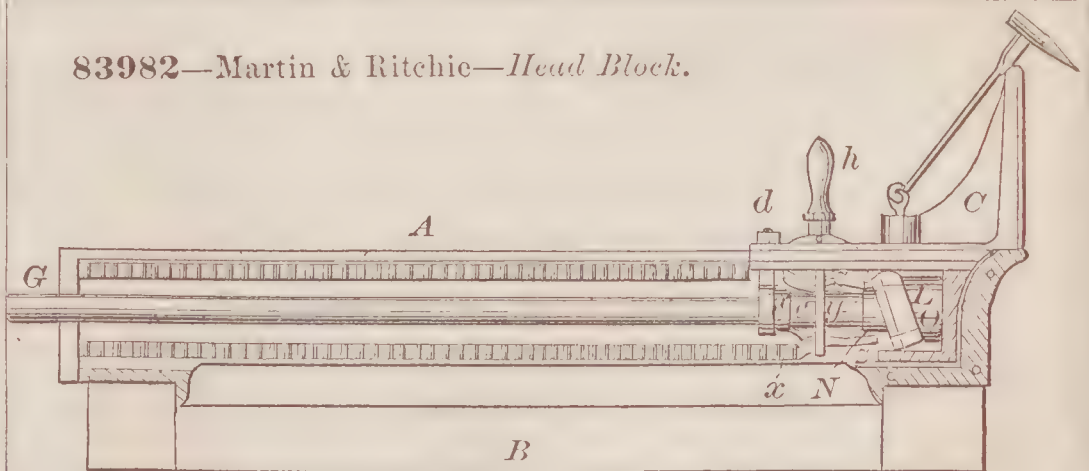
83979—Lawrence & Quick—Corn Planter.



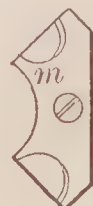
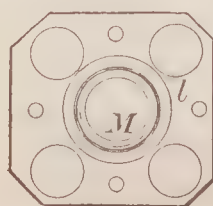
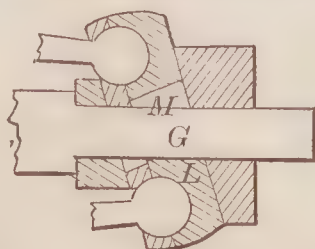
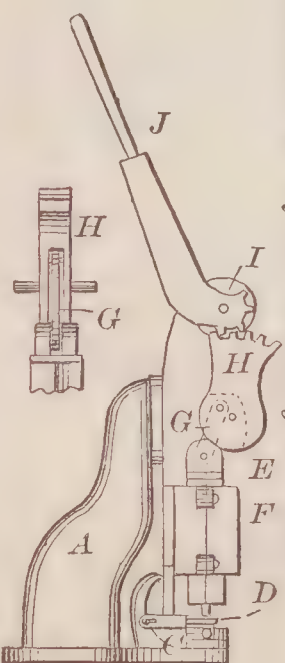
83980—J. S. Lever—Book Binding.



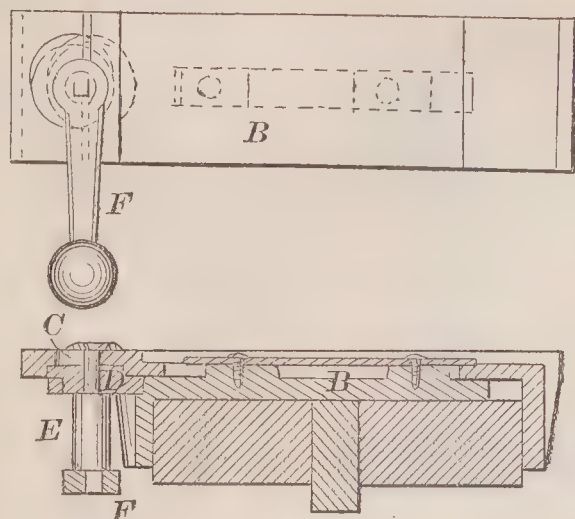
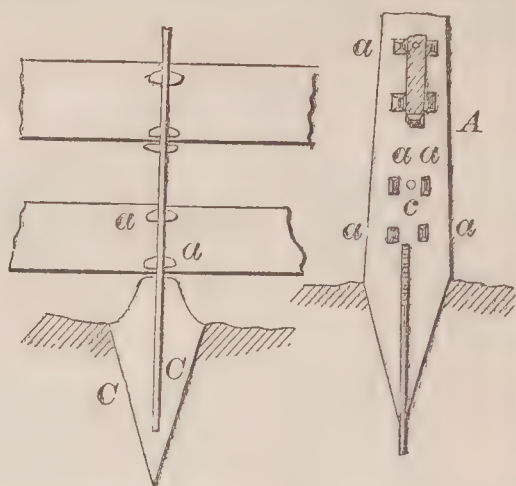
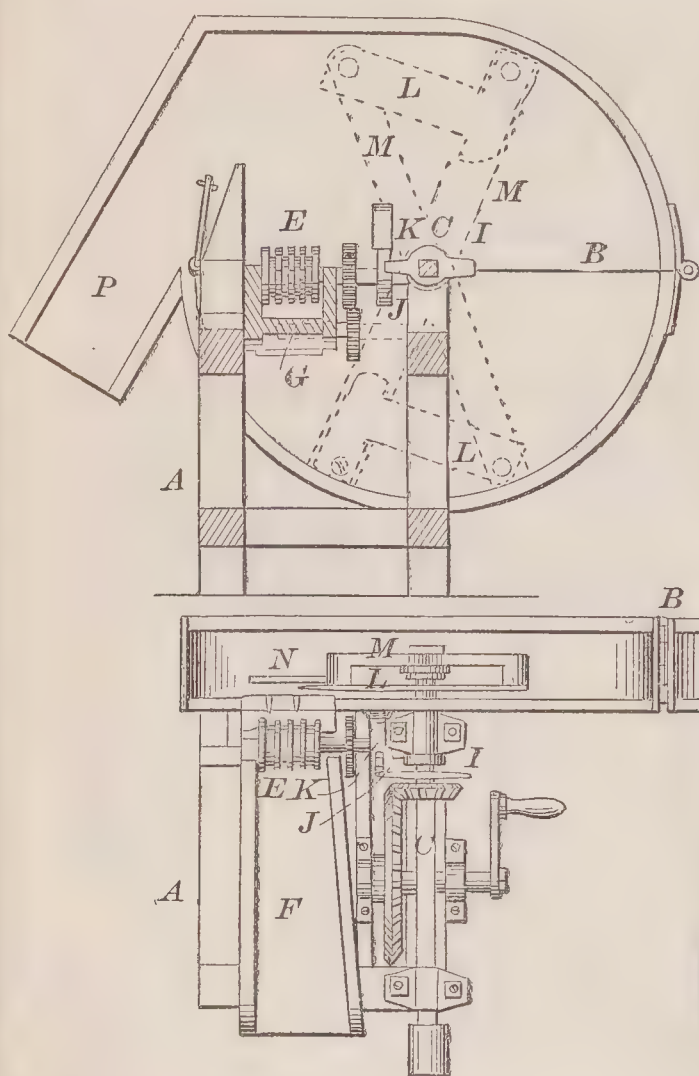
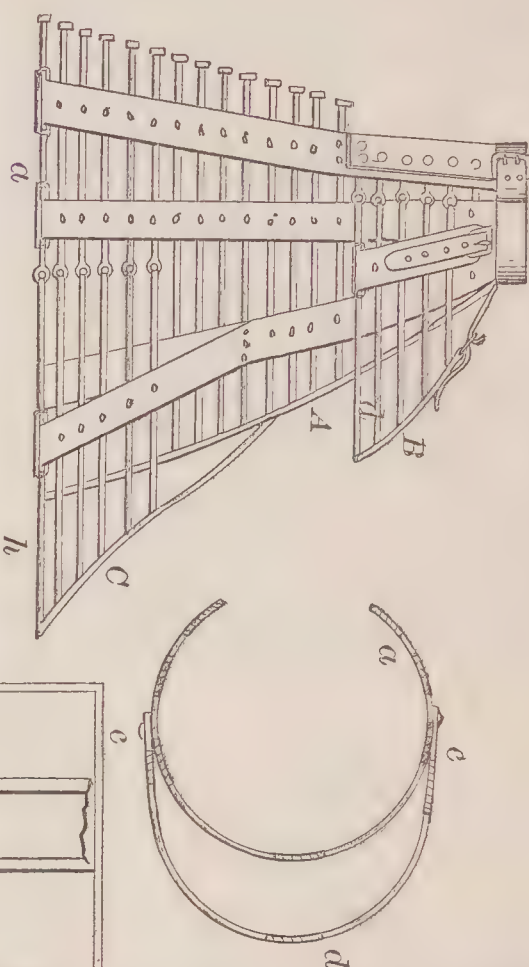
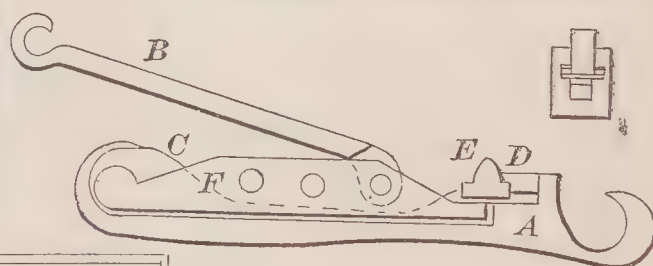
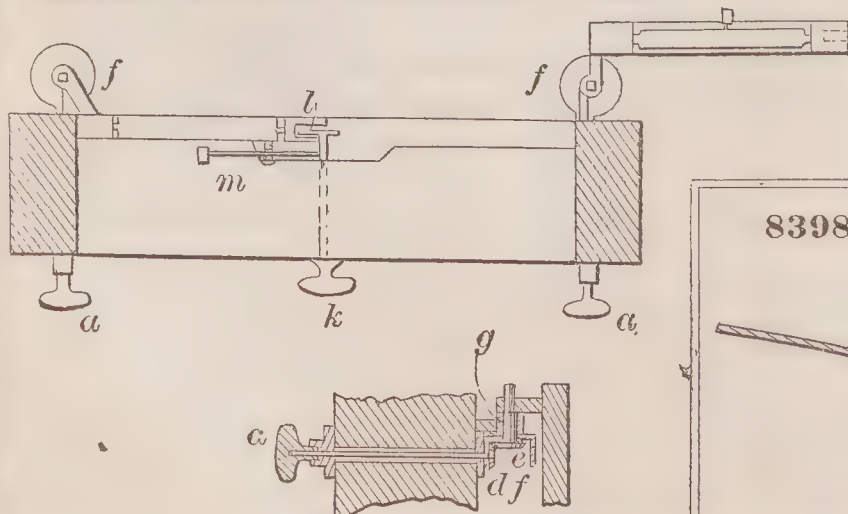
83982—Martin & Ritchie—Head Block.



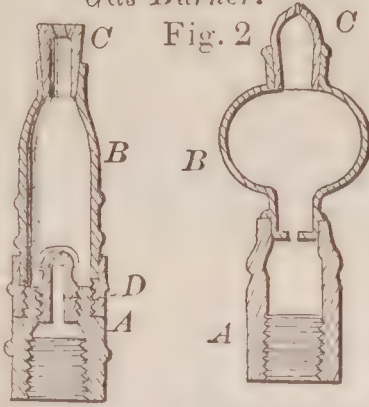
83981—W. Lyon—Punching Machine.



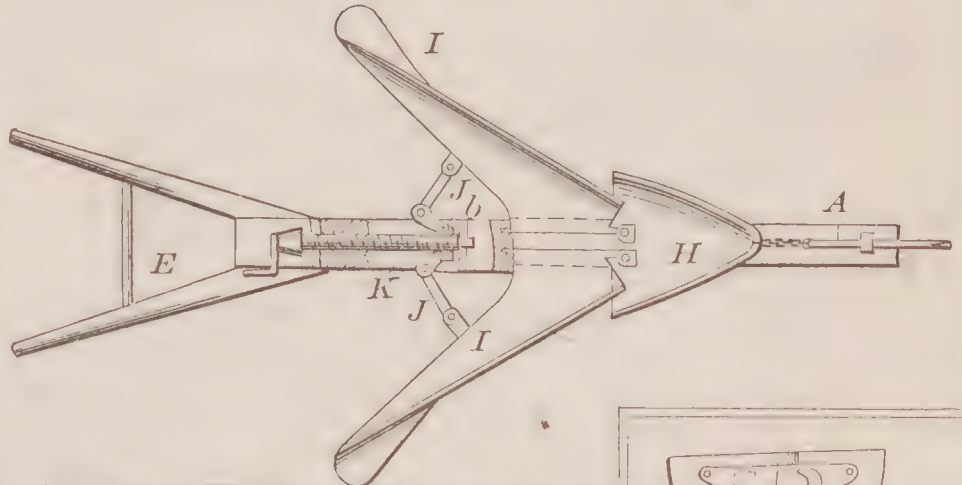
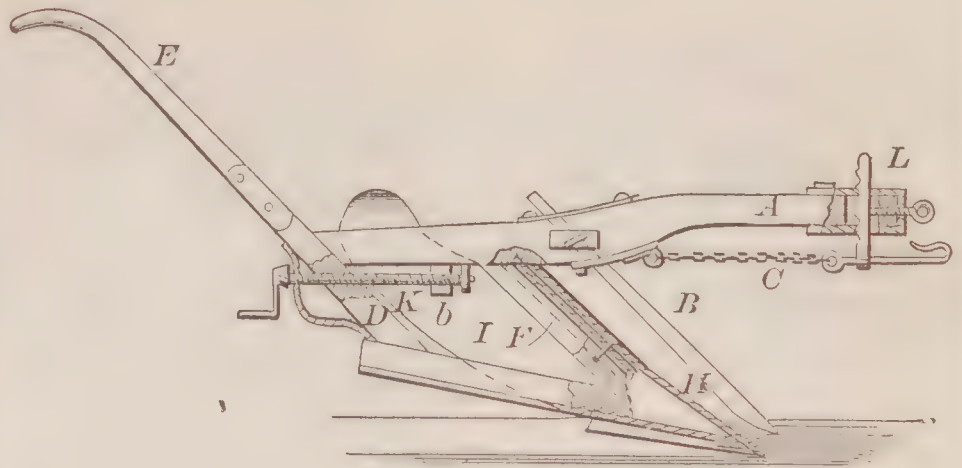


83983—W. K. Marvin—*Sash Fastener*.83985—W. Merrell—*Iron Fence Post*.83984—N. McLeod—*Feed Cutter*.83986—Meyer & Guning—*Hoop Skirt*.83987—C. Morgan—*Hames Fastening*.83989—Muller & Hood—*Shutter Worker*.83988—I. Morris—*Fire Kindler*.

83990—H. B. Myer—*Gas Burner.*

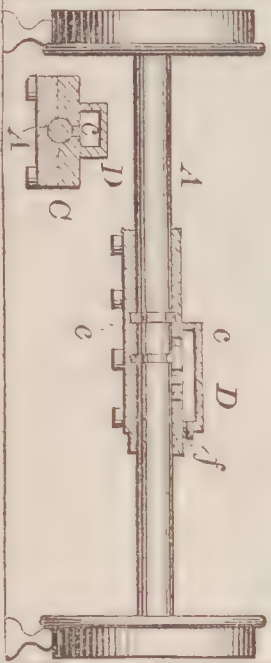


83992—C. F. Noftz—*Potato and Corn Plow.*

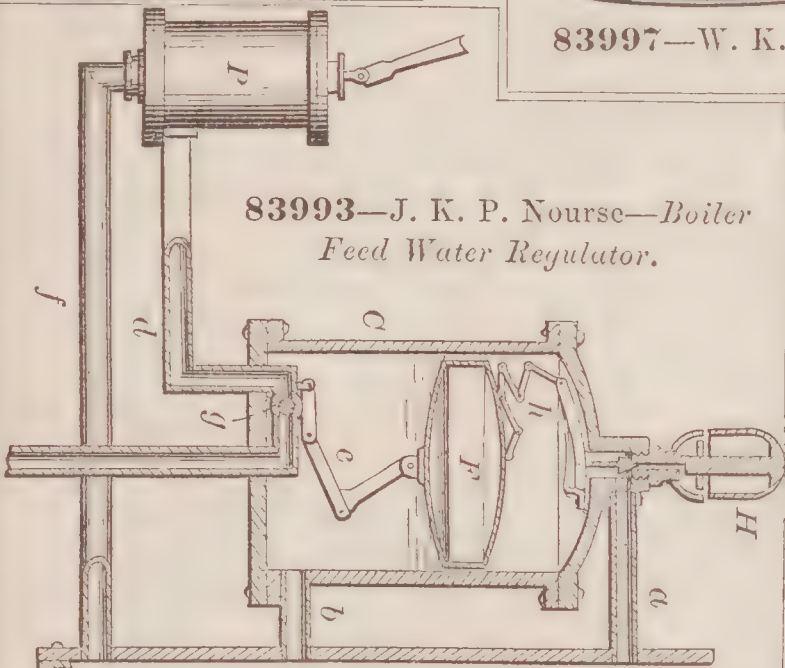


83997—W. K. Rairigh—*Implement.*

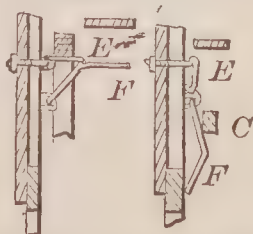
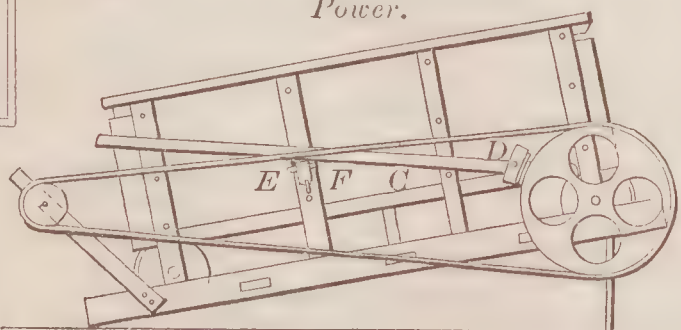
83991—J. K. Nelson—*Divided Car Axle.*



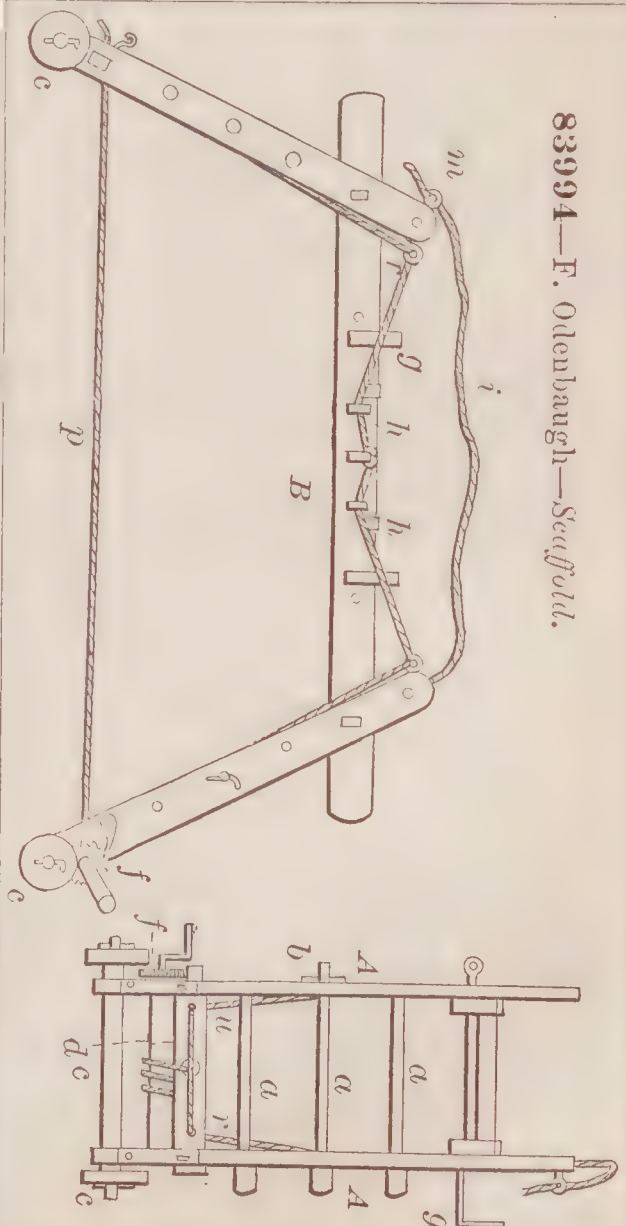
83993—J. K. P. Nourse—*Boiler Feed Water Regulator.*



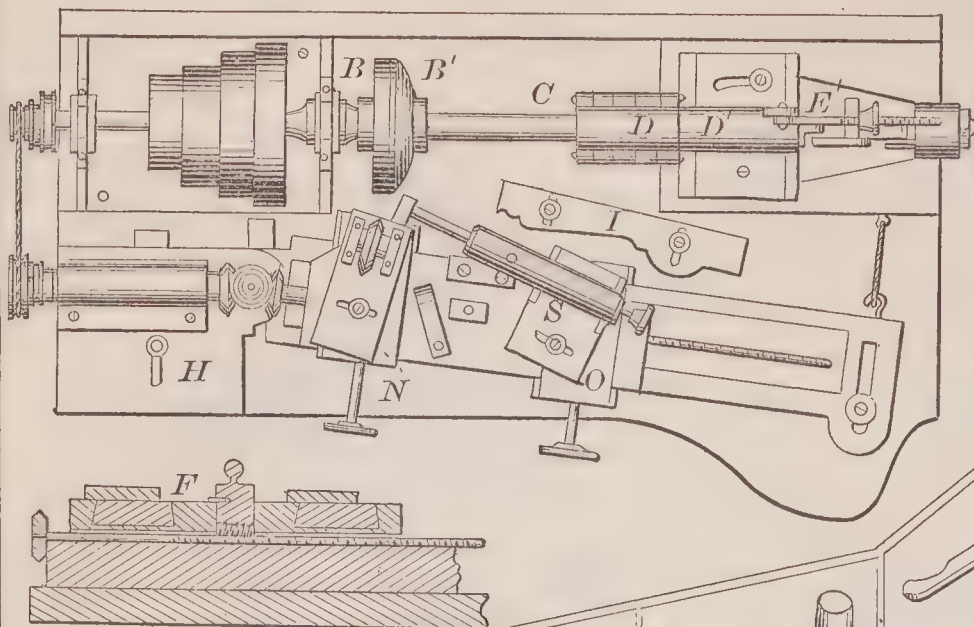
83995—T. G. Palmer—*Brake for Horse Power.*



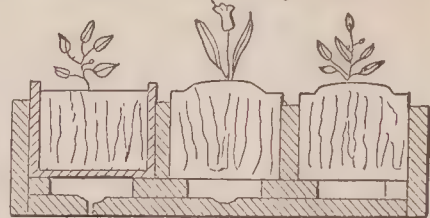
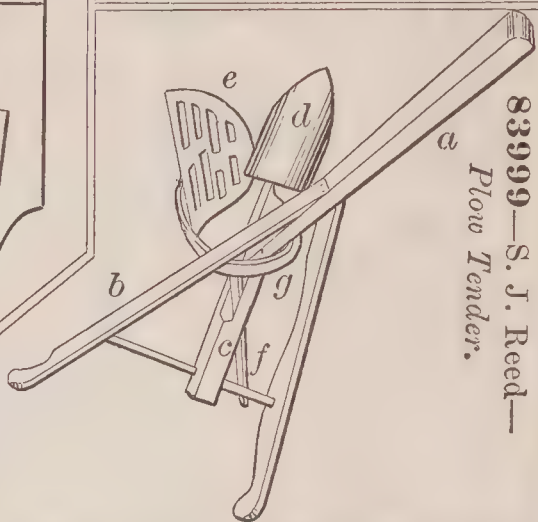
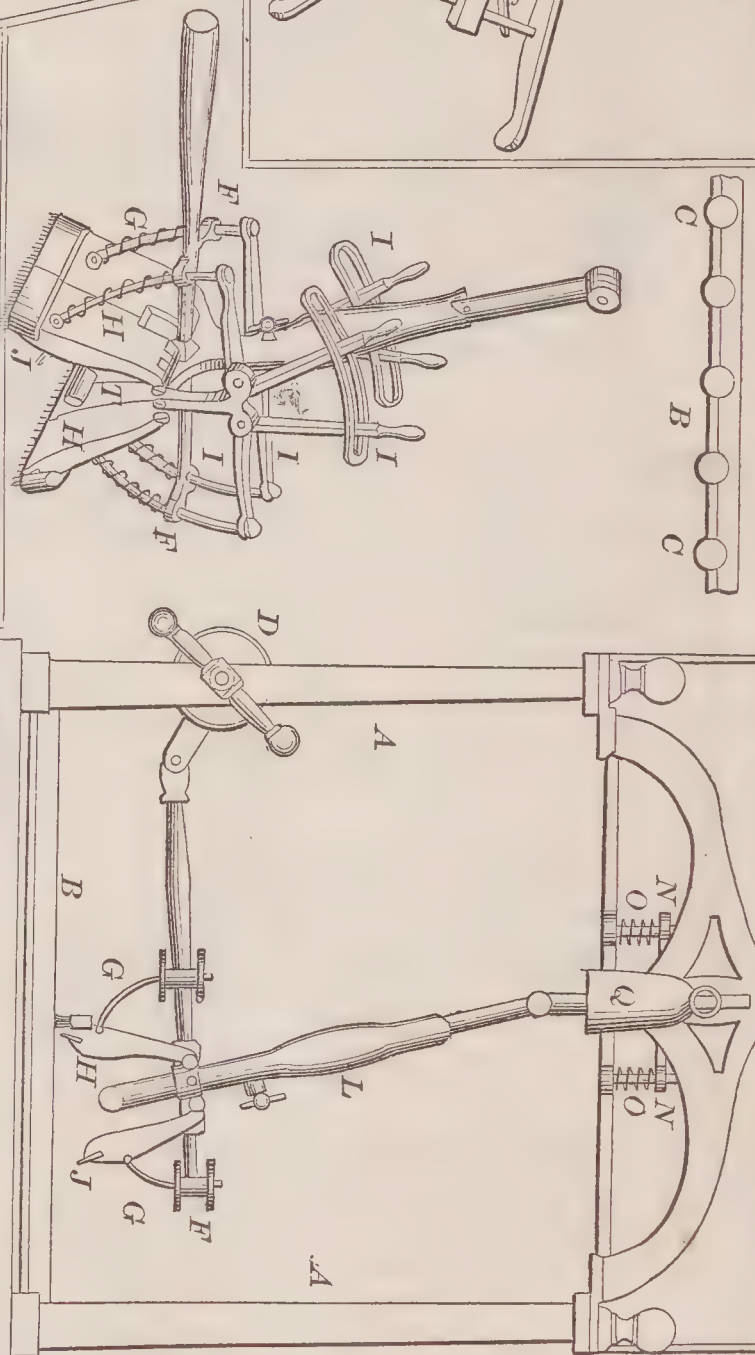
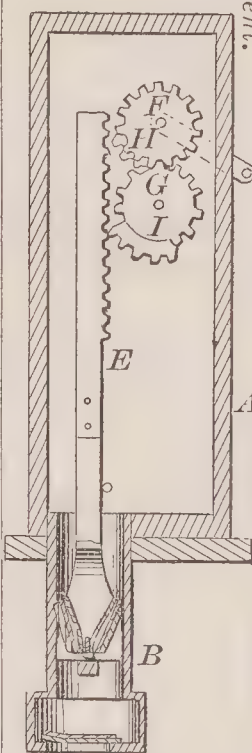
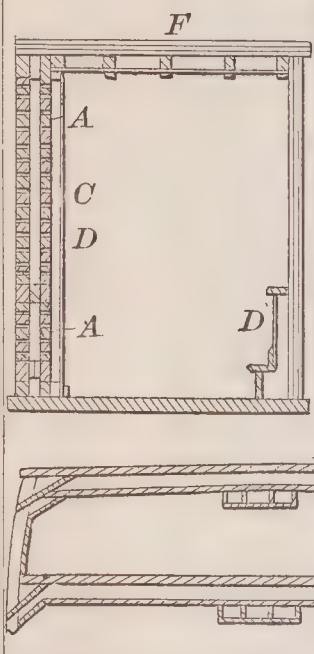
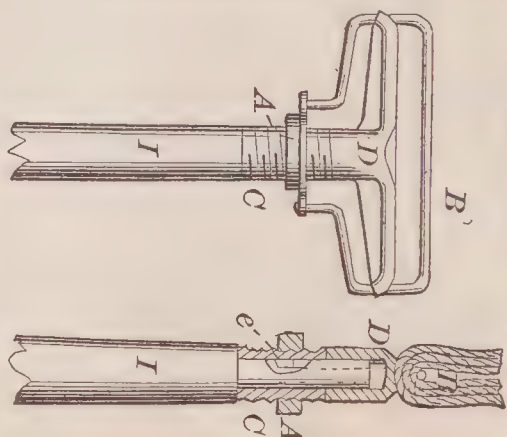
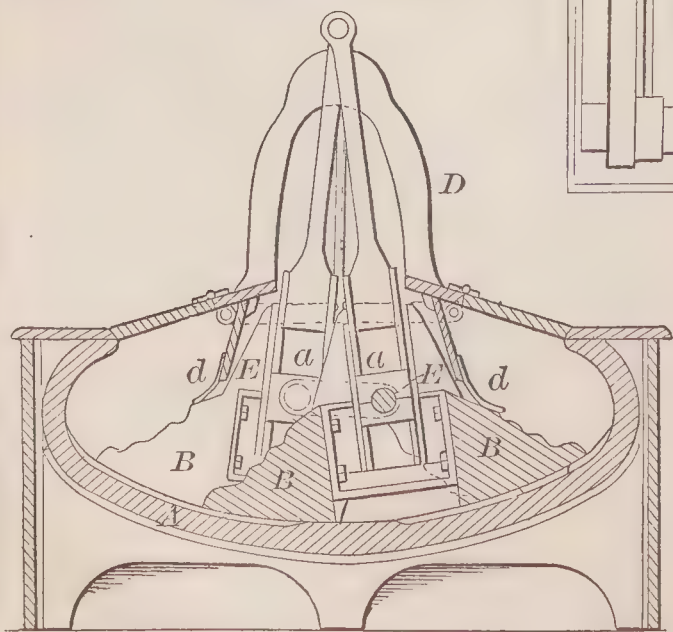
83994—F. Odenbaugh—*Scuffold.*





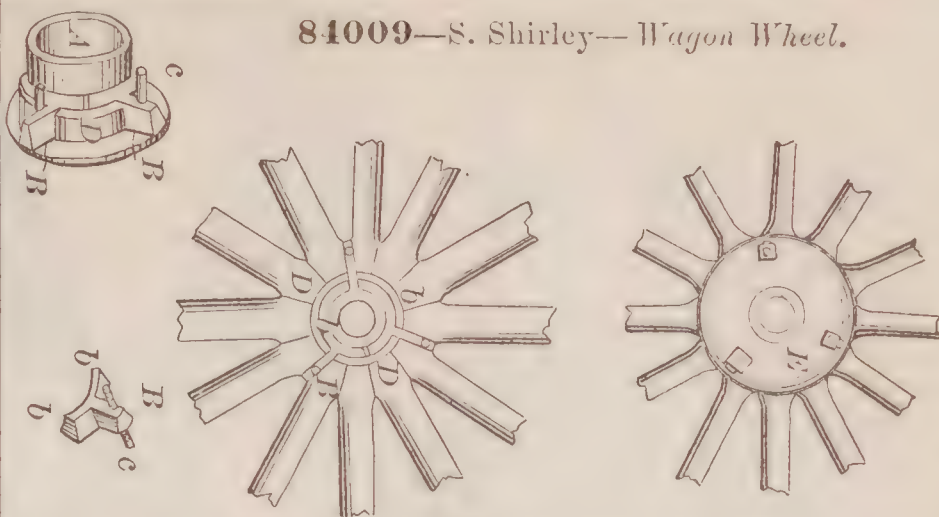
83998—A. Rais—*For Spinning Sheet Metal.*

84002—B. L. Ryder—

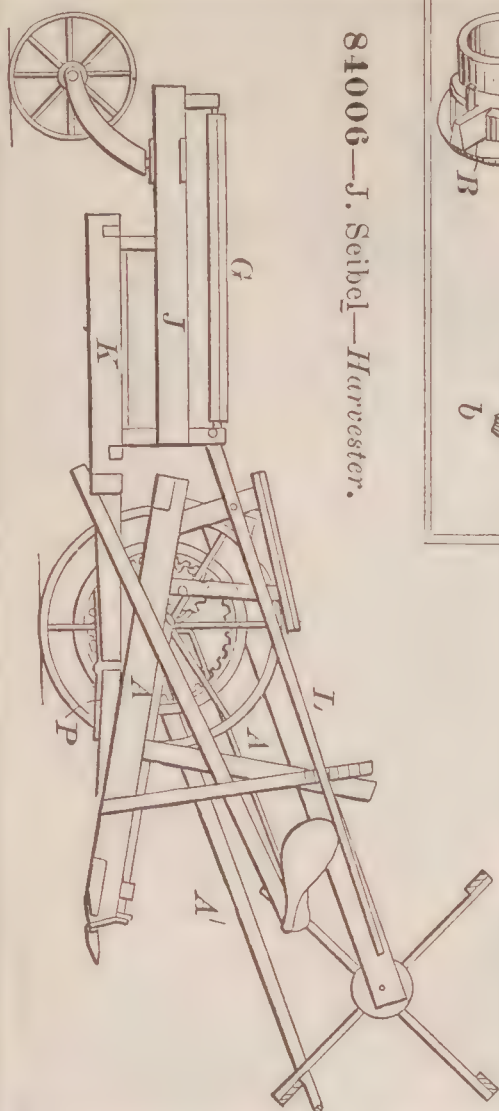
*Potting and Packing Plants.*83999—S. J. Reed—  
*Plow Tender.*84001—F. W. Rust—*For Scouring, Blacking and Finishing Leather.*84007—J. A. Shaner—*Mechanical Movement.*84004—W. Scharath—  
*Railroad Car Ventilator.*84000—O. Root—  
*Mop Head.*84005—O. Schimmel—  
*Washing Machine.*



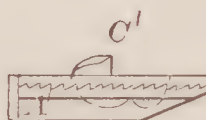
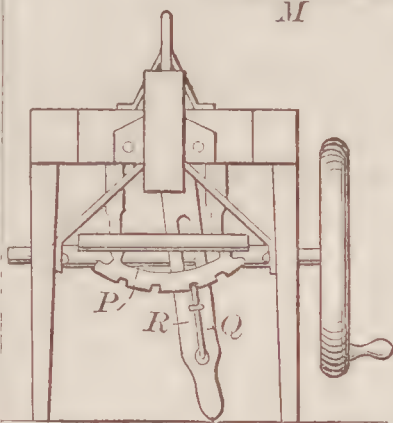
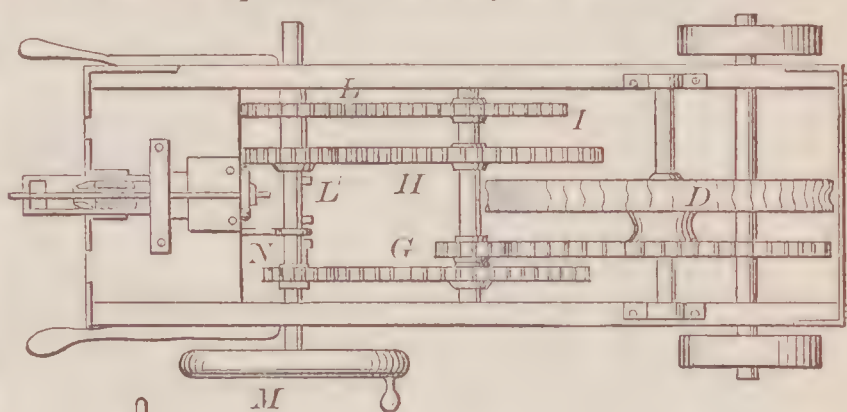
84009—S. Shirley—Wagon Wheel.



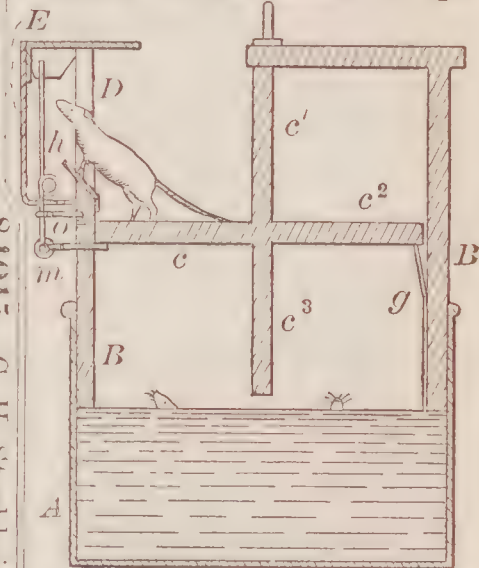
84006—J. Seibel—Harvester.



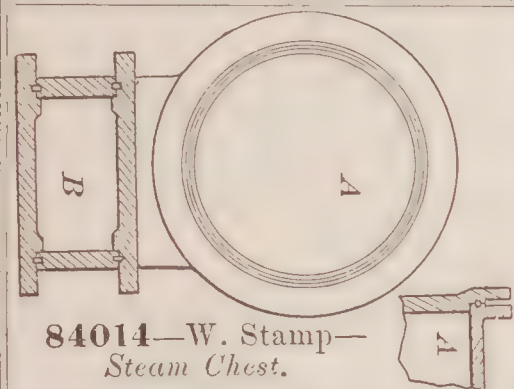
84012—E. Springer—Railway Car Mover.



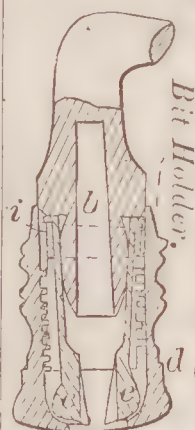
84013—W. A. Stack—Trap.



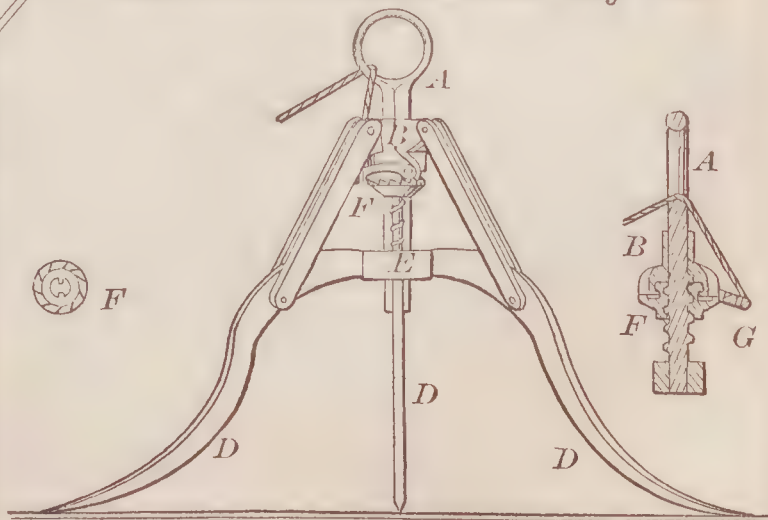
84014—W. Stamp—Steam Chest.



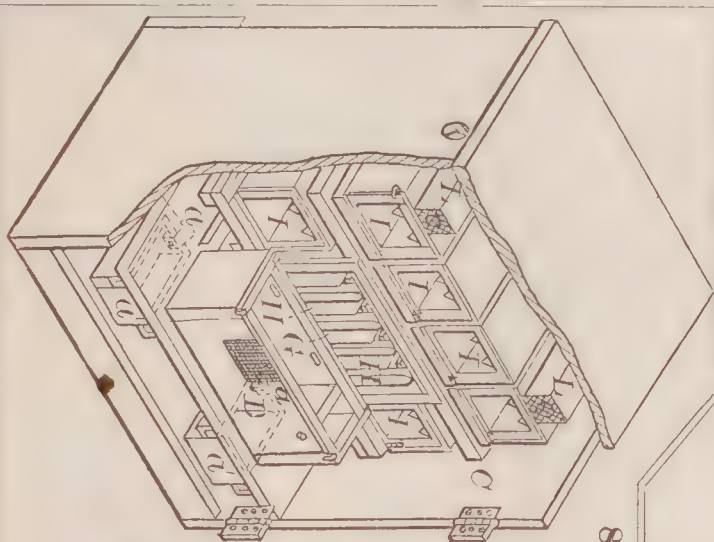
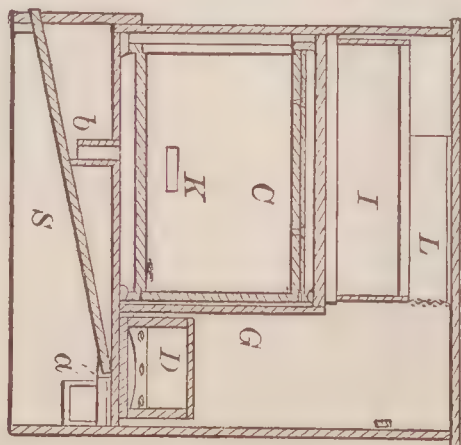
84015—C. H. Stockbridge—Bit Holder.



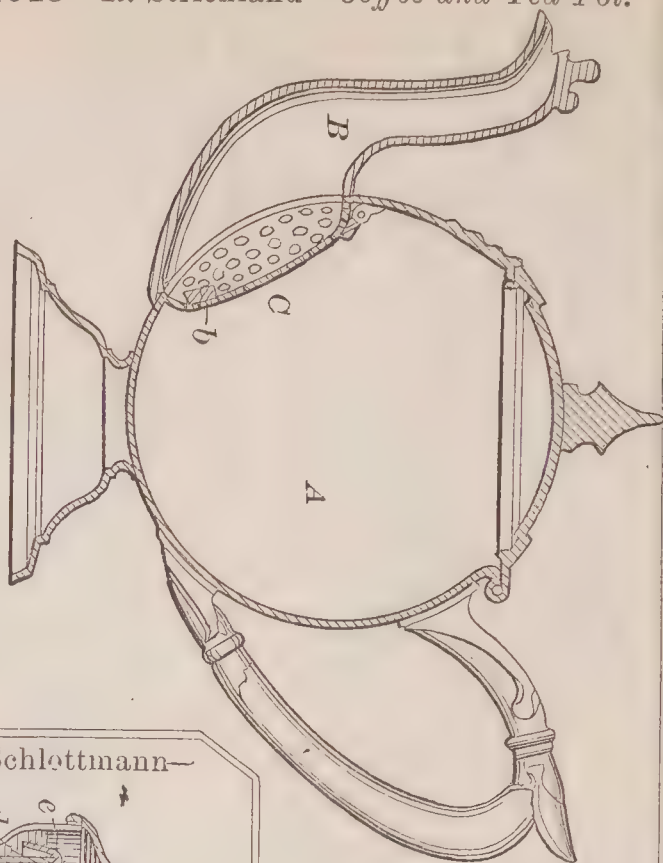
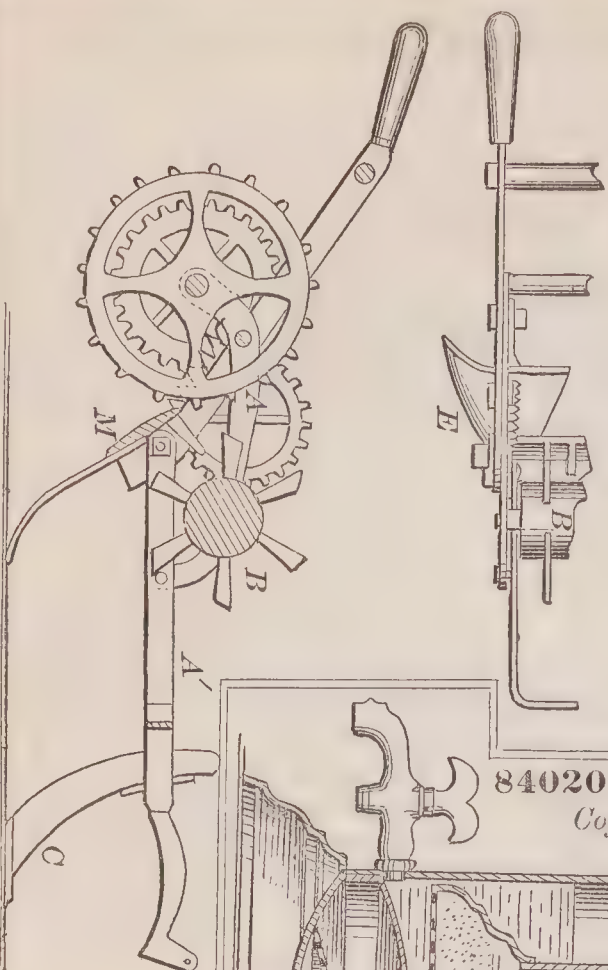
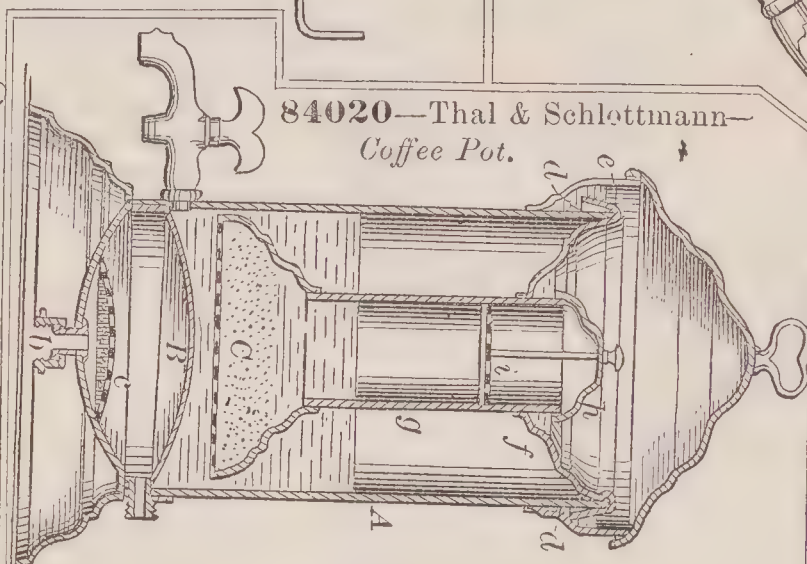
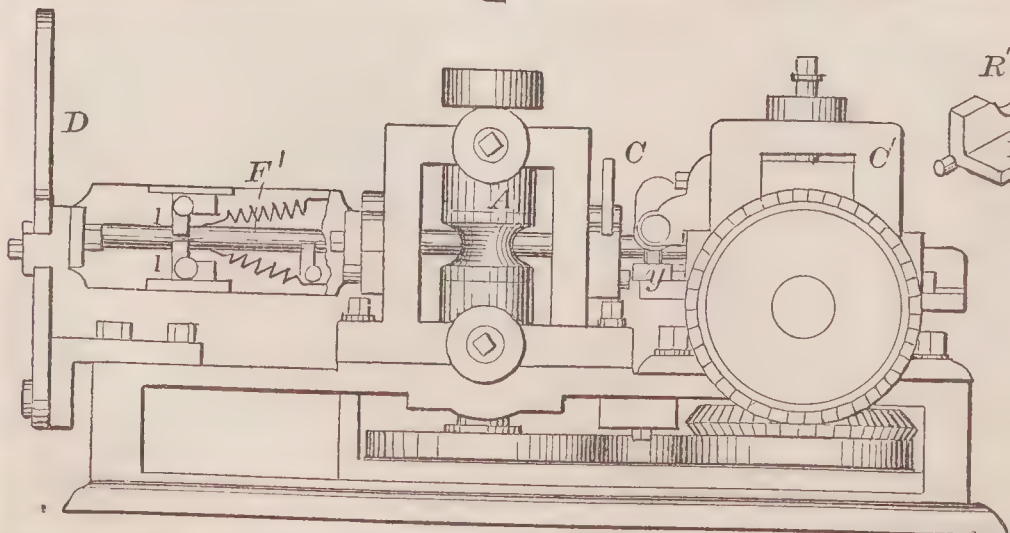
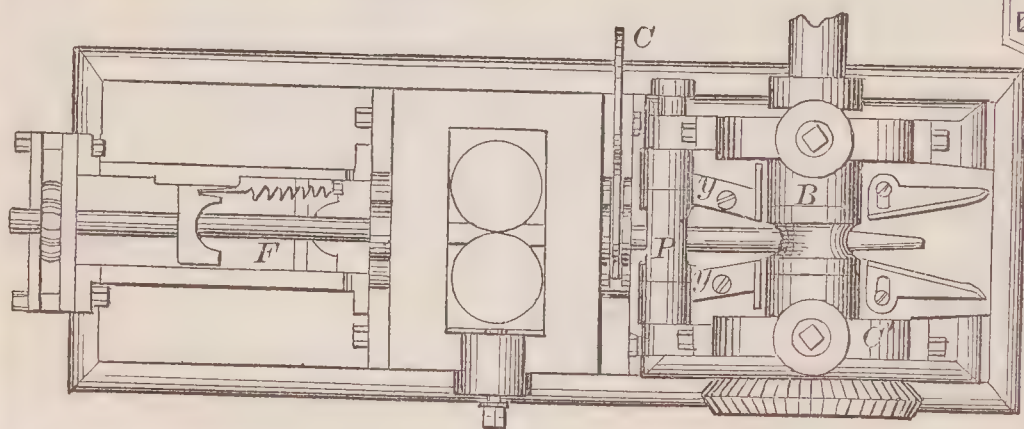
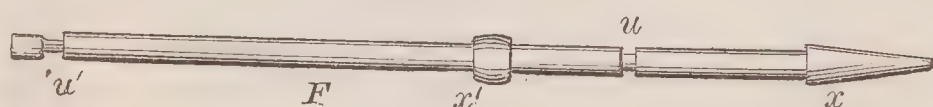
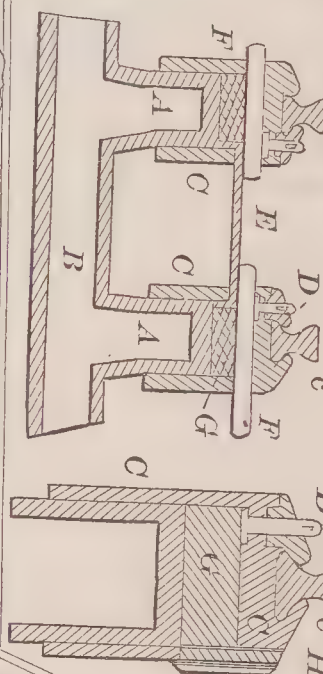
84017—O. O. Storle—Horse Hay Fork.



84010—S. Shrock—Beehive.

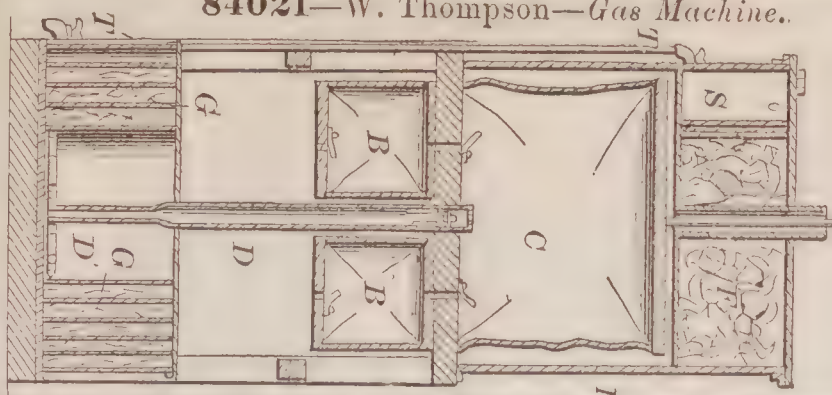




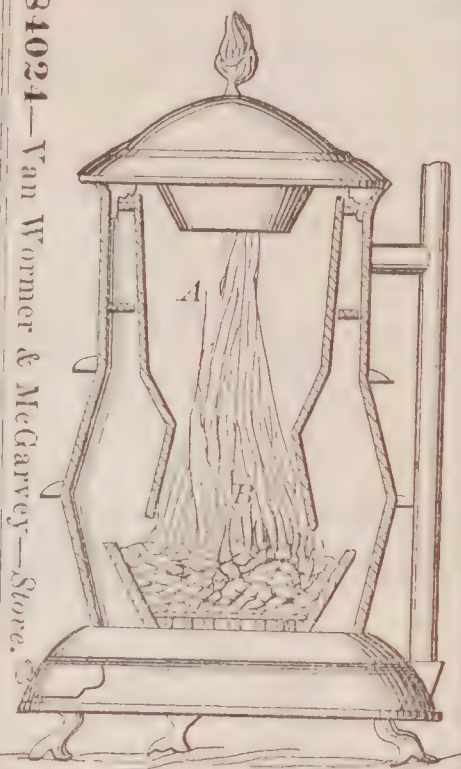
84018—R. Strickland—*Coffee and Tea Pot.*84016—A. F. Stoner—*Cultivator.*84020—Thal & Schlottmann—*Coffee Pot.*84019—J. E. Tencate—*For Welding Tubing.*84023—A. Van Gysling—*Railway Chair and Support.*84022—W. J. Towne—*Packing for Steam Engine Joints.*



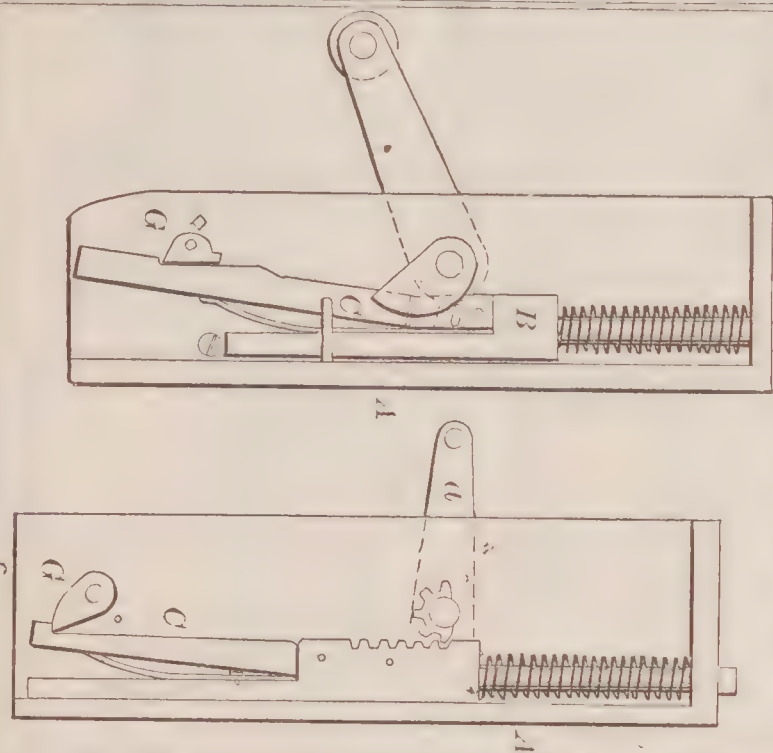
84021—W. Thompson—*Gas Machine.*



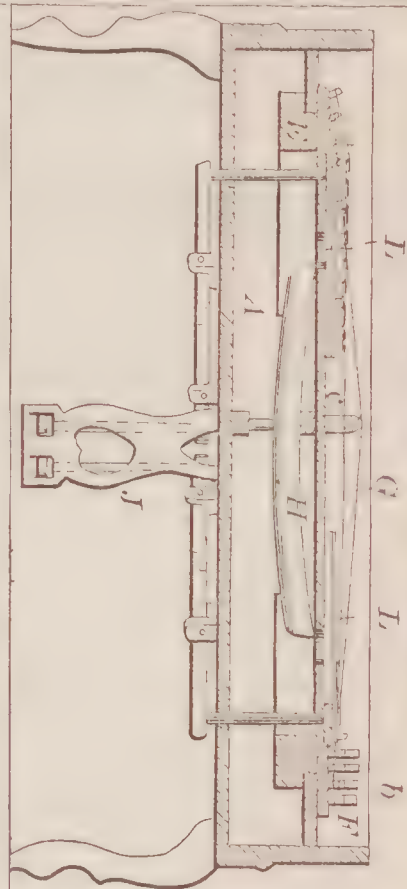
84024—Van Wormer & McGarvey—*Stove.*



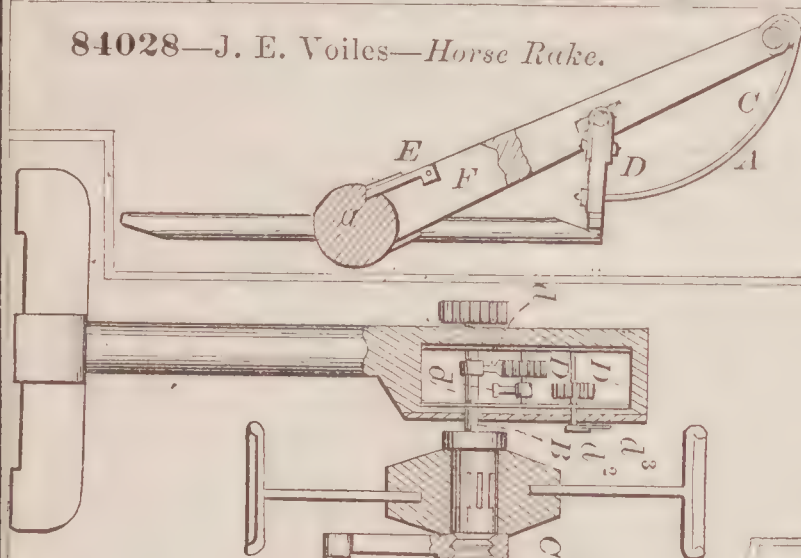
84025—F. J. Vittum—*Pegging Machine.*



84027—W. Vogel—*Musical Instrument.*

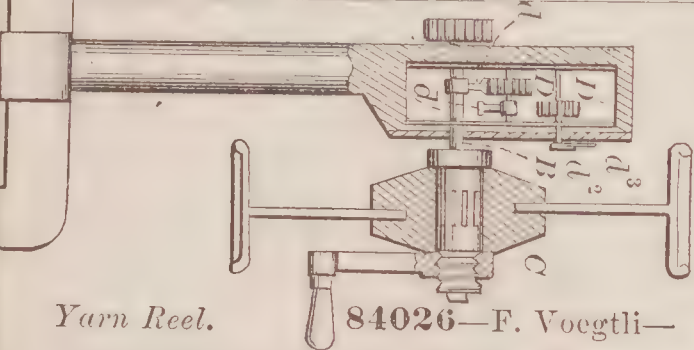


84028—J. E. Voiles—*Horse Rake.*

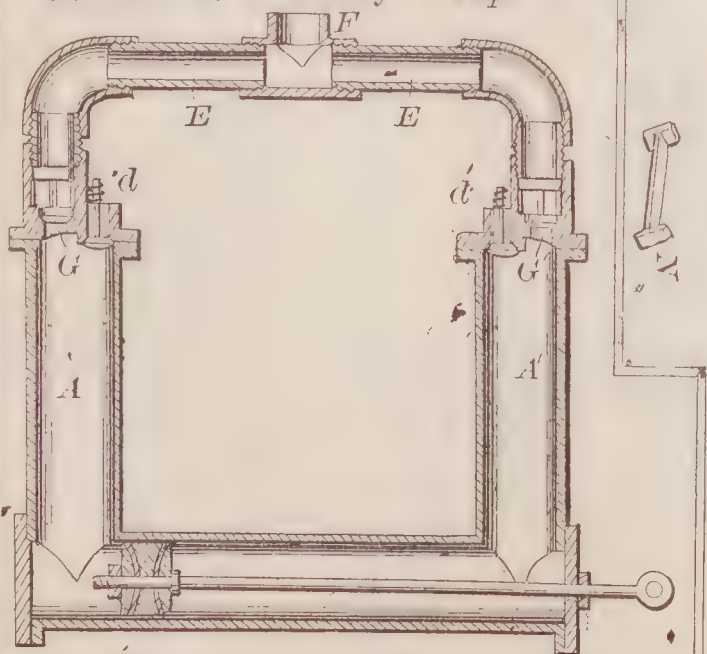


*Yarn Reel.*

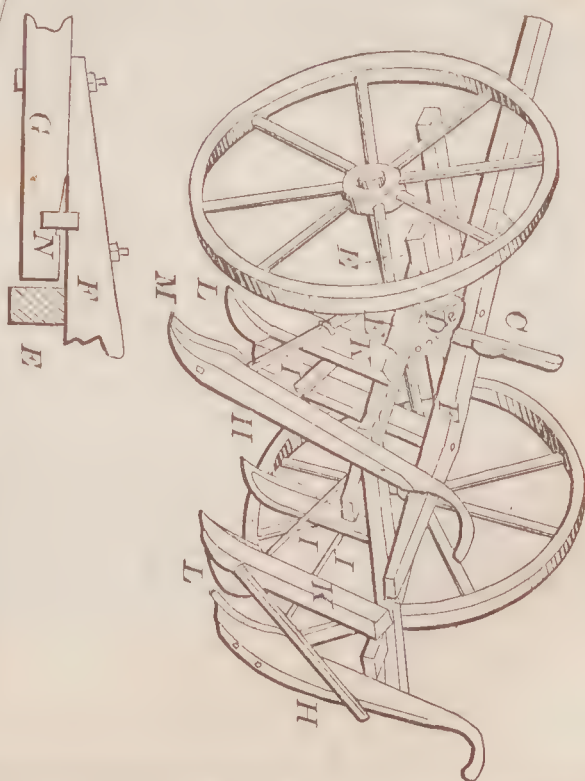
84026—F. Voegtli—



84030—C. W. Wailey—*Pump.*

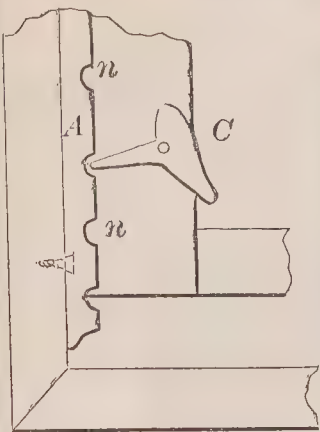


84029—J. Vowles—*Cultivator.*

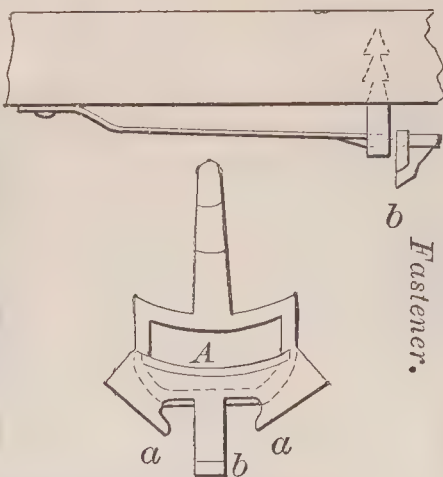




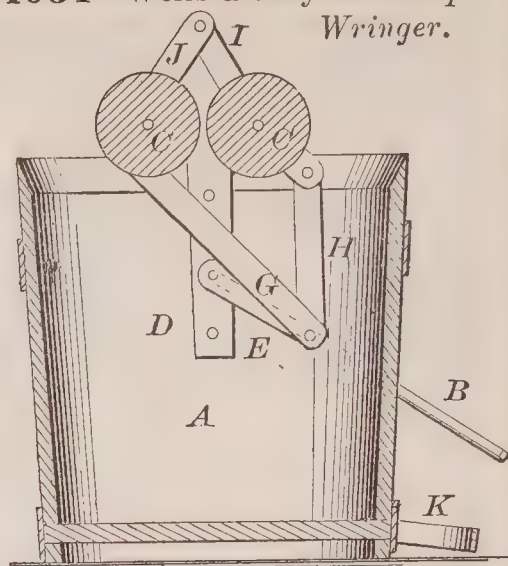
84031—F. Walker—*Sash Stop and Holder.*



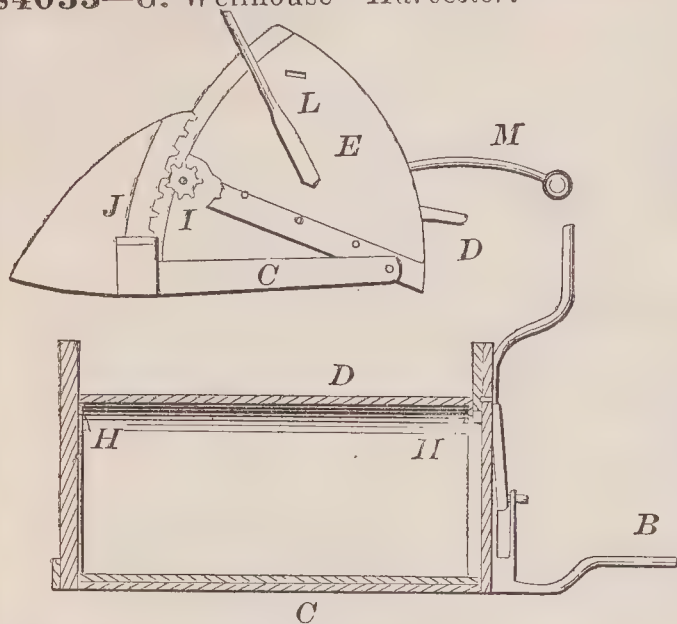
84032—B. D. Washburn—*Shutter Fastener.*



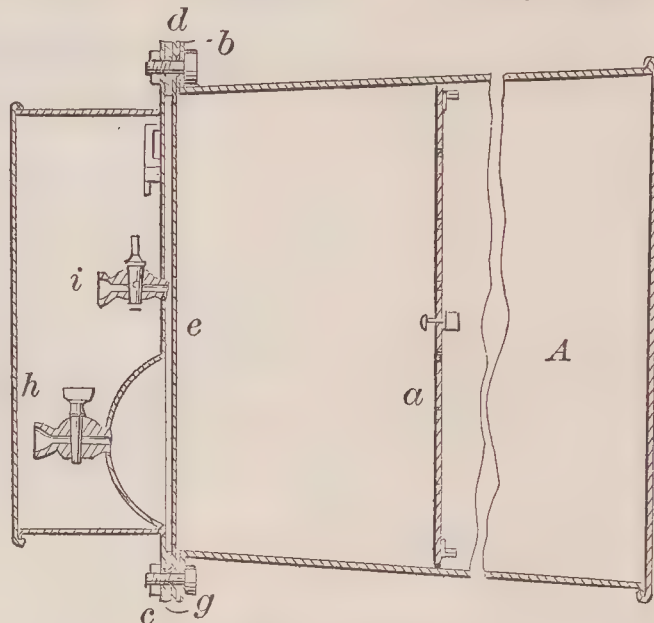
84034—Wells & Haynes—*Mop Wringer.*



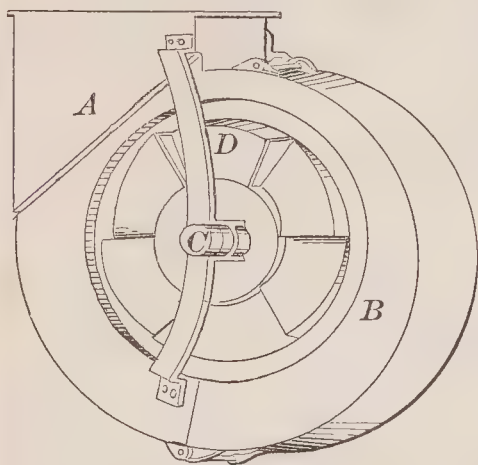
84033—G. Wellhouse—*Harvester.*



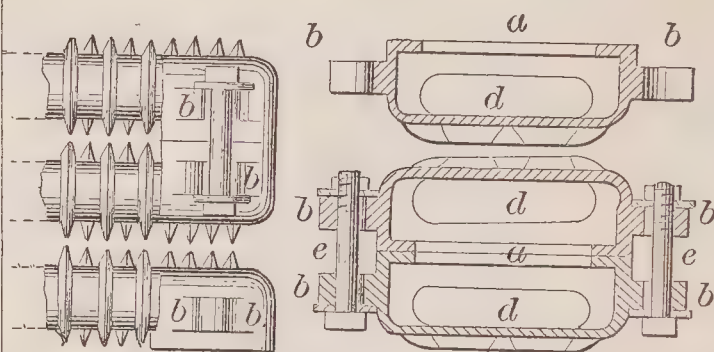
84038—W. Wiesmann—*Preserving Meat.*



84035—G. W. Wesley—*Water Wheel.*



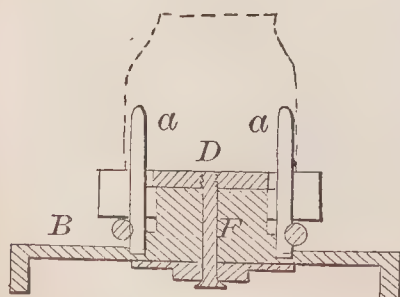
84037—C. Whittier—*Steam Radiator.*



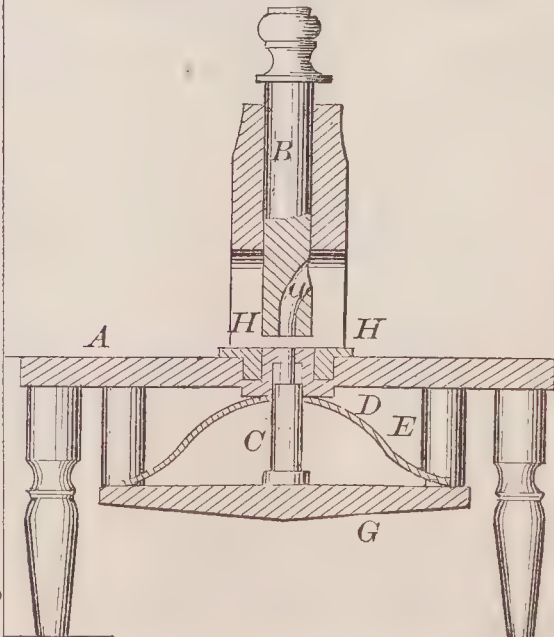
84036—A. Wetherbee—*Billiard Cue Tip.*



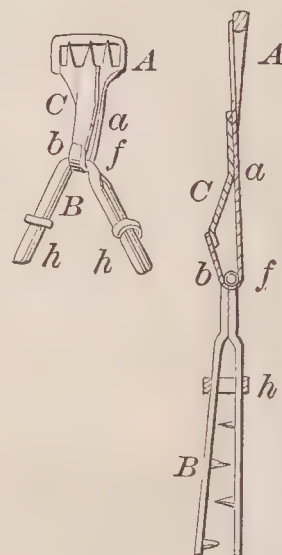
84040—S. R. Wilmot—*For Sizing Glass Cylinders.*



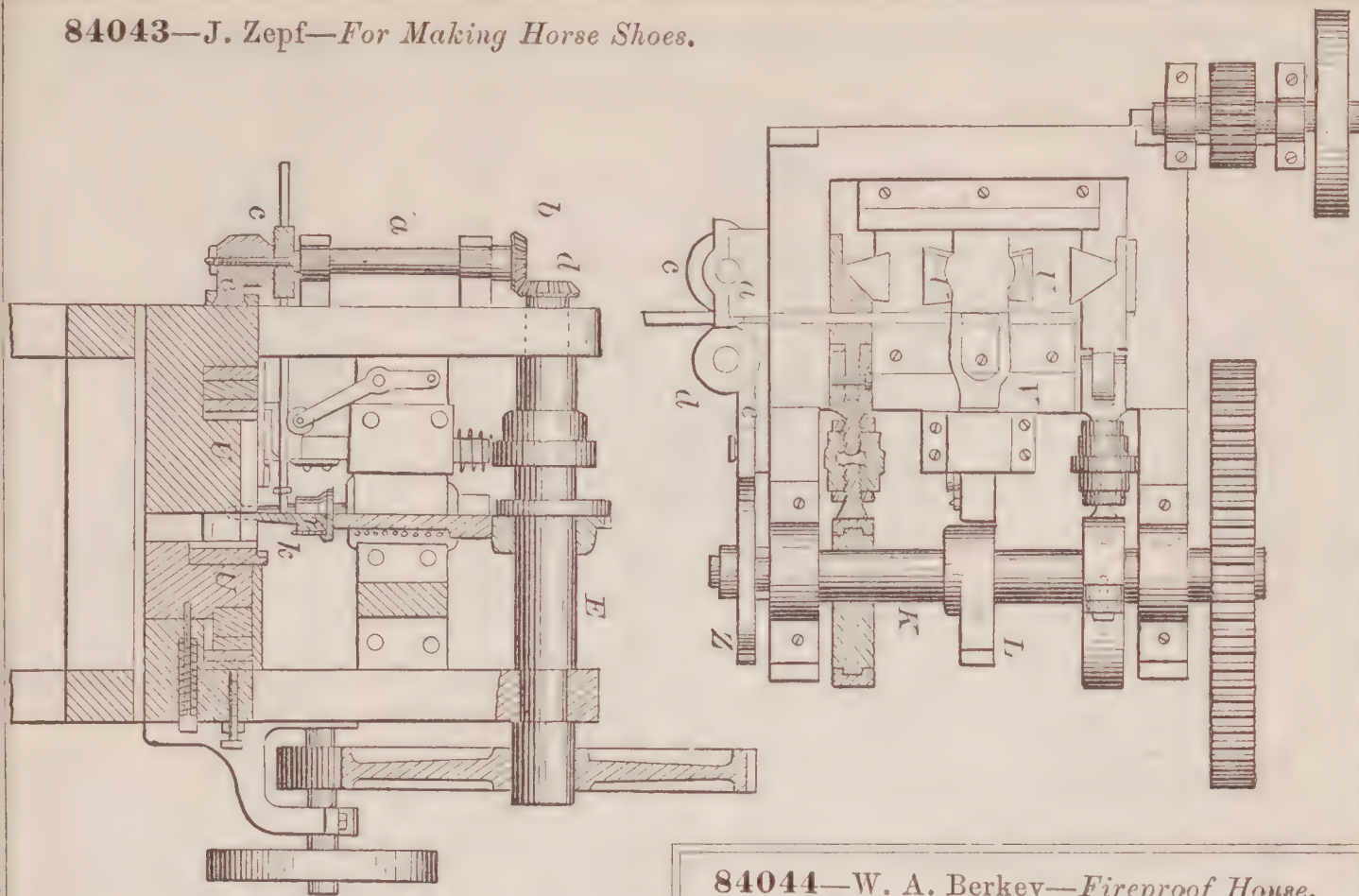
84039—G. C. Wilder—*Punch.*



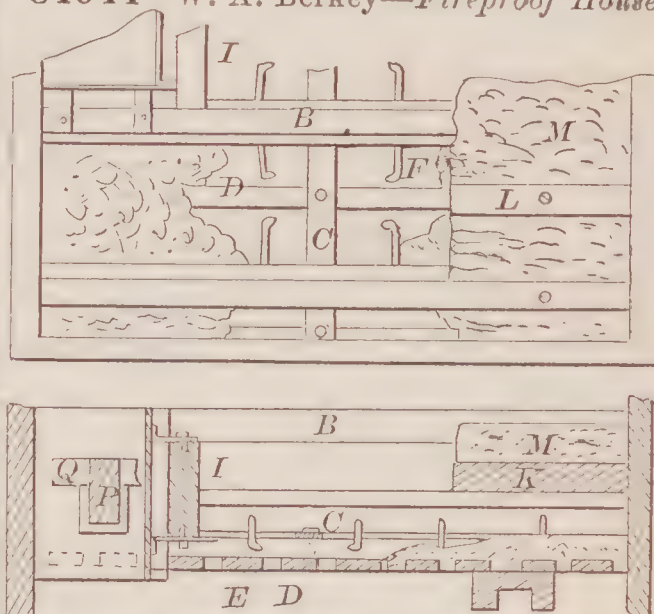
84042—W. Wright—*Suspender Fastening.*



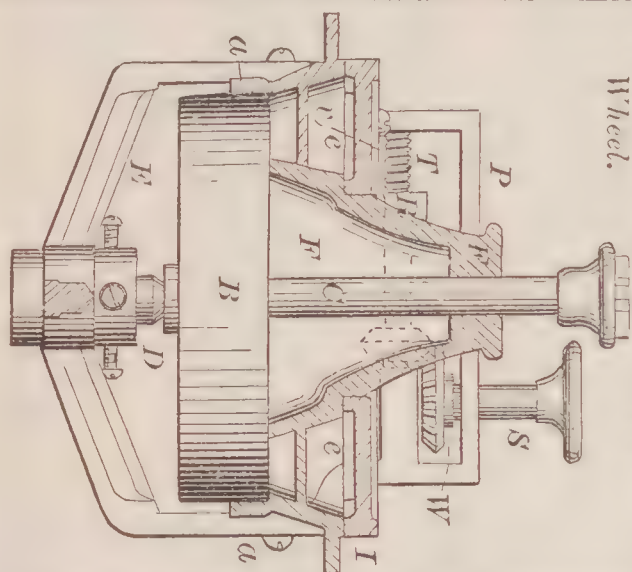
84043—J. Zepf—*For Making Horse Shoes.*



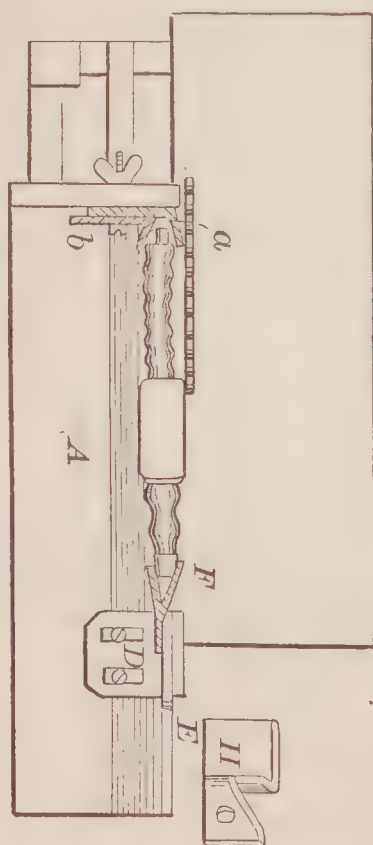
84044—W. A. Berkey—*Fireproof House.*



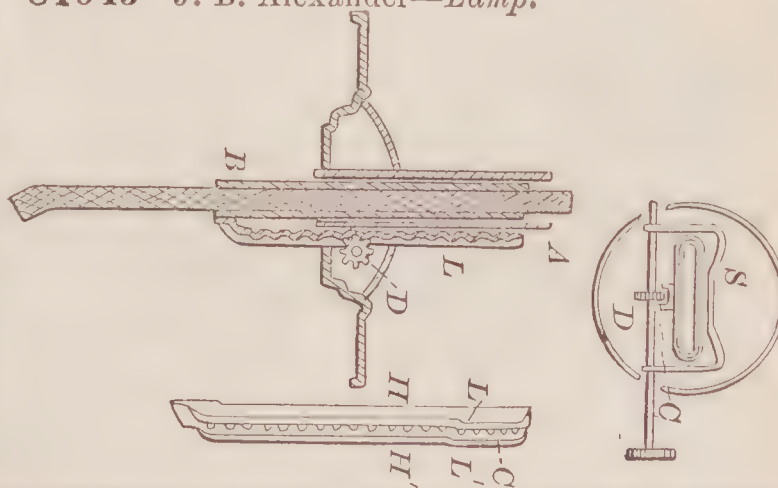
84047—Bodine & Mill—Water  
Wheel.



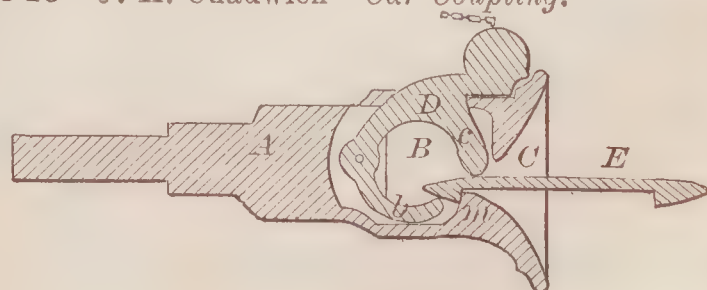
84046—Black & Gaffney—*Device for Saw Carriages.*



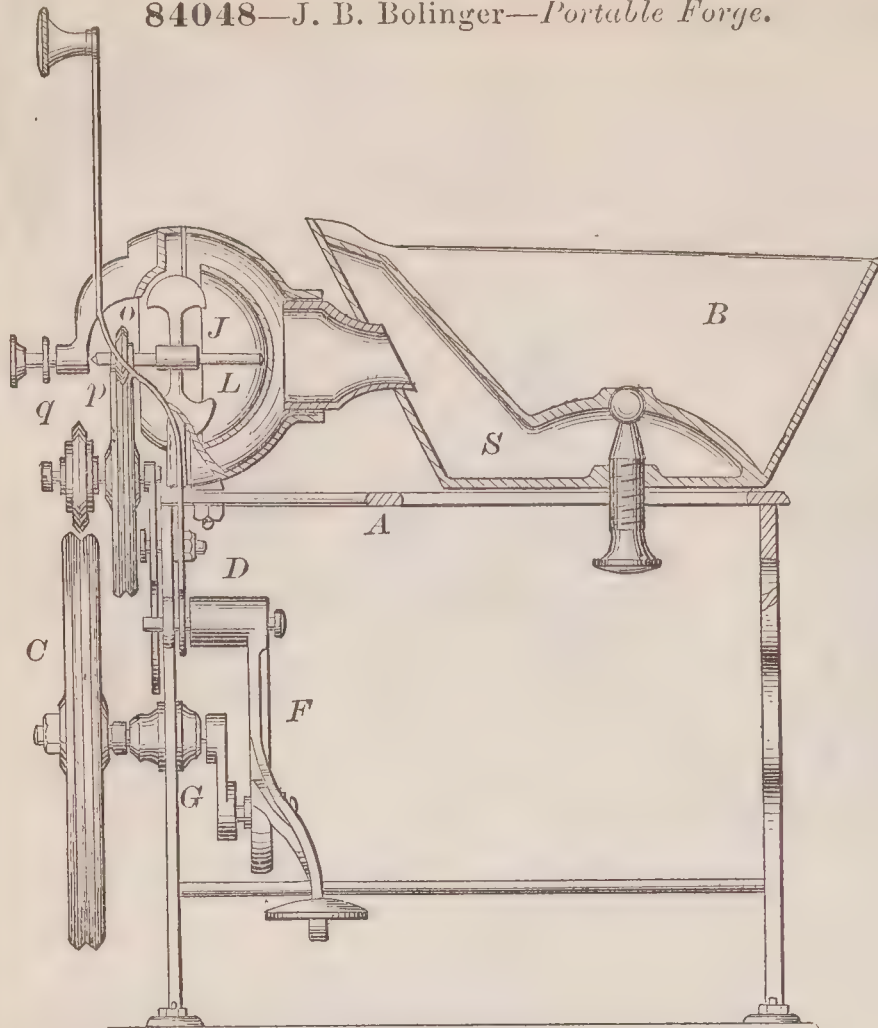
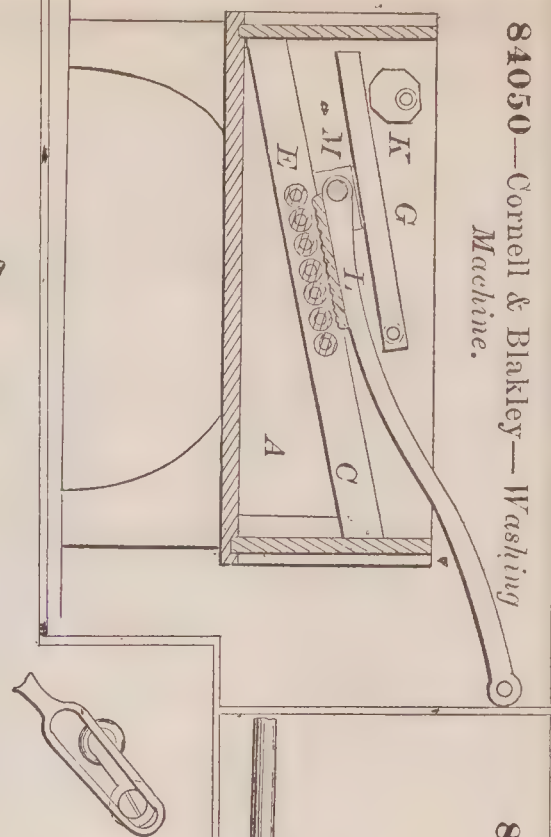
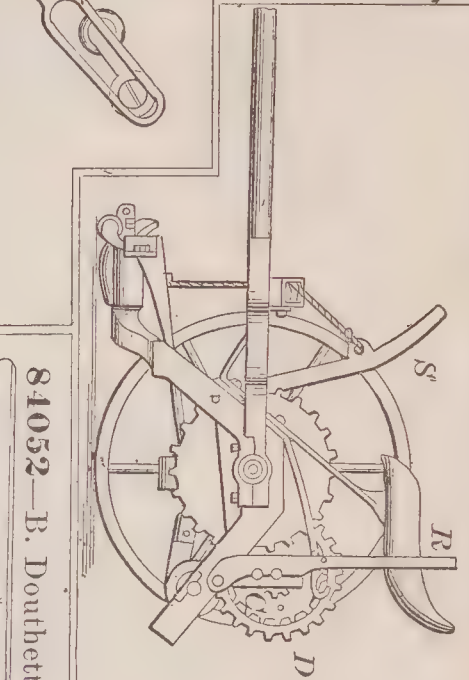
84045—J. B. Alexander—*Lamp.*



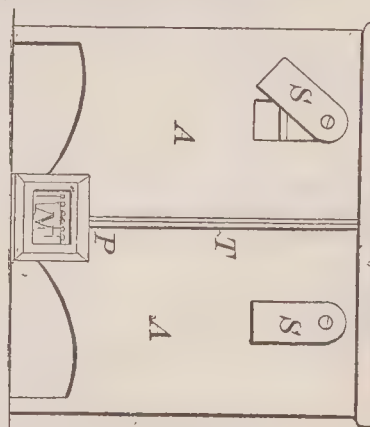
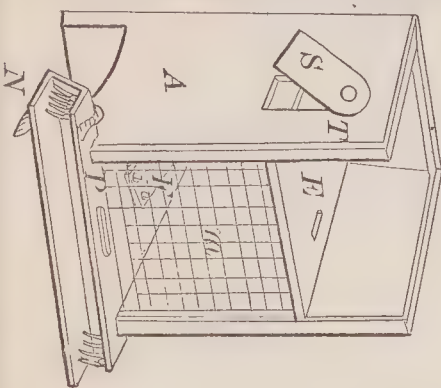
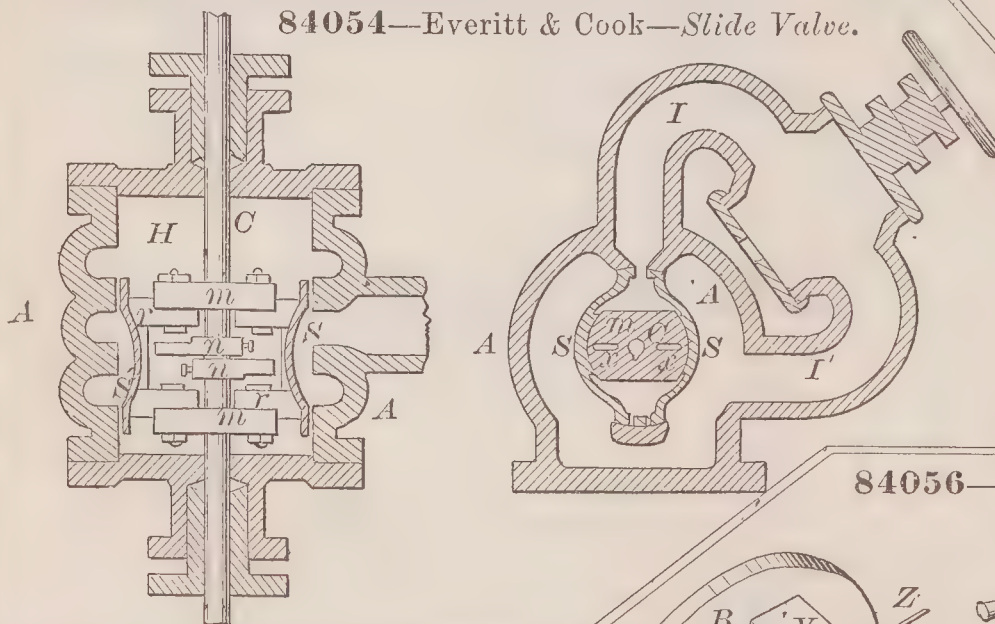
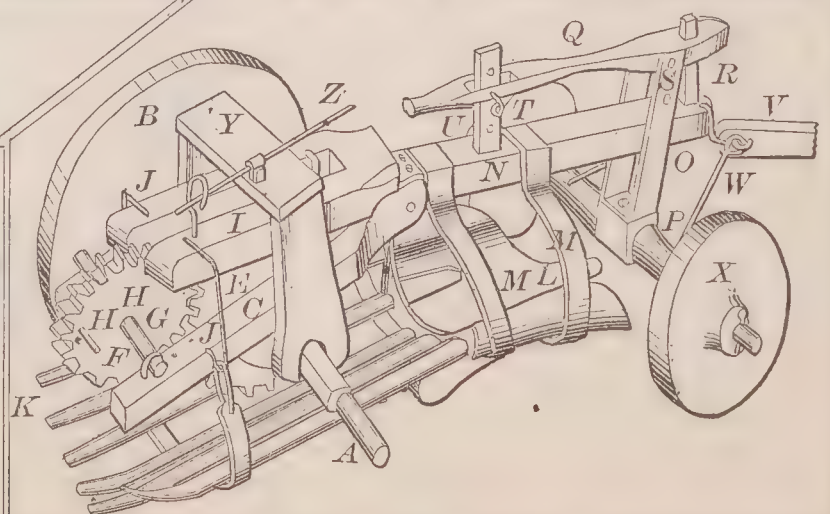
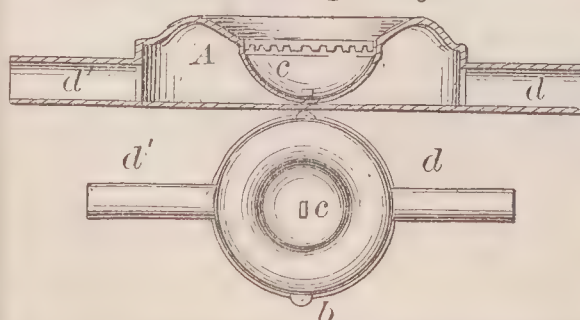
84049—J. H. Chadwick—*Car Coupling.*





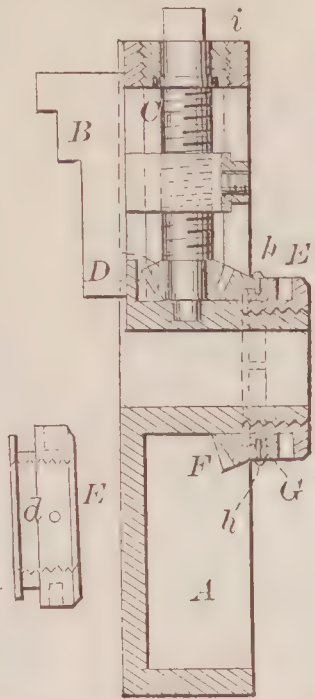
84048—J. B. Bolinger—*Portable Forge.*84050—Cornell & Blakley—*Washing Machine.*84051—A. G. Donnelly—*Harvester.*

84052—B. Douthett—

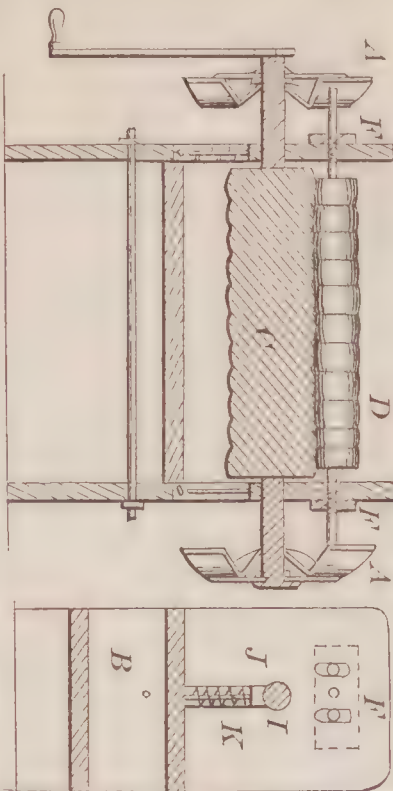
*Beehive.*84054—Everitt & Cook—*Slide Valve.*84056—H. France—*Potato Digger.*84059—A. Herbig—*Tuyere.*



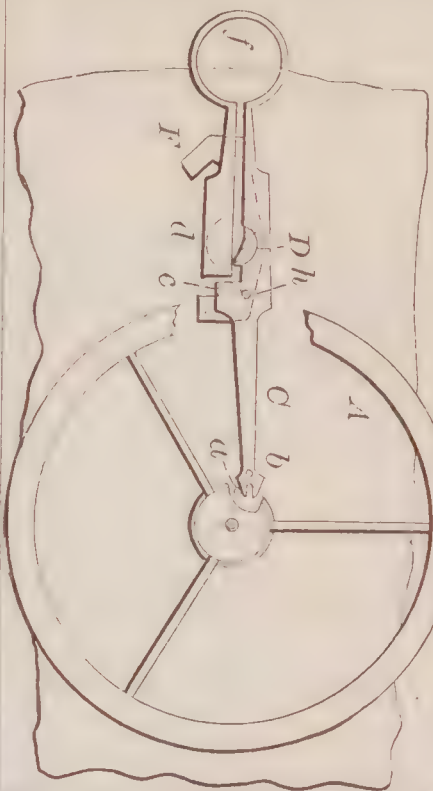
84057—C. F. Hadley—  
Chuck.



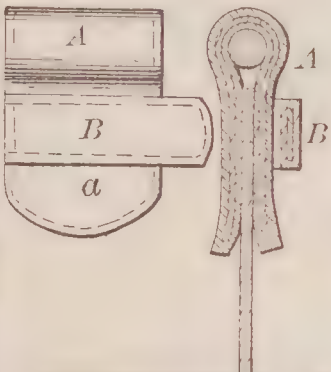
84058—M. S. Harsha—Washing Machine.



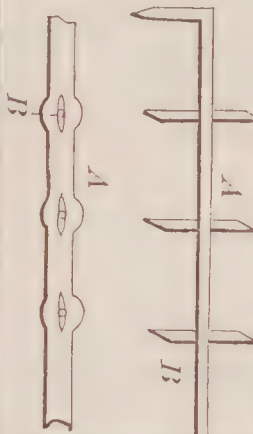
84060—Hietel & Geissler—Watch Escapement.



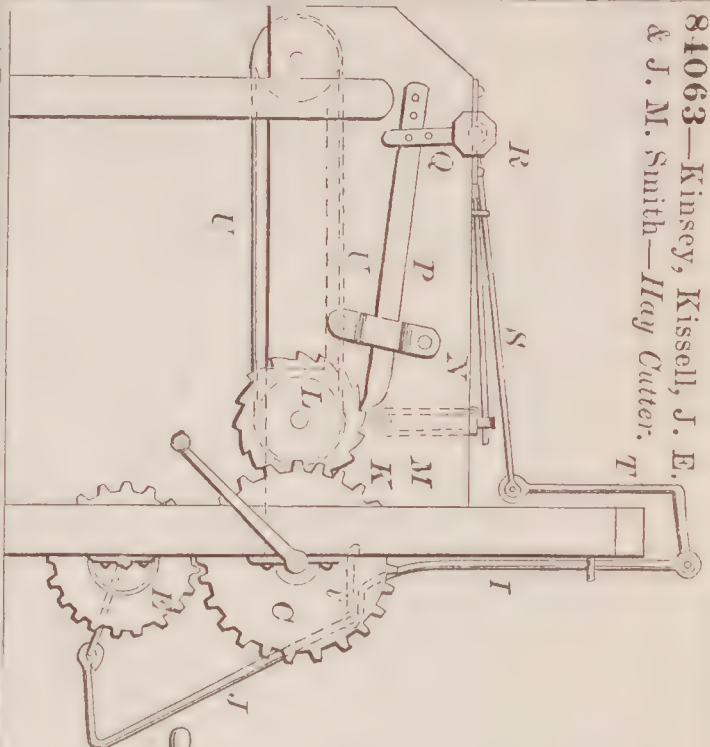
84061—I. Hull—  
Rein Holder.



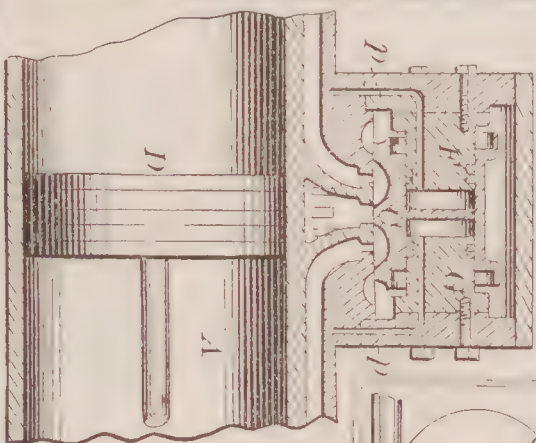
84062—M. Kelly—Fence.



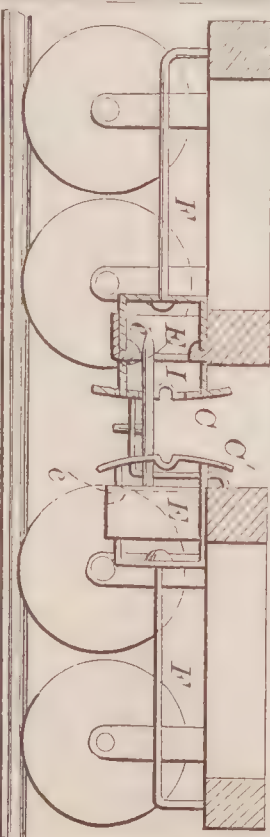
84063—Kinsey, Kissell, J. E.,  
& J. M. Smith—Hay Cutter.



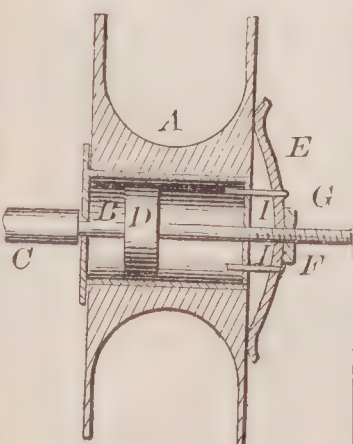
84064—Lee & Wren—  
Steam Engine Valve.



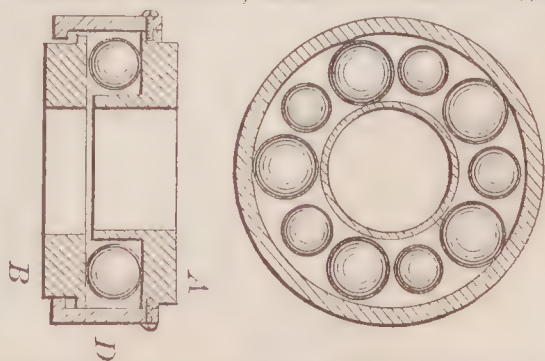
84066—Osman & Potter—Car Coupling.



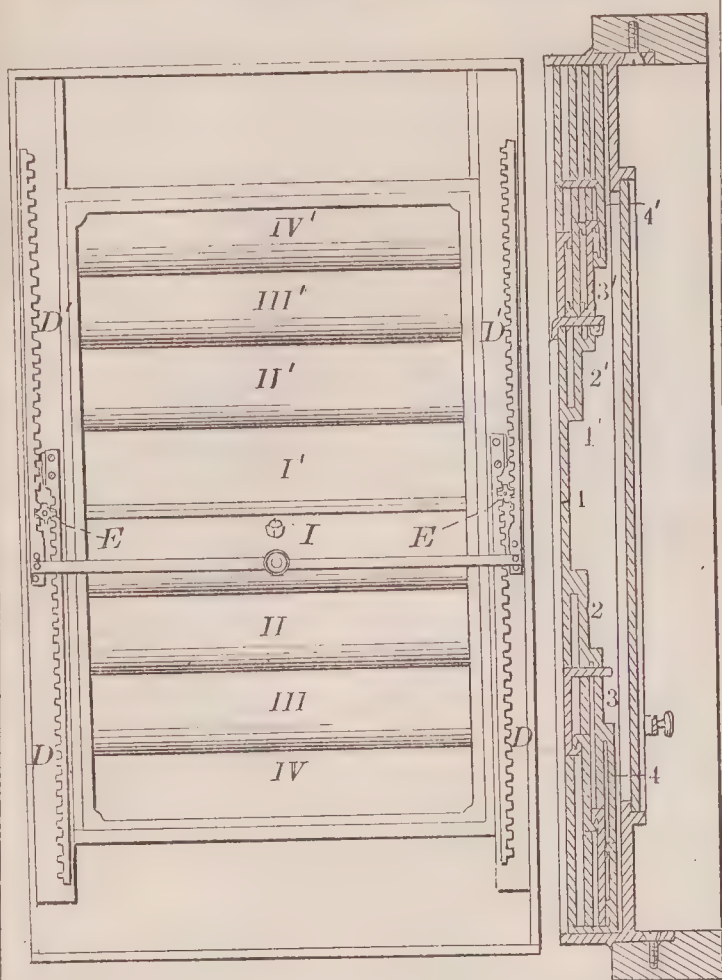
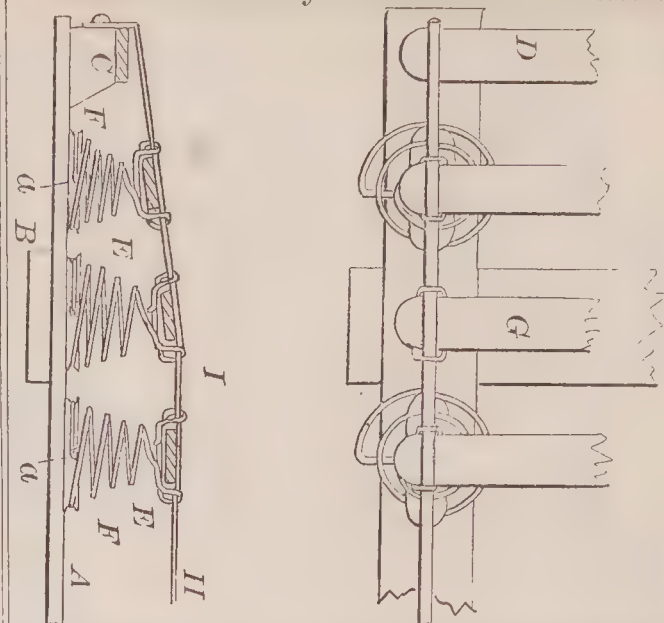
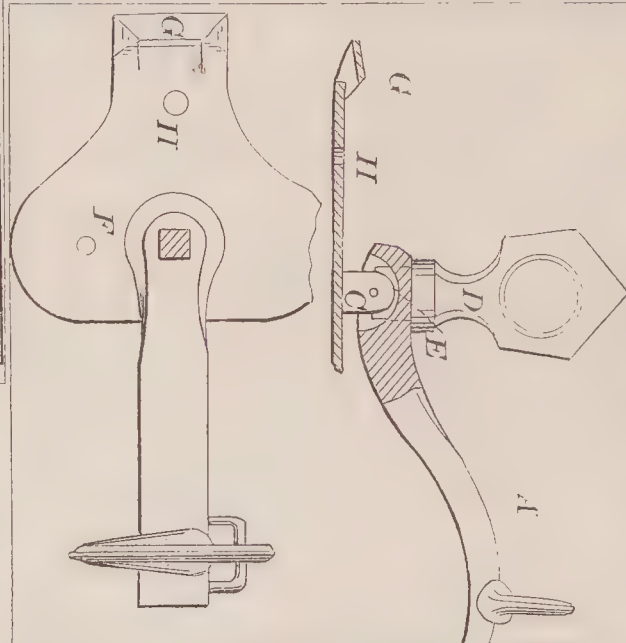
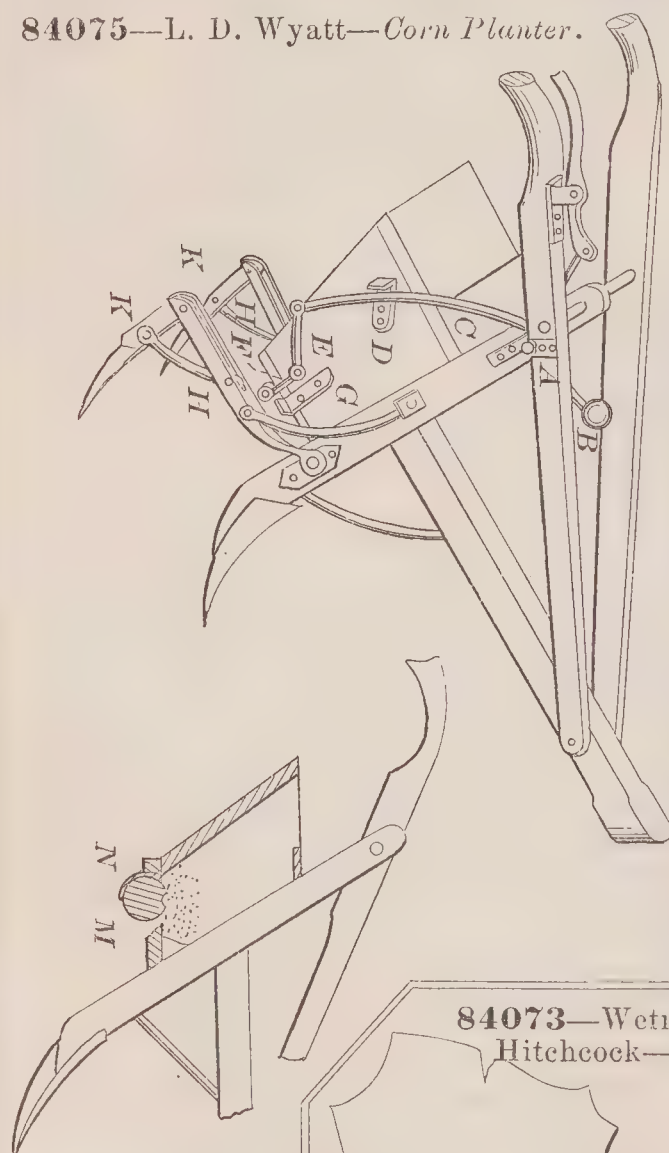
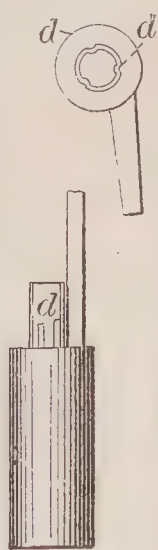
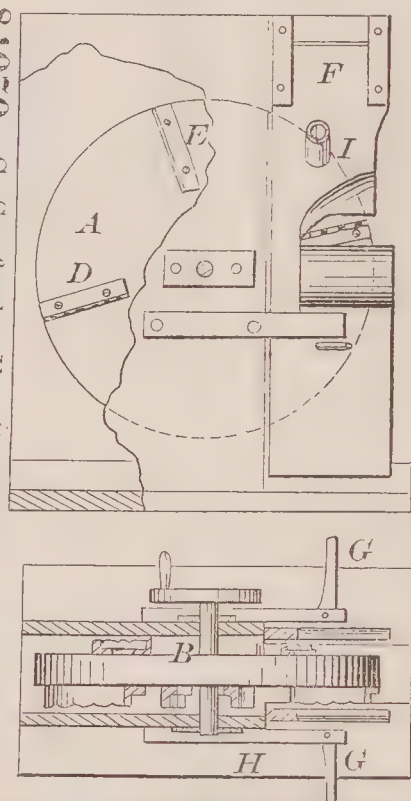
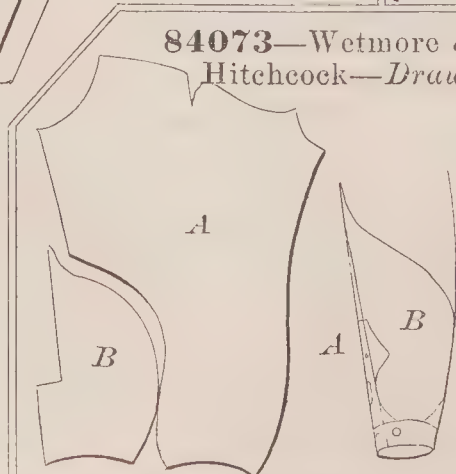
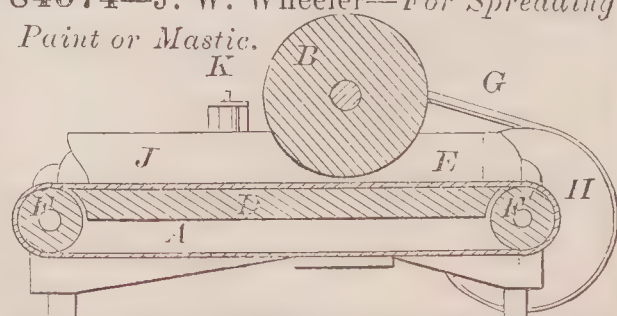
84065—S. D. Locke—  
Grain Binder.



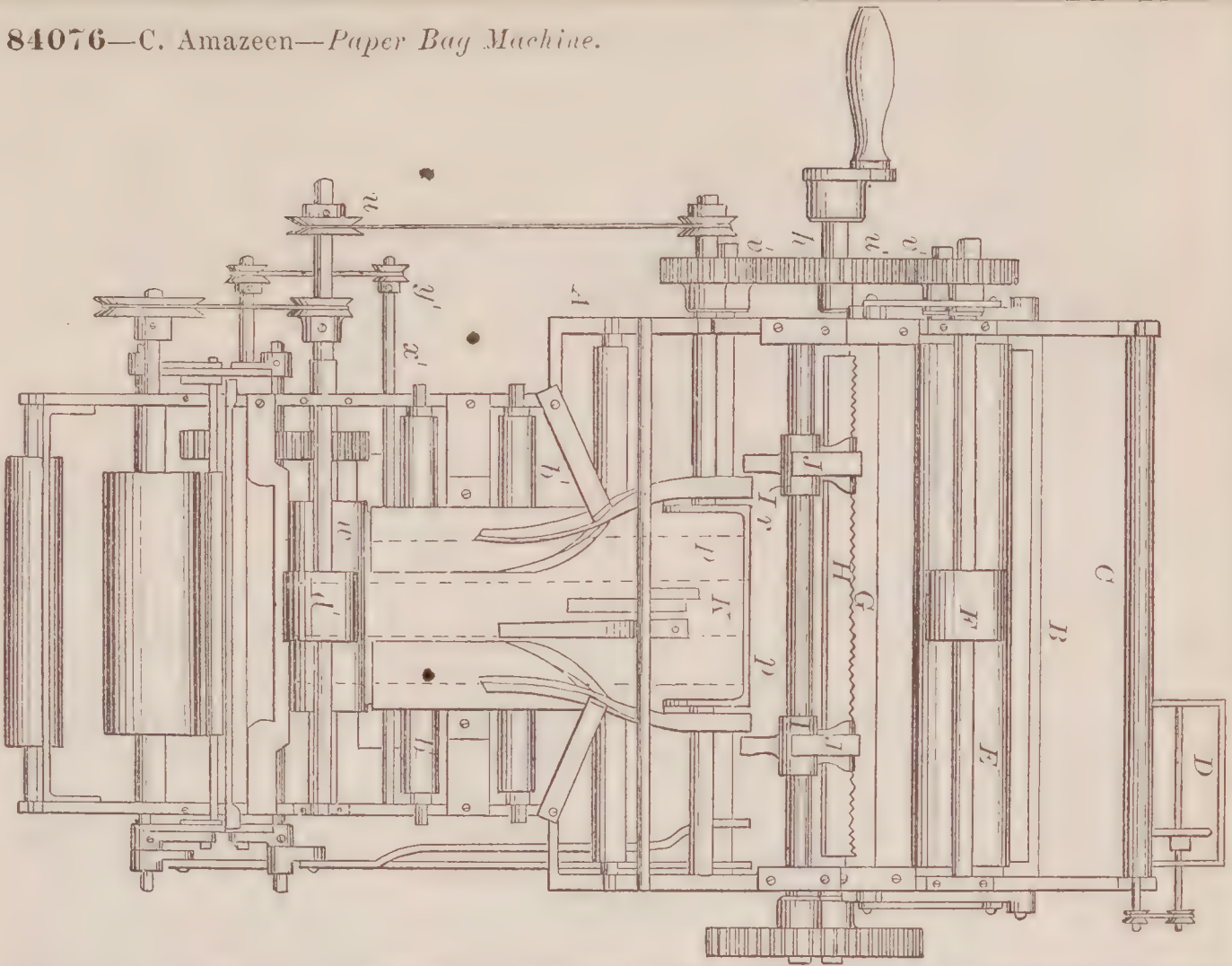
84067—Reed, Lake & Sisson—Washer.



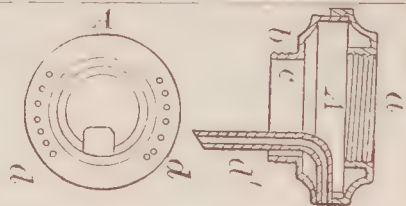
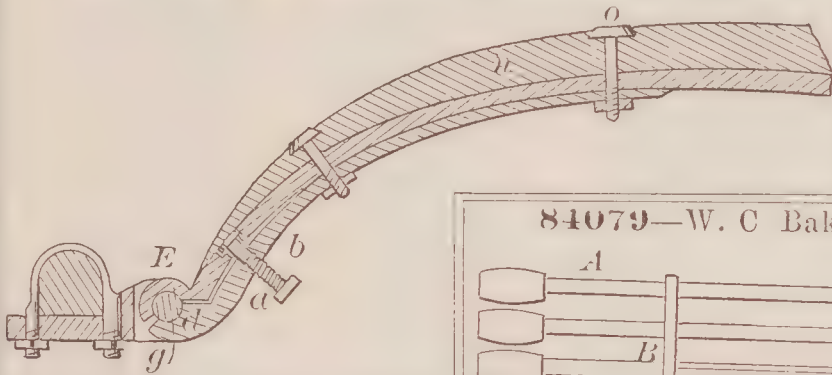


84068—F. A. Reiher—*Window Shutter.*84069—Reneky & Kiess—*Bed Bottom.*84071—Sharp & Shannon—*Harness Tree Pad.*84075—L. D. Wyatt—*Corn Planter.*84072—A. Shepard—*Venting Metallic Cores.*84070—G. Sanford—*For Separating the Pulp from Fibrous Substances.*84073—Wetmore & Hitchcock—*Drawers.*84074—J. W. Wheeler—*For Spreading Paint or Mastic.*

84076—C. Amazeen—*Paper Bag Machine.*

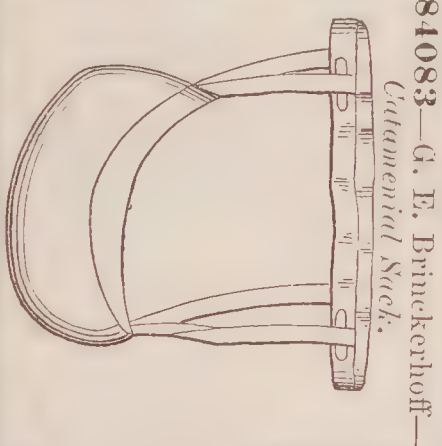
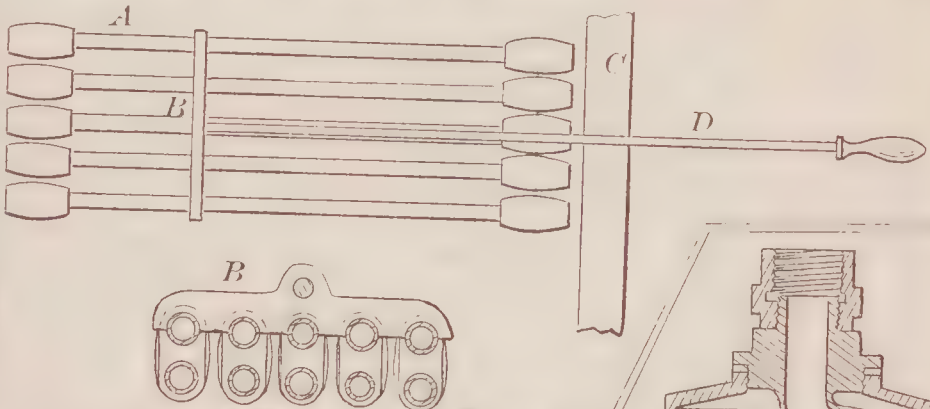


84077—W. W. Anderson—*Thill Coupling.*



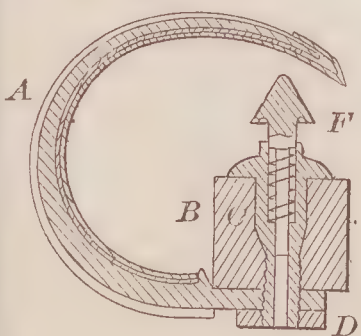
84078—C. Applebee—*Lamp.*

84079—W. C. Baker—*Boiler Flue Cleaner.*



84083—G. E. Brinckerhoff—*Catamenial Sack.*

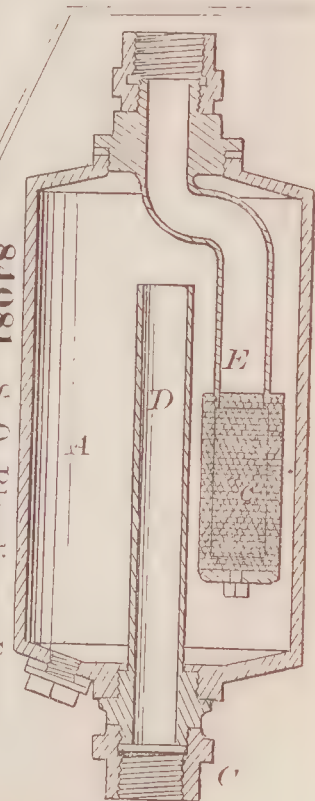
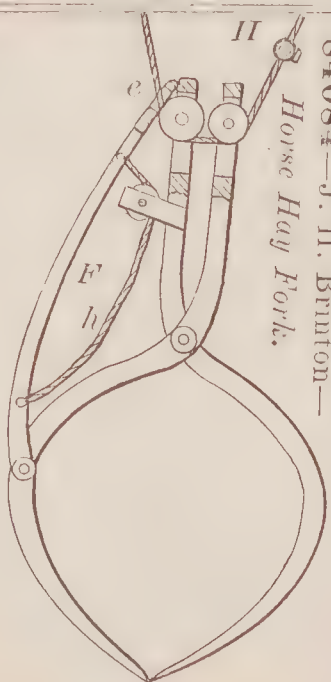
84080—C. H. Bassett—*Harness Check Hook.*



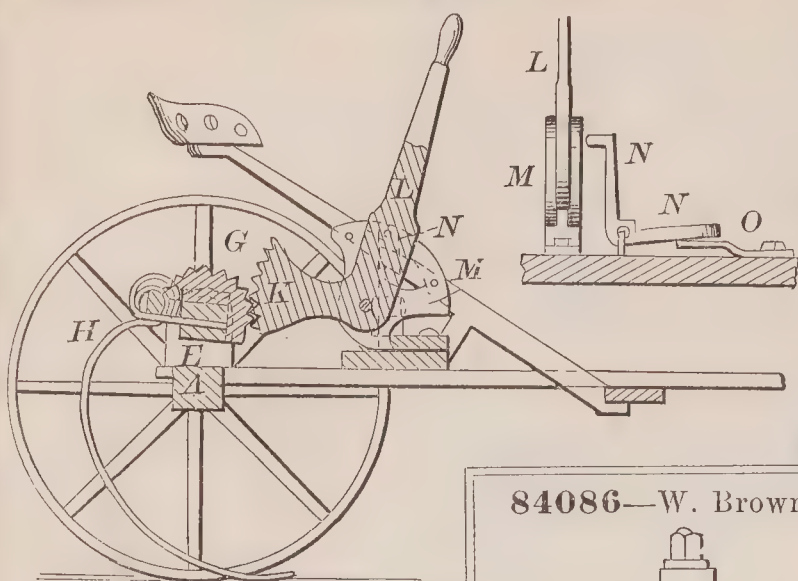
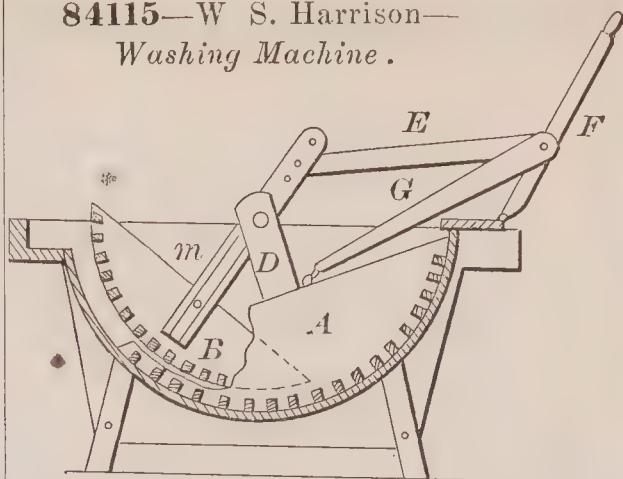
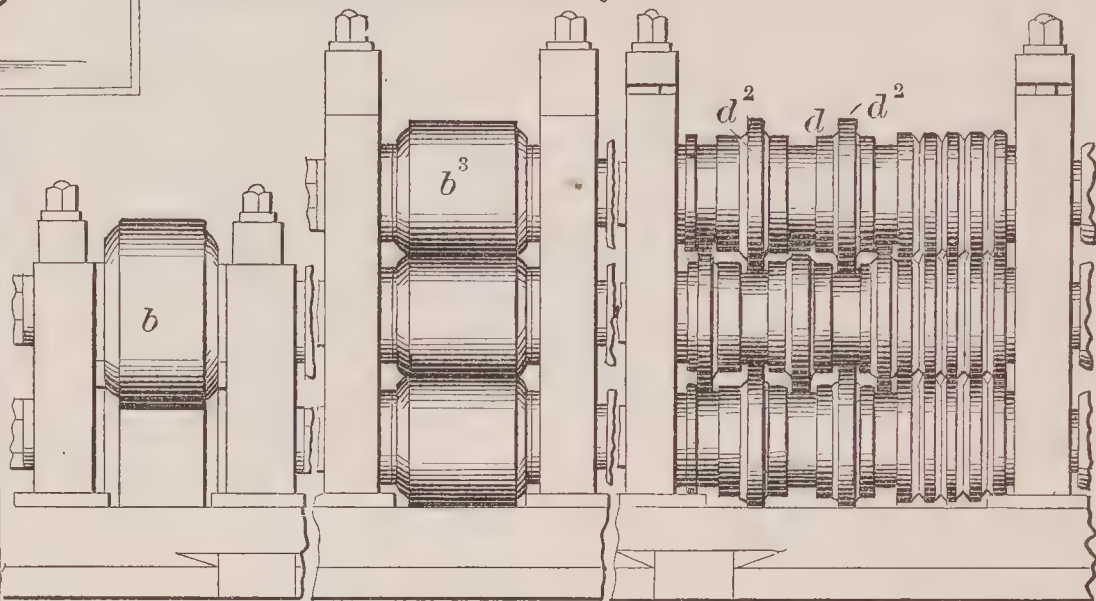
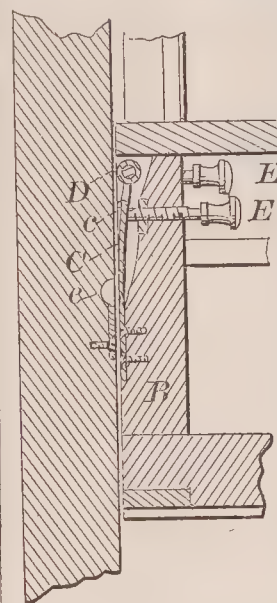
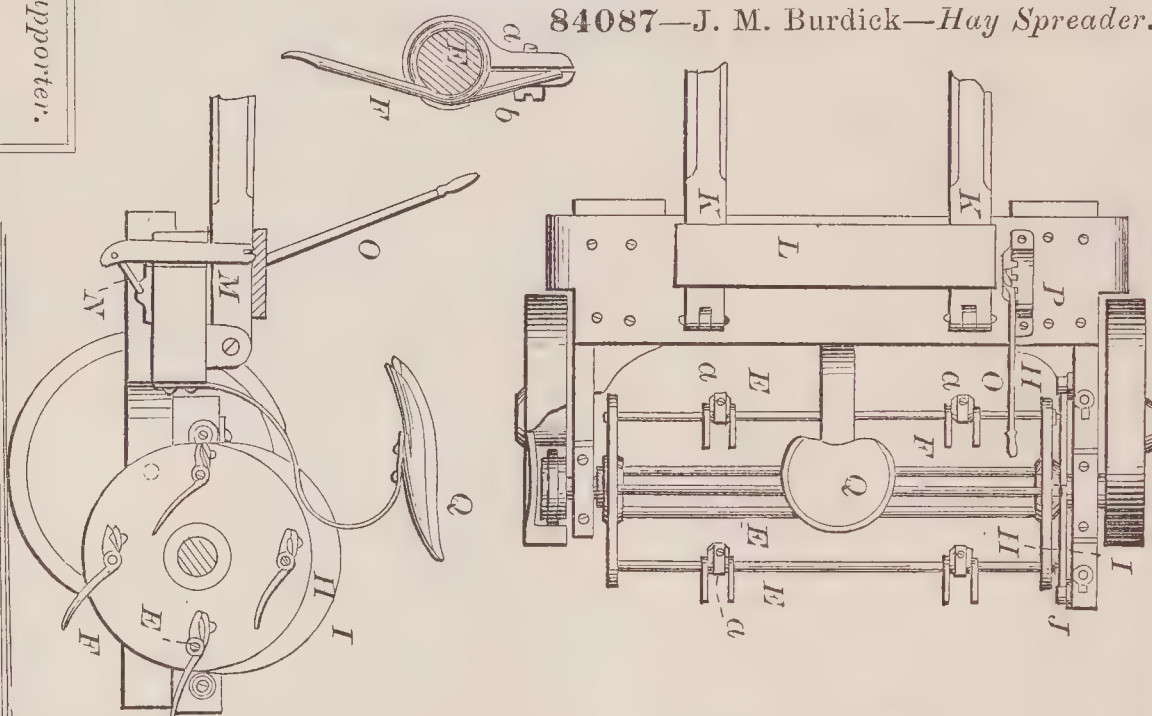
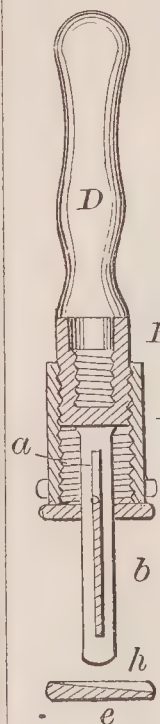
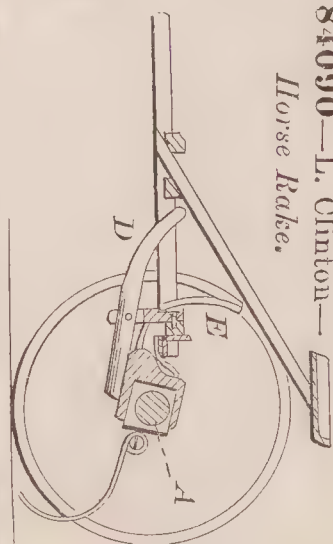
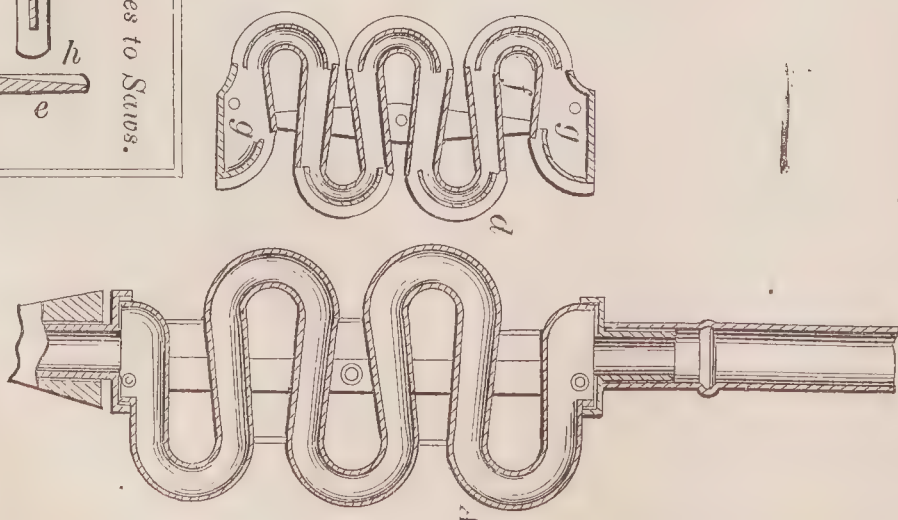
84082—A. R. Boylson—*Waist Belt.*



84081—S. O. Blanding—*Pump.*  
84084—J. H. Brinton—*Horse Hay Fork.*

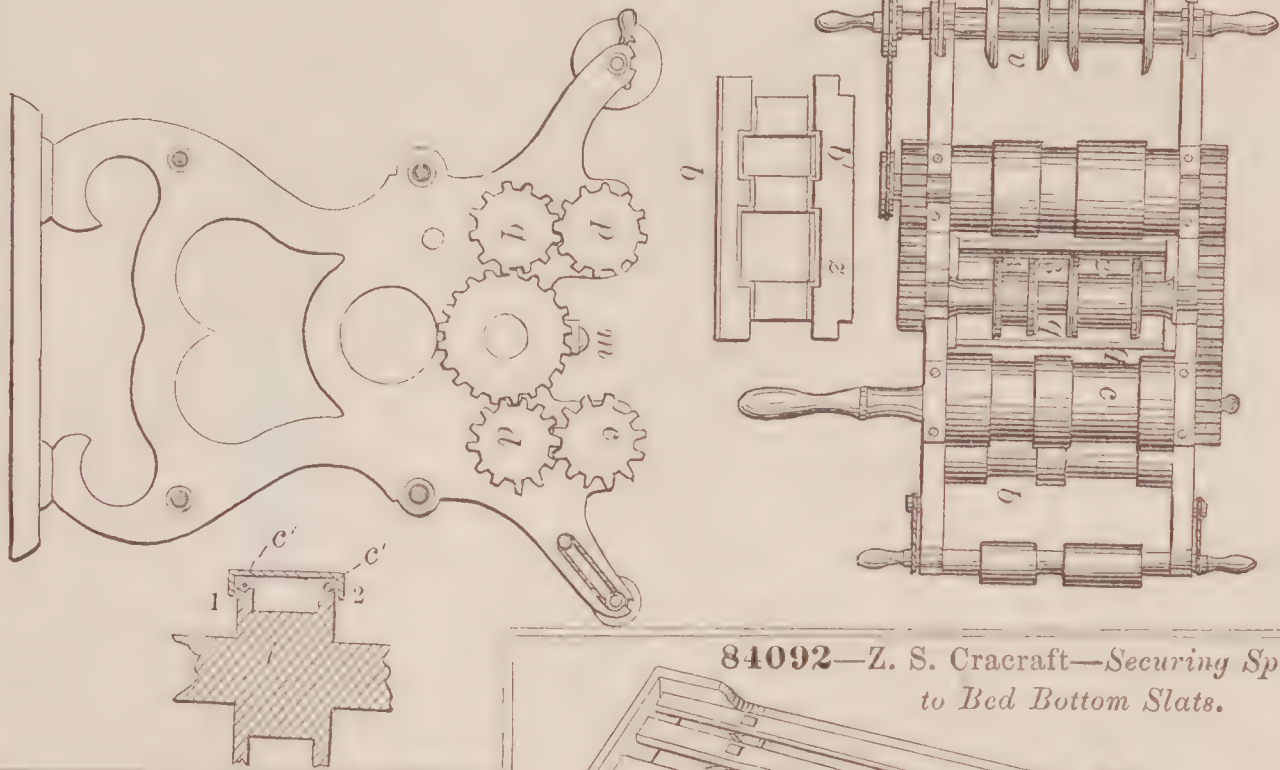




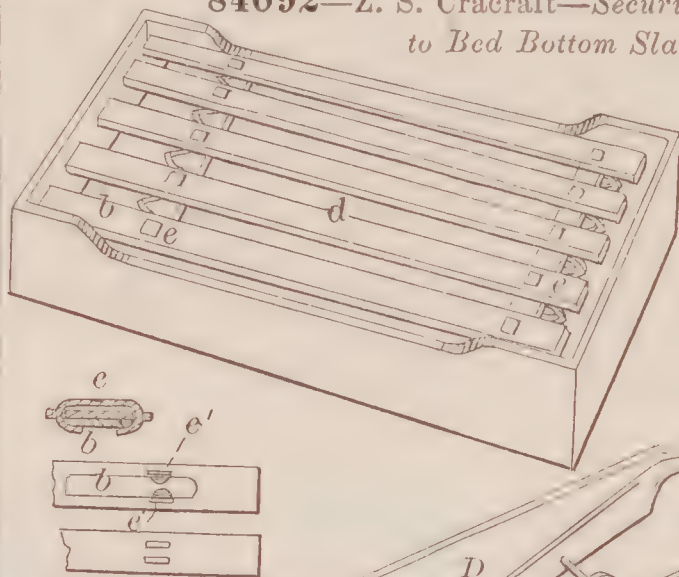
84085—H. L. Brown—*Horse Rake.*84115—W. S. Harrison—*Washing Machine.*84086—W. Brown—*Rolling Mill.*84088—R. M. Campbell—*Sash Supporter.*84087—J. M. Burdick—*Hay Spreader.*84095—S. Diston—*Attaching Handles to Saws.*84090—L. Clinton—*Horse Rake.*84089—W. B. Choate—*Heat Radiator.*



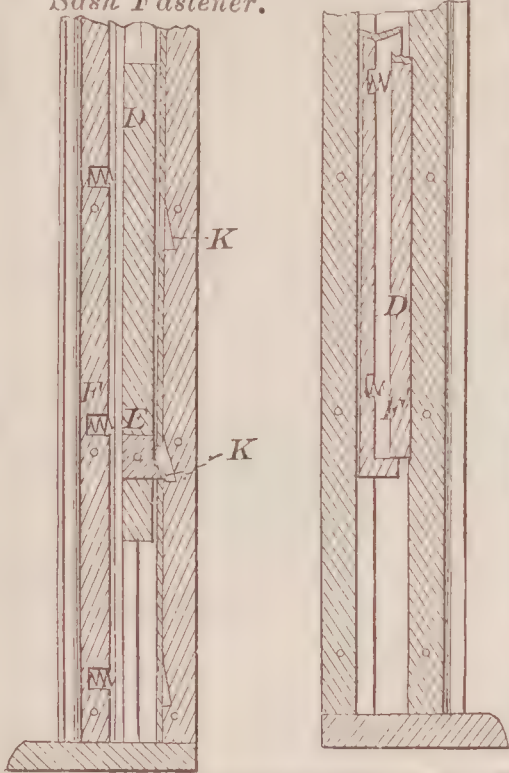
84091—J. E. Coffin—*For Folding and Cording Paper Edges.*



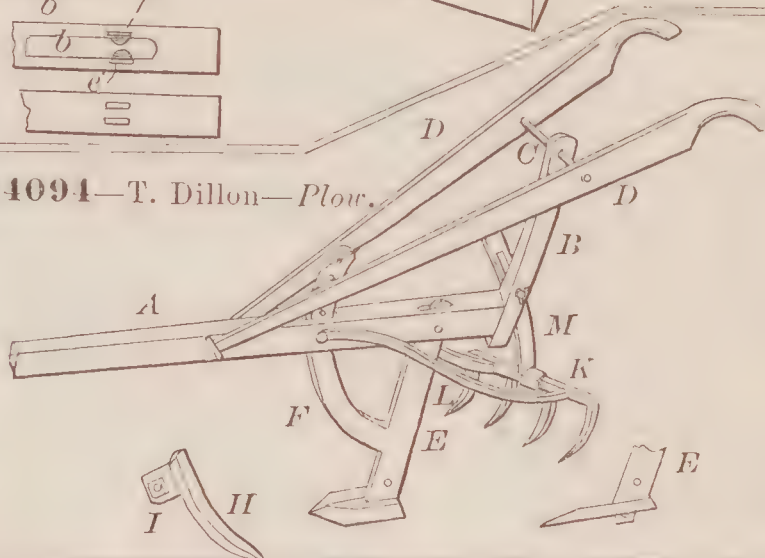
84092—Z. S. Cracraft—*Securing Springs to Bed Bottom Slats.*



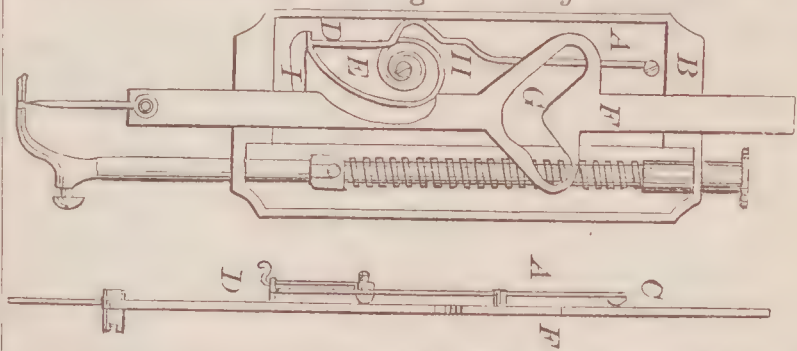
84093—W. J. De Grummond—*Sash Fastener.*



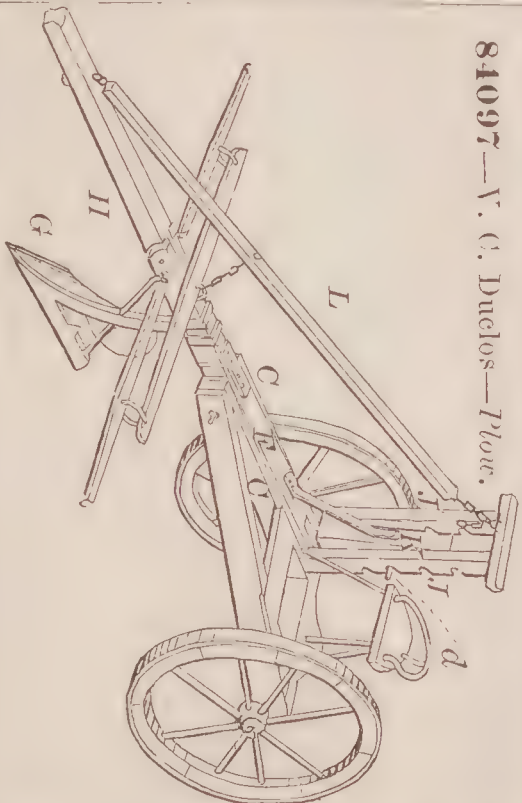
84094—T. Dillon—*Plow.*



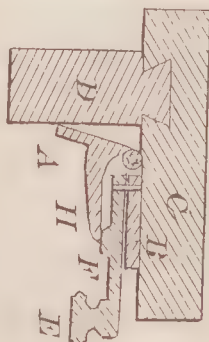
84099—J. V. D. Eldredge—*Sewing Machine.*



84097—V. C. Ducloux—*Plow.*



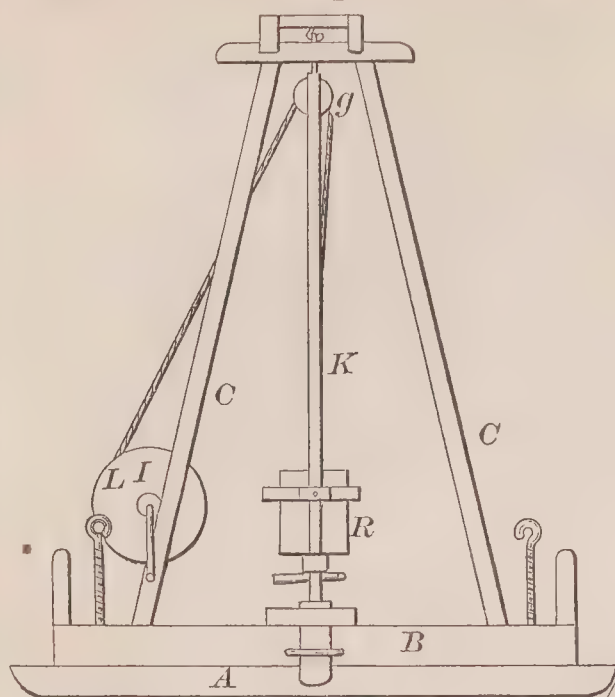
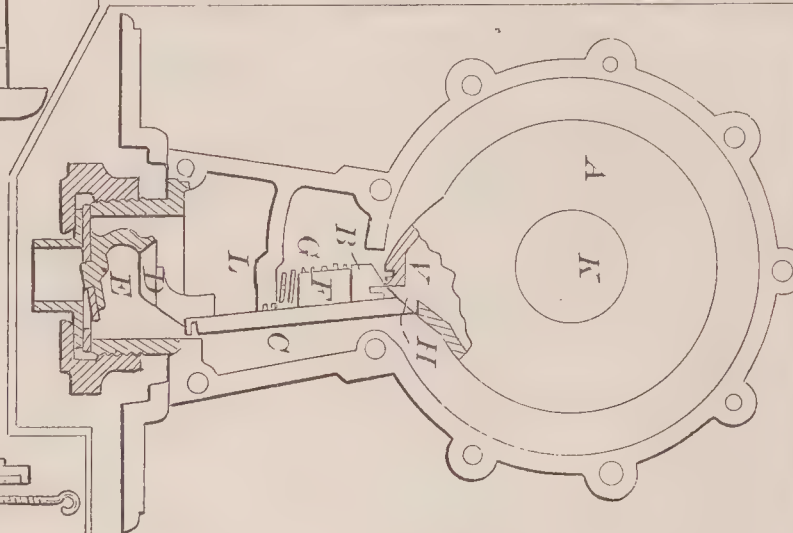
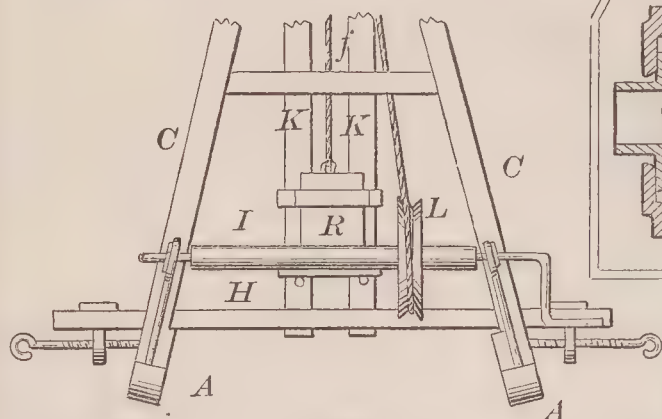
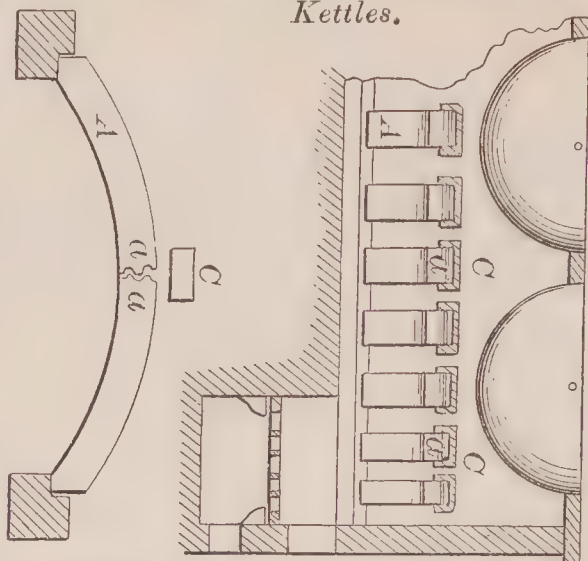
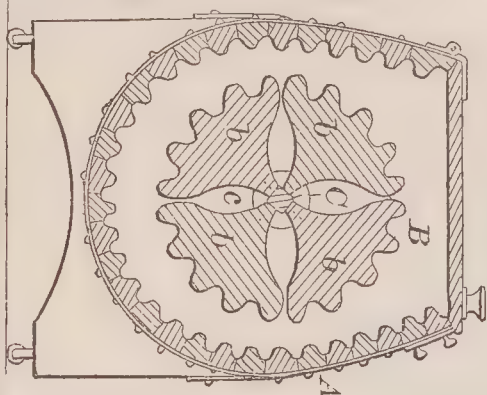
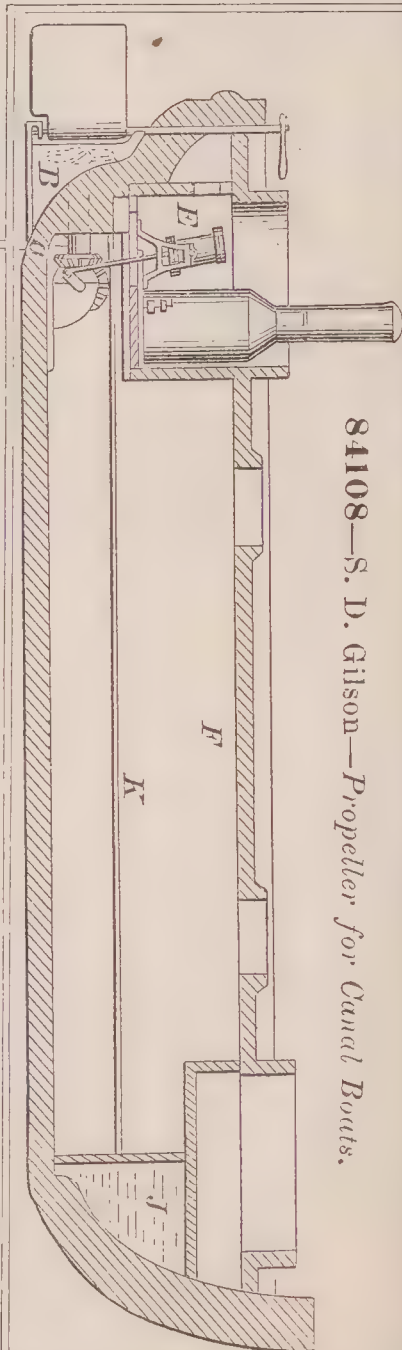
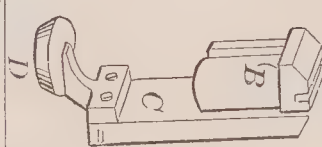
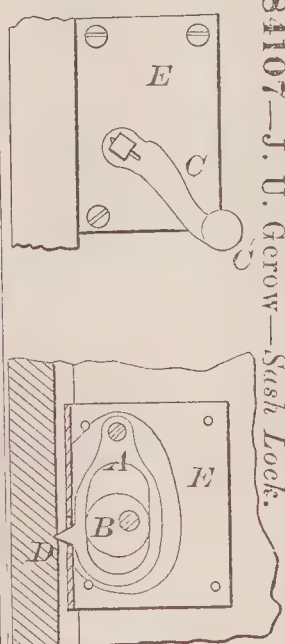
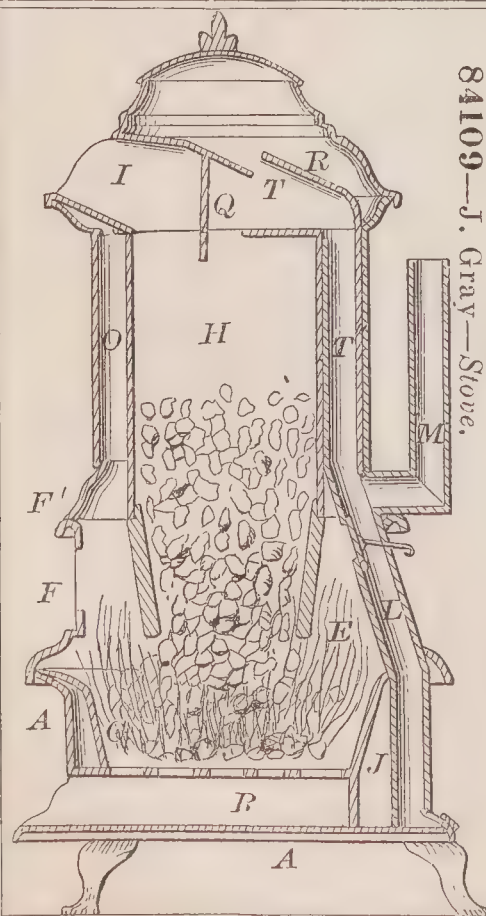
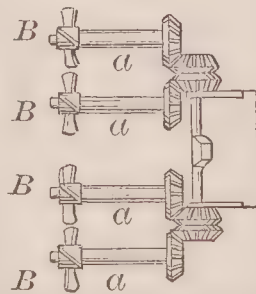
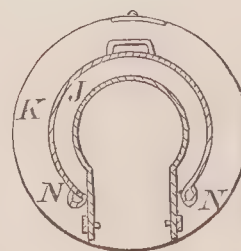
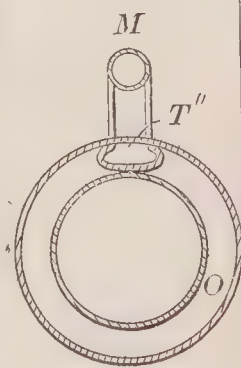
84098—W. Edson—*Sash Fastener.*



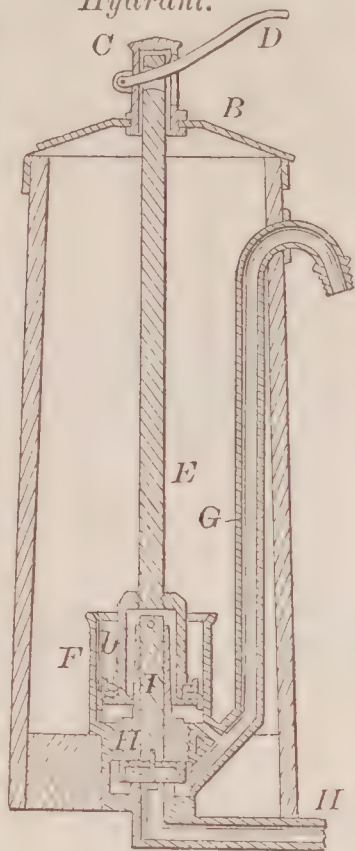
84103—J. H. Foote—*Candle Cap.*



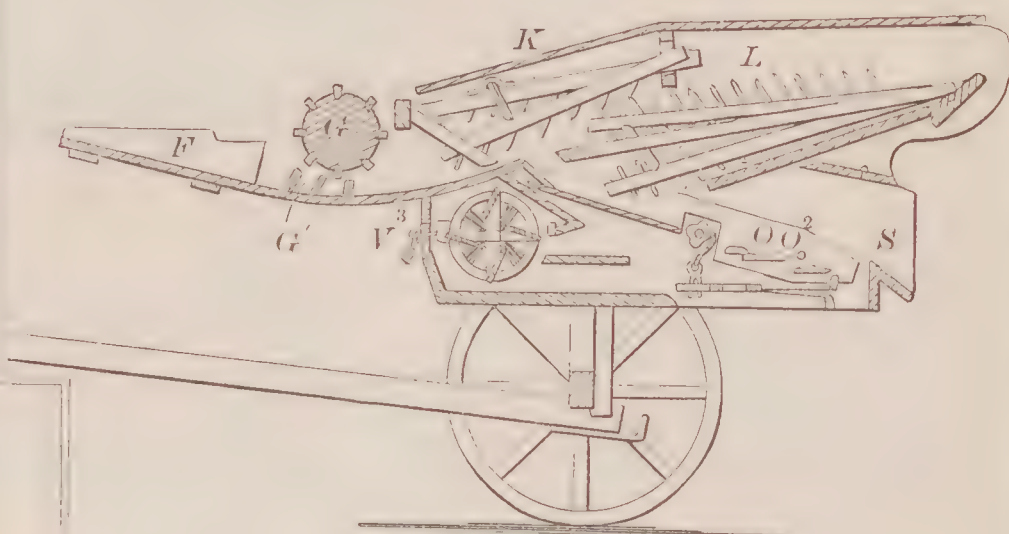
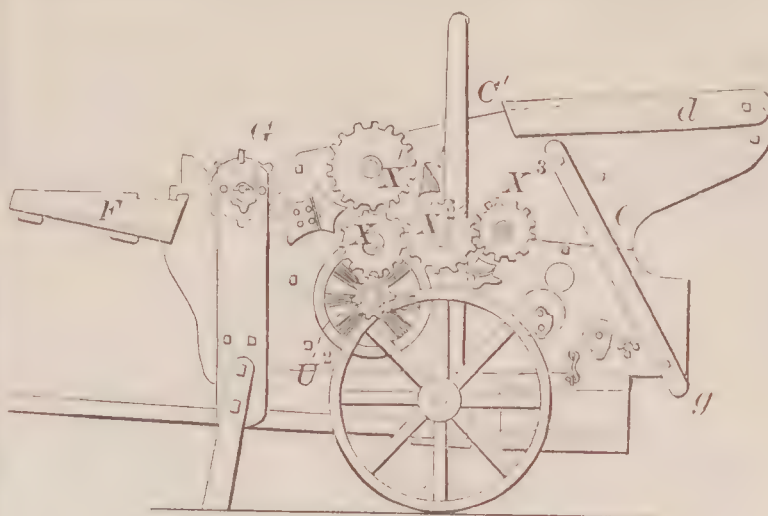


84100—J. Ellenberger—*Post Driver*.84101—J. English—*Arch for Evaporating Kettles*.84106—C. V. Fleming—*Pump*.84102—C. F. Fleming—*Washing Machine*.84108—S. D. Gilson—*Propeller for Canal Boats*.84107—J. U. Gerow—*Sash Lock*.84109—J. Gray—*Stove*.

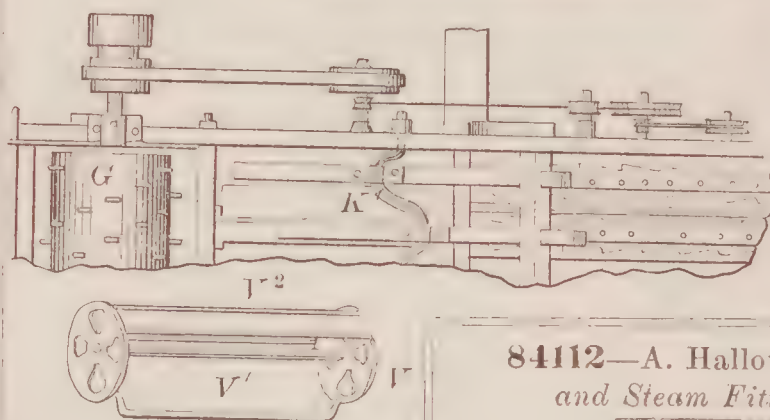
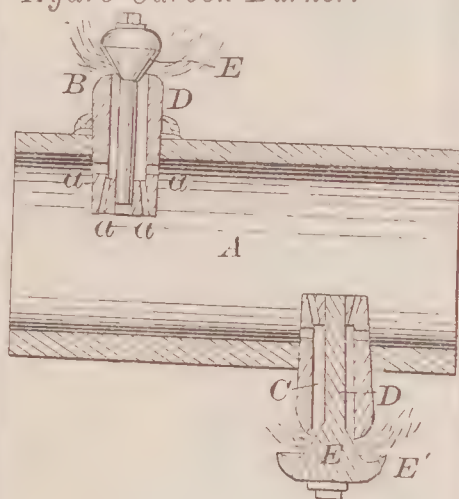
84104—C. E. Frazier—*Hydrant.*



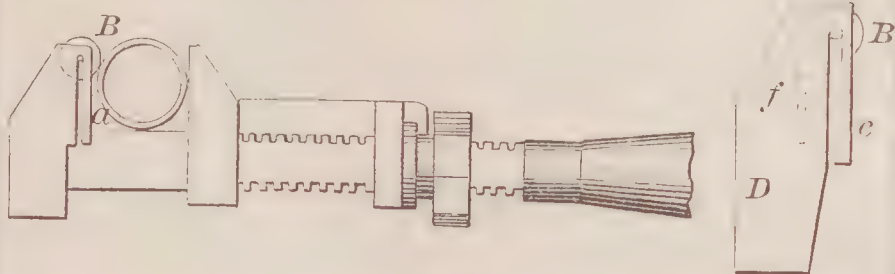
84105—P. & D. Geiser—*Threshing Machine.*



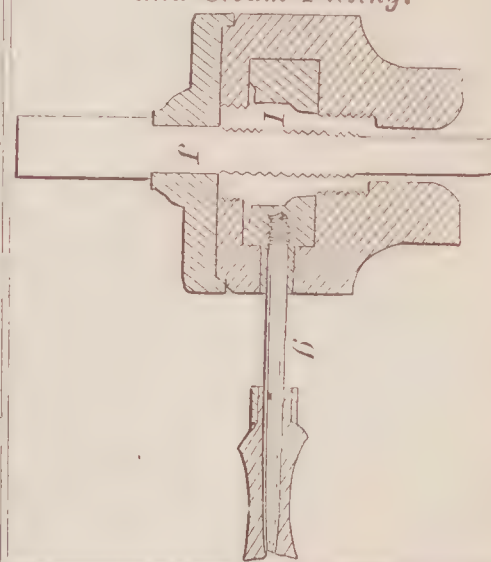
84110—J. Gray—*Hydro-Carbon Burner.*



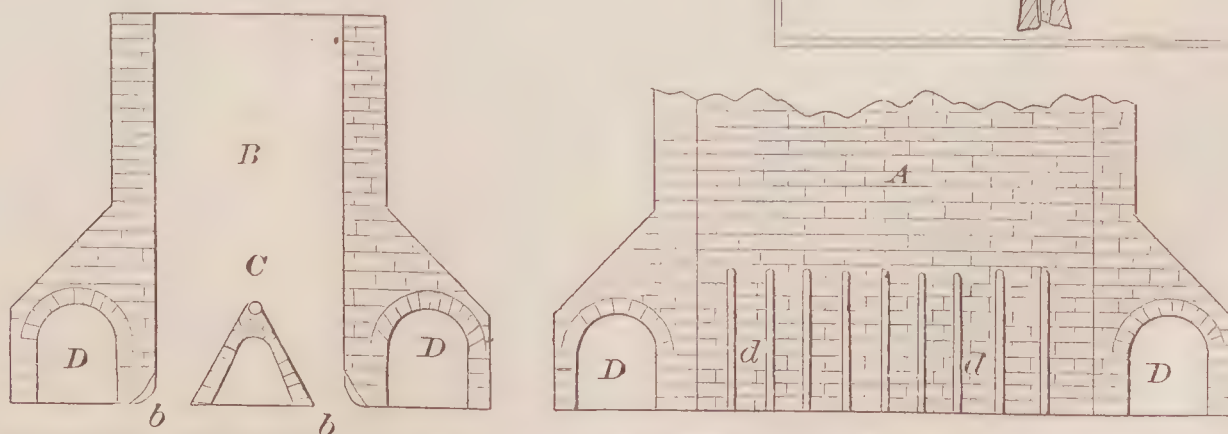
84111—A C Greth—*Wrench.*



84112—A. Hallowell—*Gas and Steam Fitting.*

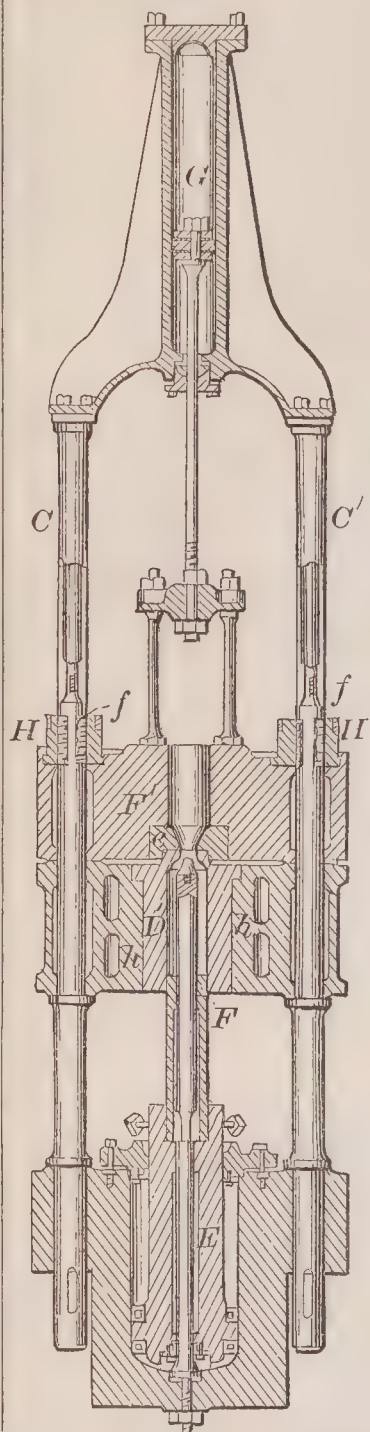


84113—A. Hamar—*Roasting Iron Ores by Waste Gases.*

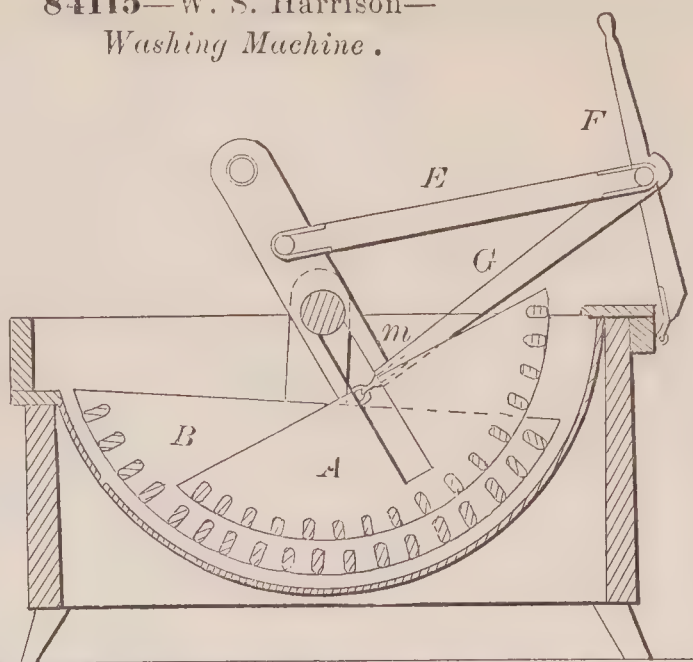




84114—A. Hamon—  
For Forming Tin-Lined  
Lead Pipe.



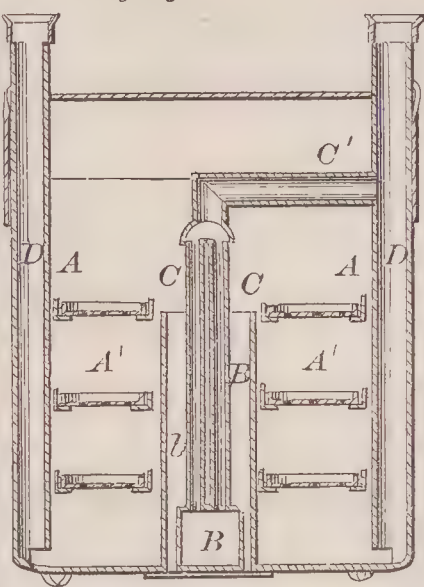
84115—W. S. Harrison—  
Washing Machine.



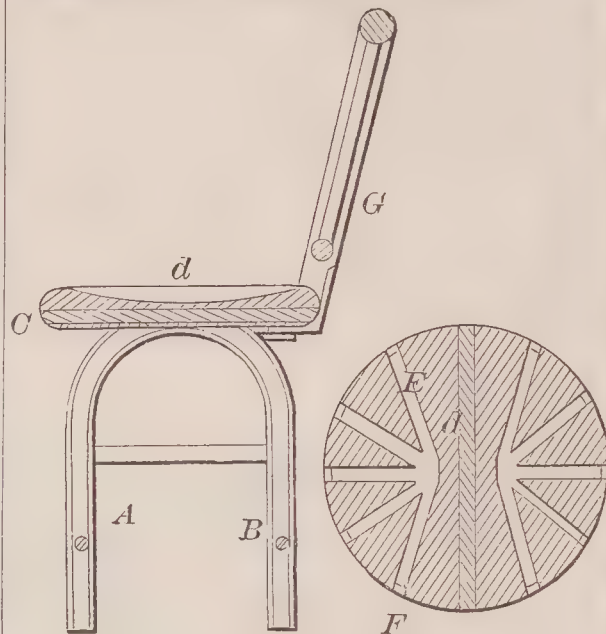
84116—H. Hauser—Harness.



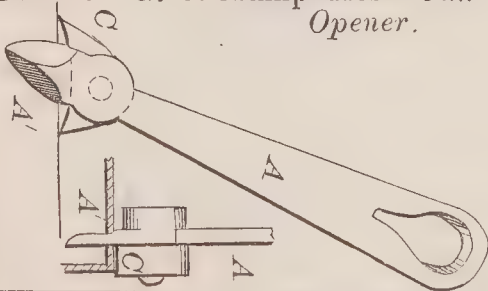
84117—B. R. Hawley—  
Drying Kiln.



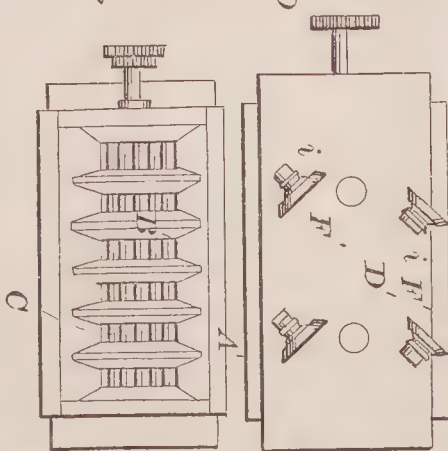
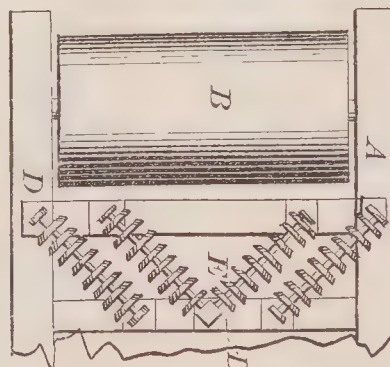
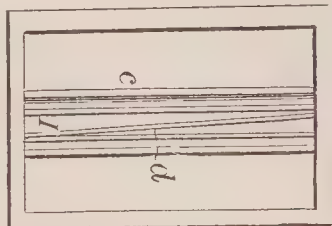
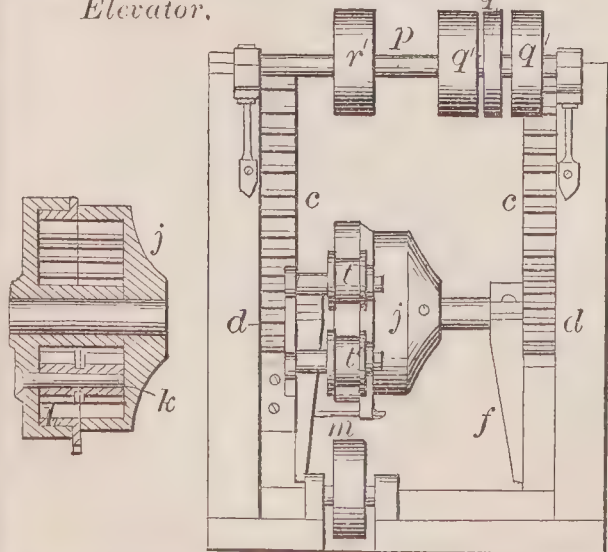
84118—D. B. Hedden—Chair.



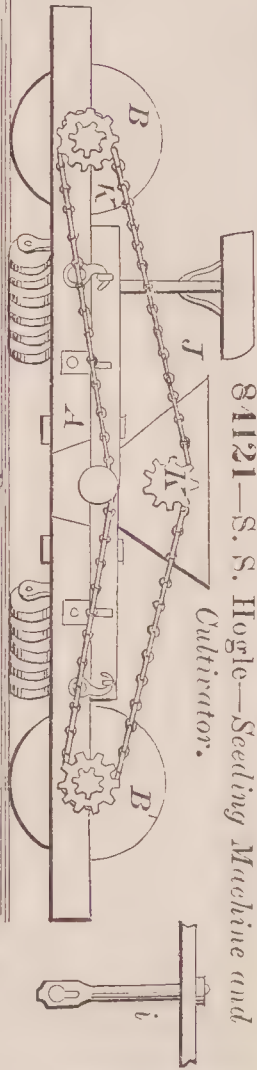
84122—G. C. Humphries—Can  
Opener.



84123—D. Hussey—Differential Gear  
Elevator.

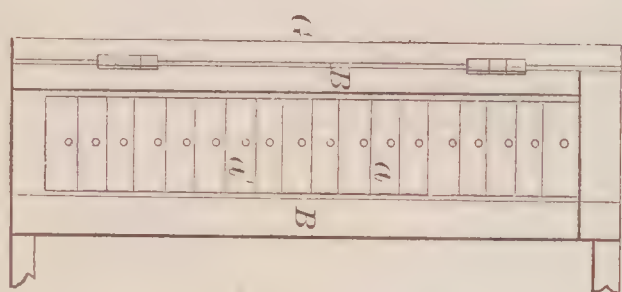
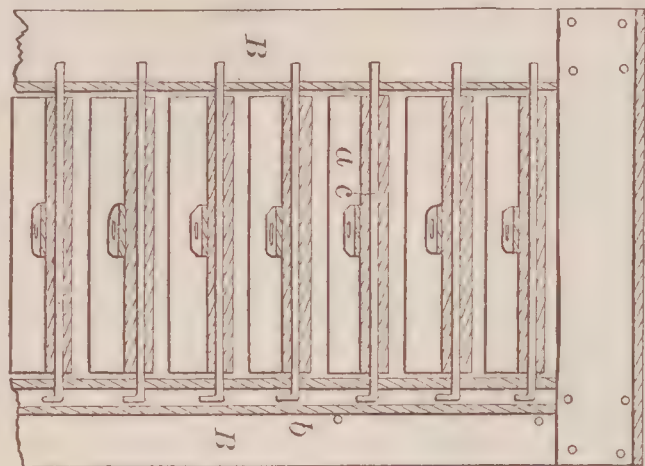
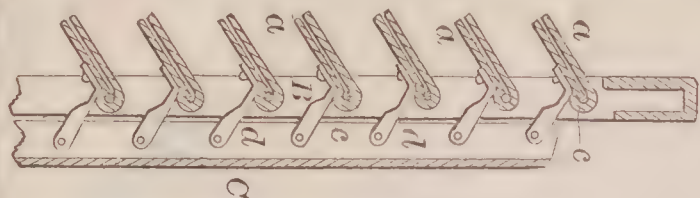


84121—S. S. Hogle—Seeding Machine and  
Cultivator.

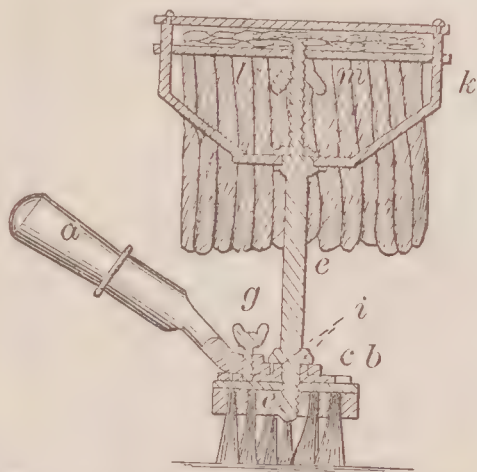




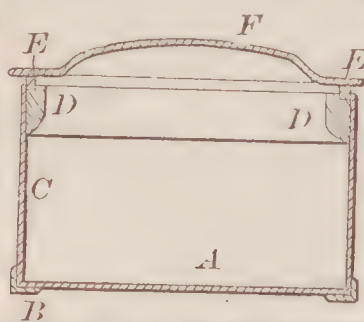
84124—B. A. Jenkins—*Iron Window Shutter.*



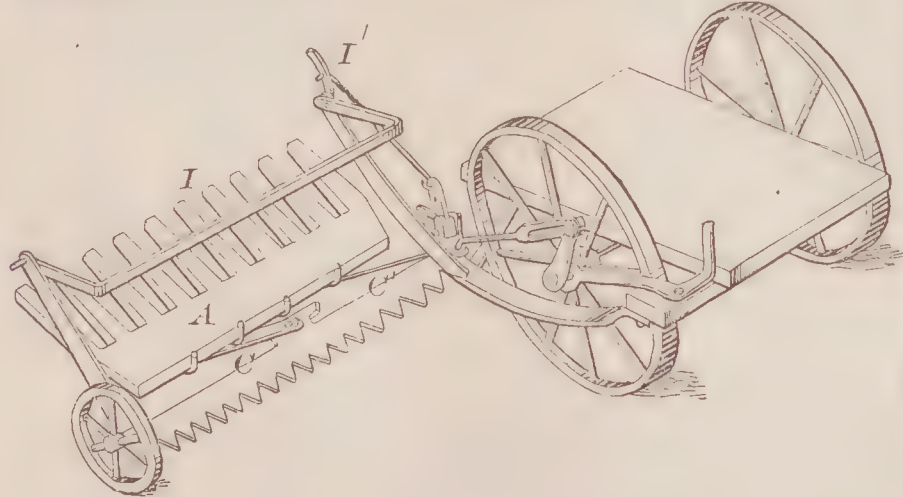
84129—J. F. Mason—*Scrubbing Brush and Mop.*



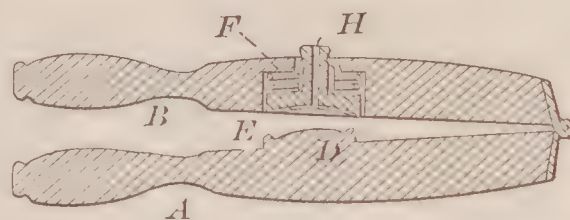
84130—S. Merrick—*Coffin.*



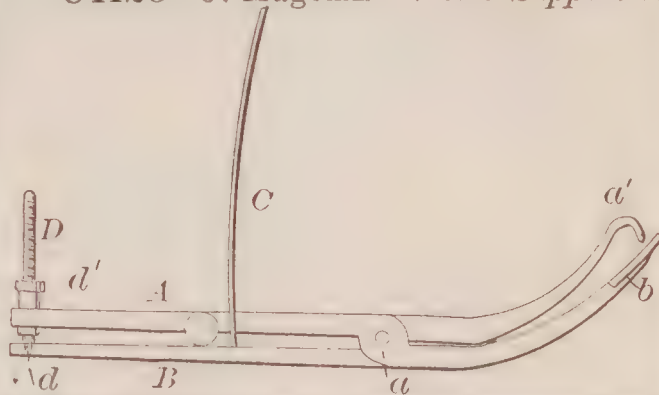
84133—A. L. & G. M. Peters—*Harvester.*



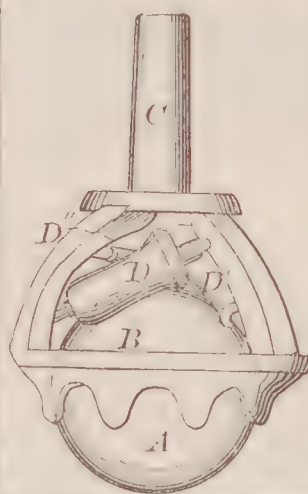
84125—J. Klepzig—*Lemon Squeezer.*



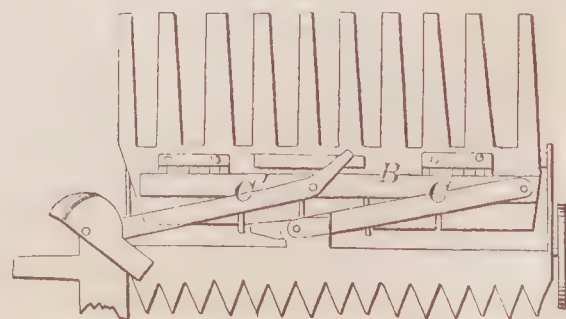
84128—J. Magoffin—*Womb Supporter.*



84126—C. Lewando—*Caster.*

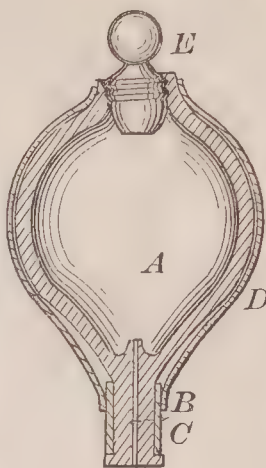


84127—W. Louden—*Elevator.*

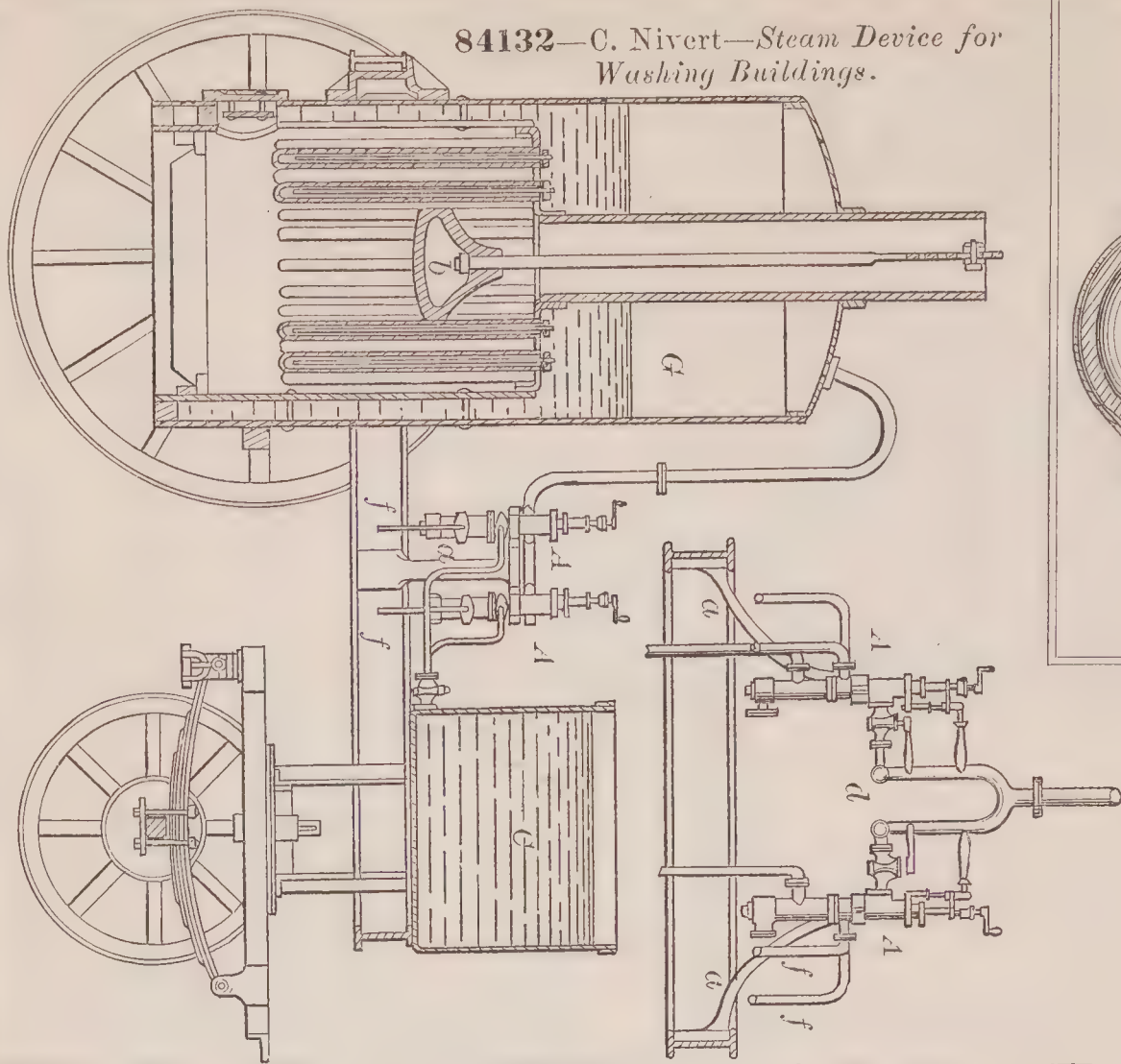




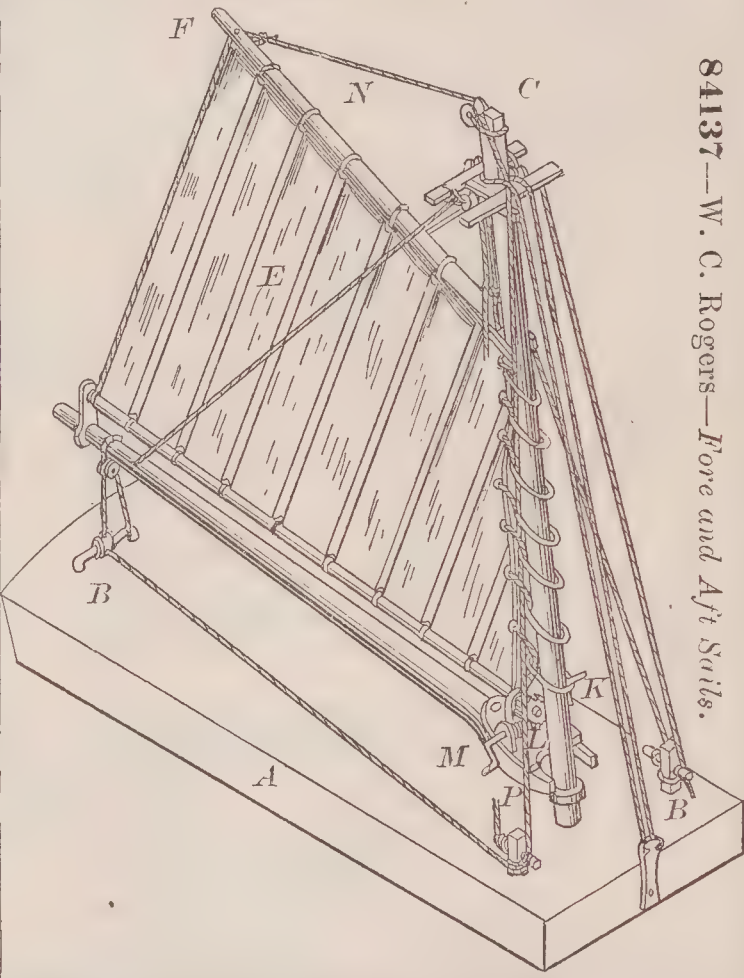
84135—W. M. Rennyson—*Lubricator.*



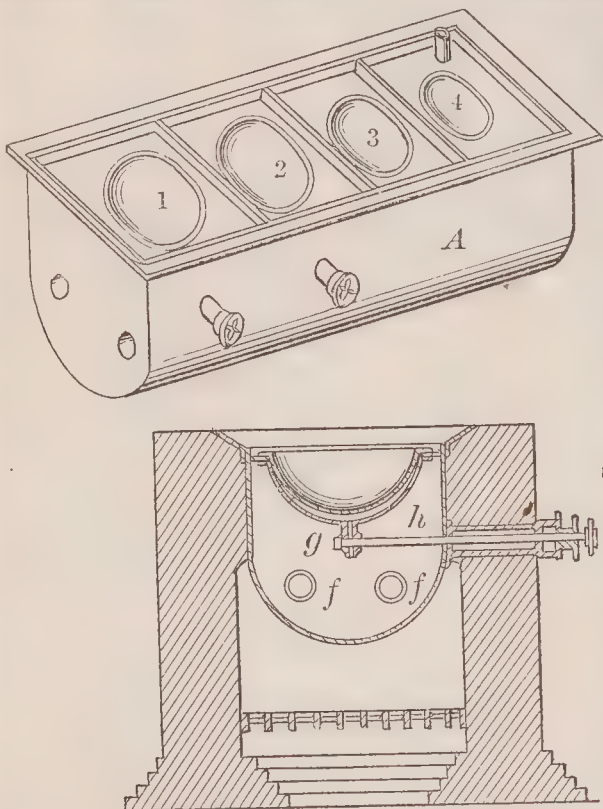
84132—C. Nivert—*Steam Device for Washing Buildings.*



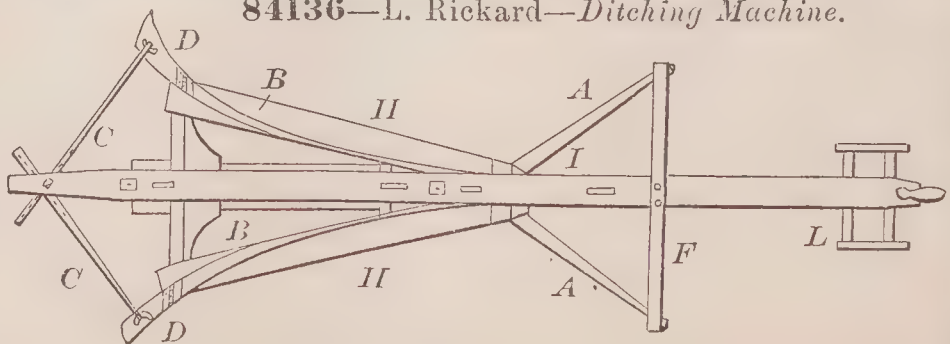
84137—W. C. Rogers—*Fore and Aft Sails.*



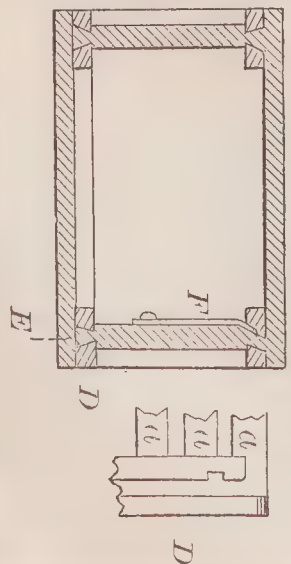
84134—S. A. Poche—*For Evaporating Cane Juice.*



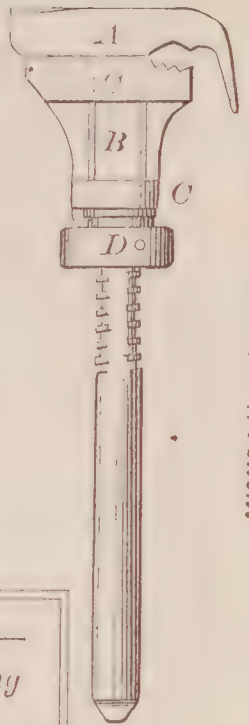
84136—L. Rickard—*Ditching Machine.*



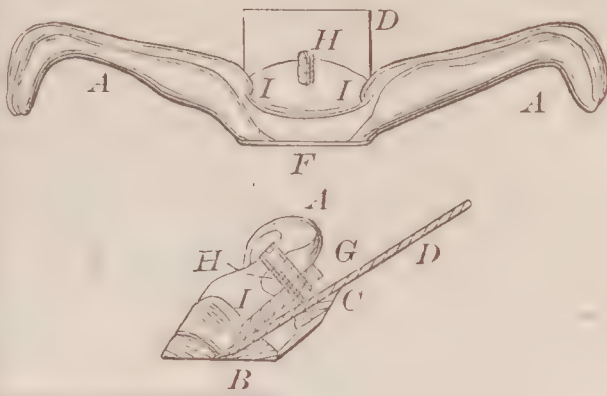
84139—J. S. Shields—*Fruit Box.*



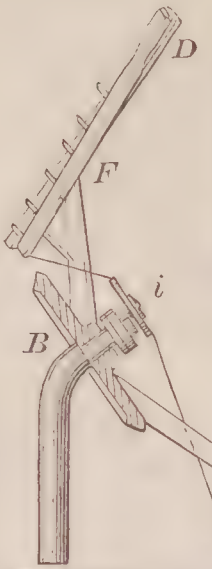
84142—W. S. Smoot—Wrench.



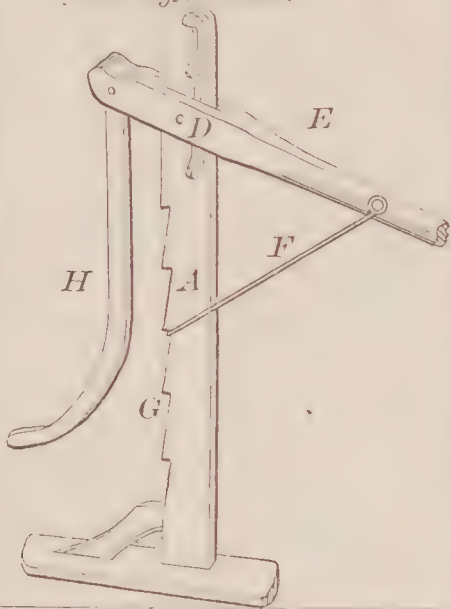
84140—J. Y. Simons—Share.



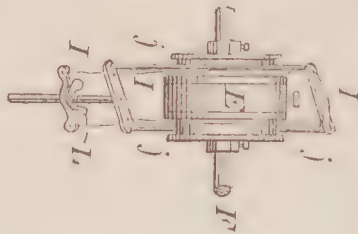
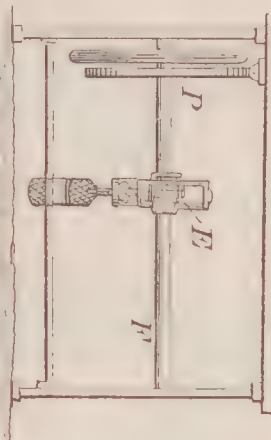
84138—J. L. Rohrer—Harvester Reel.



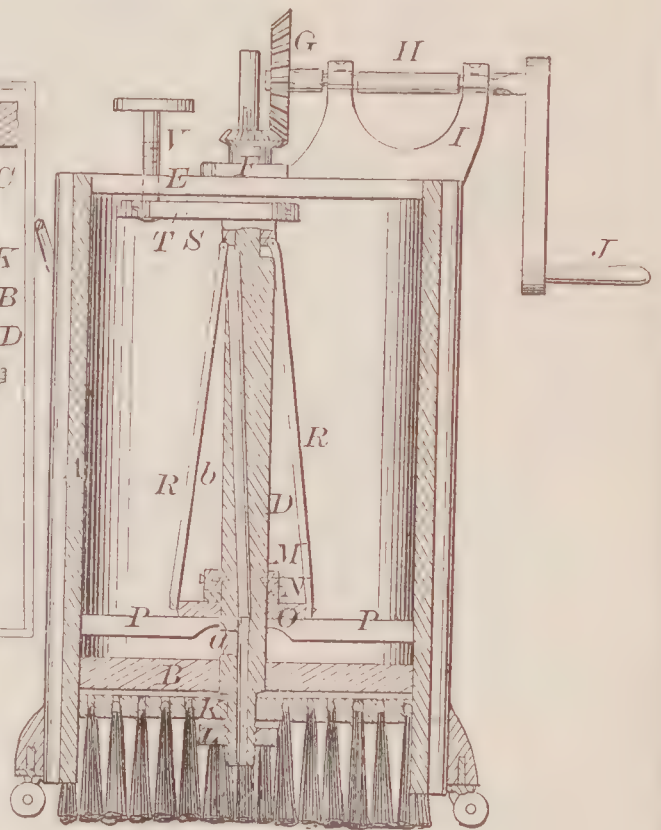
84141—T. J. Smith—For Raising Fences.



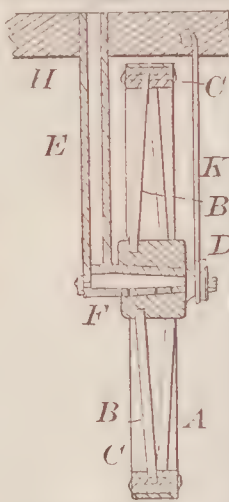
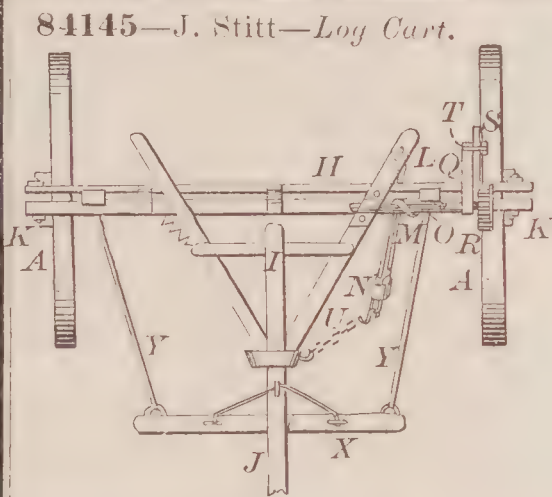
84144—G. Stackpole—Lever Power for Sewing Machines.



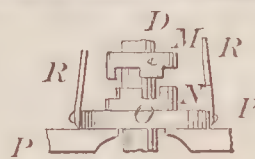
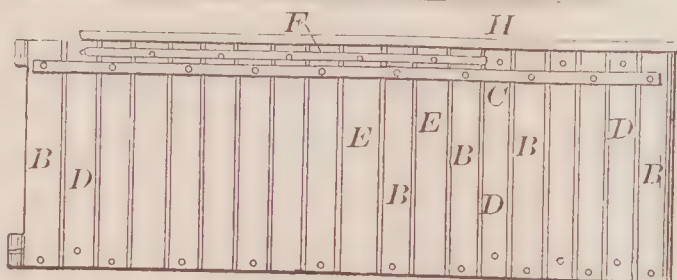
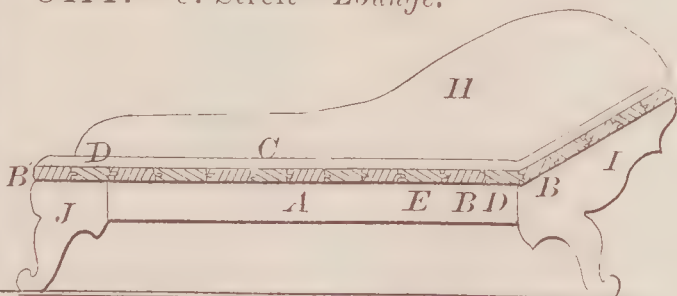
84146—W. E. Stoddard—Scrubbing Machine.



84145—J. Stitt—Log Cart.

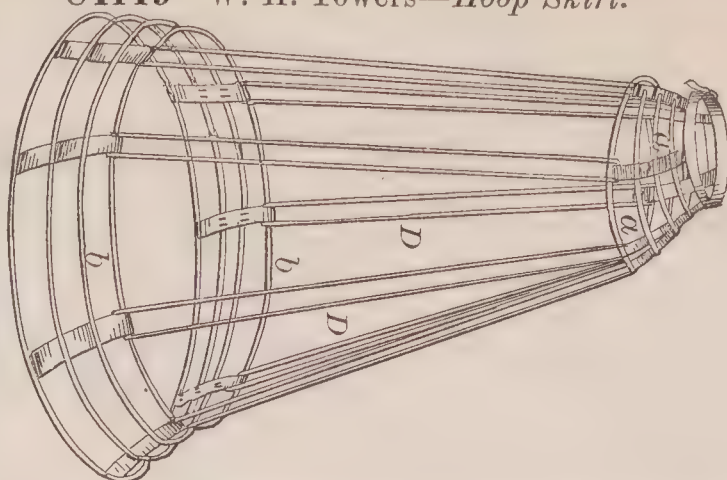


84147—C. Streit—Lounge.

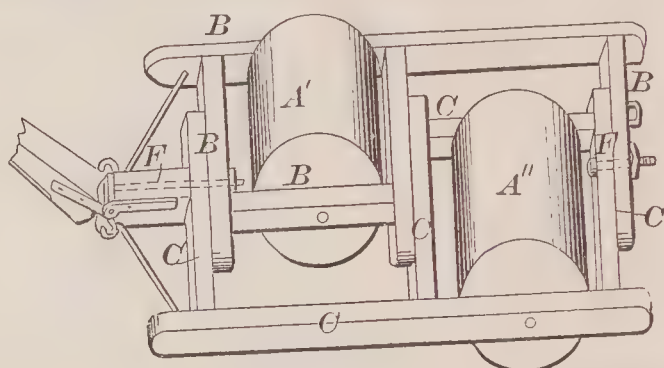




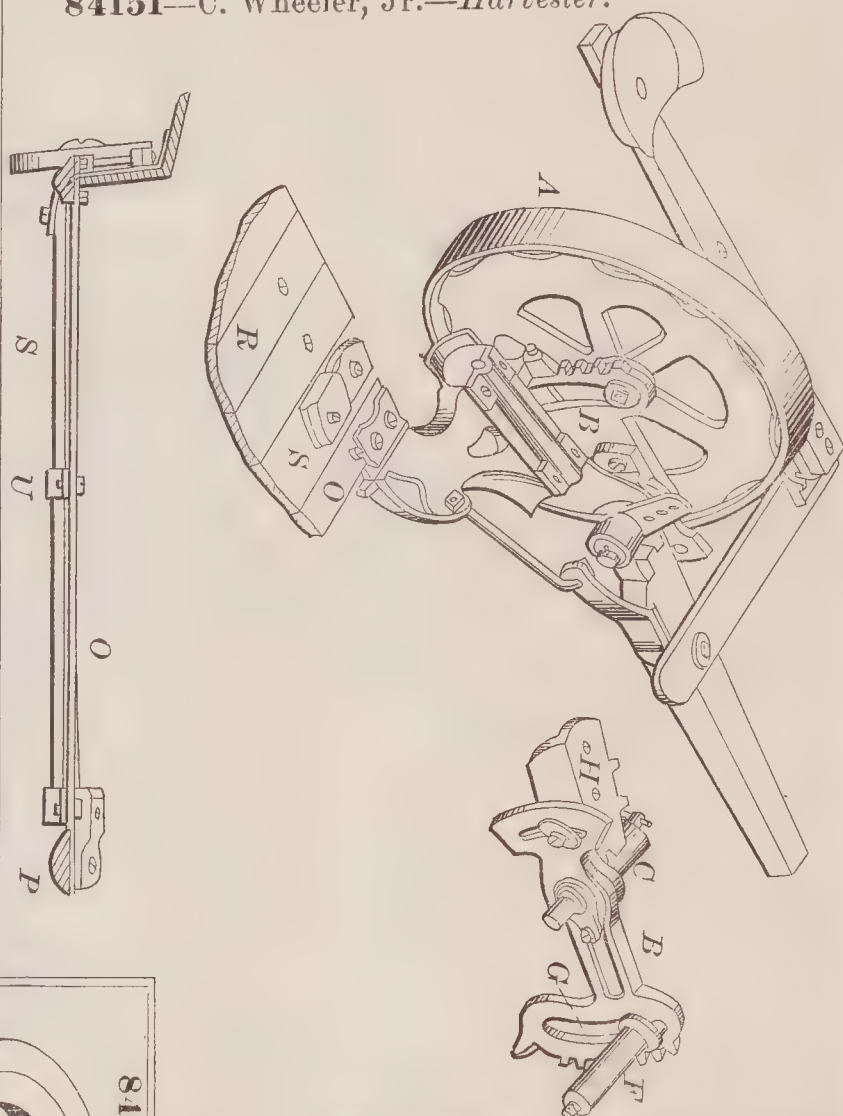
84149—W. H. Towers—*Hoop Skirt*.



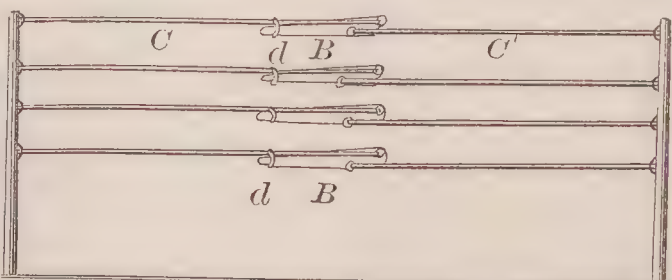
84150—W. Westfall—*Field Roller*.



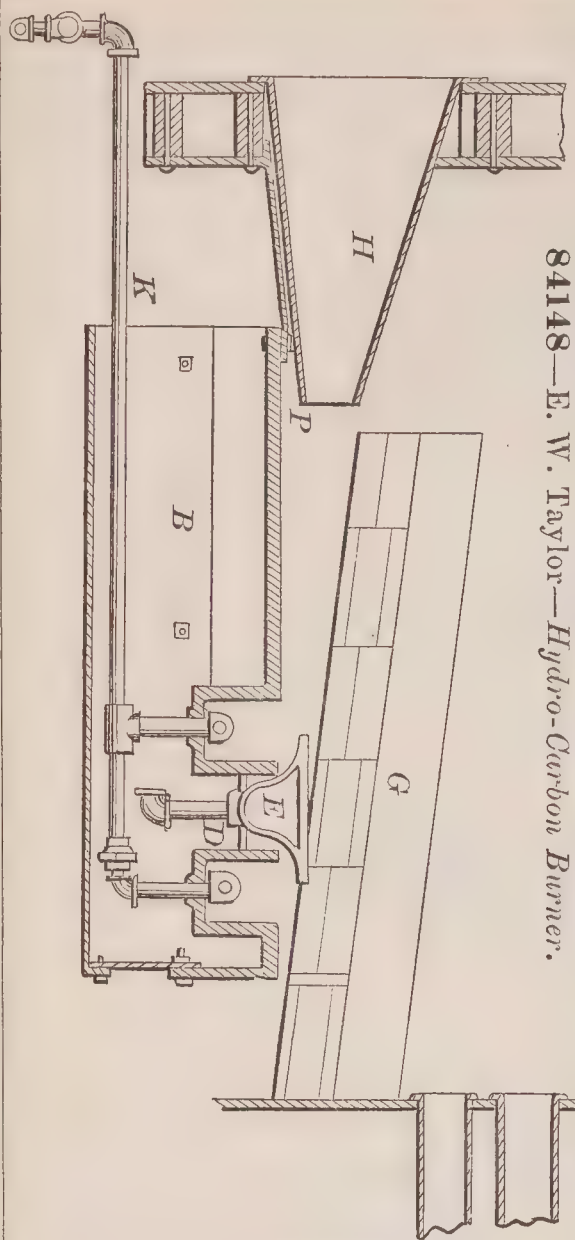
84151—C. Wheeler, Jr.—*Harvester*.



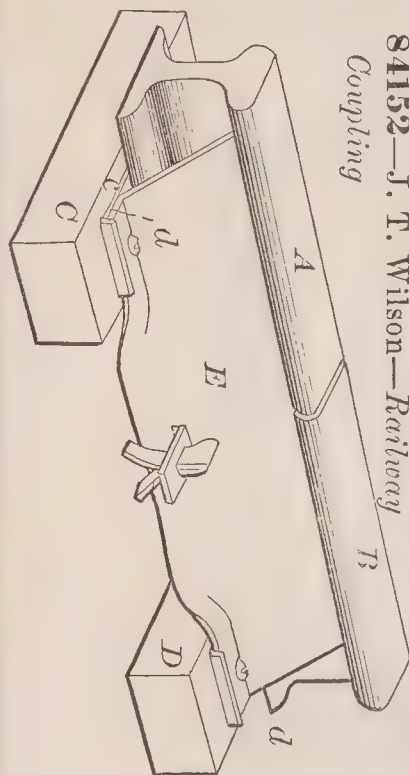
84154—T. G. Yeomans—*Vine Trellis*.



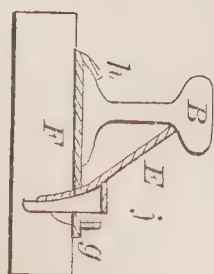
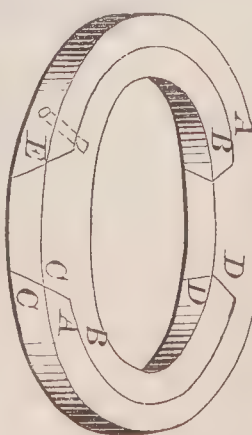
84148—E. W. Taylor—*Hydro-Carbon Burner*.



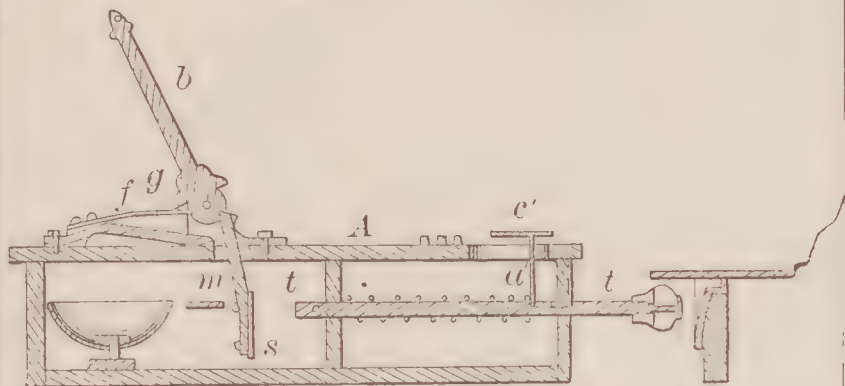
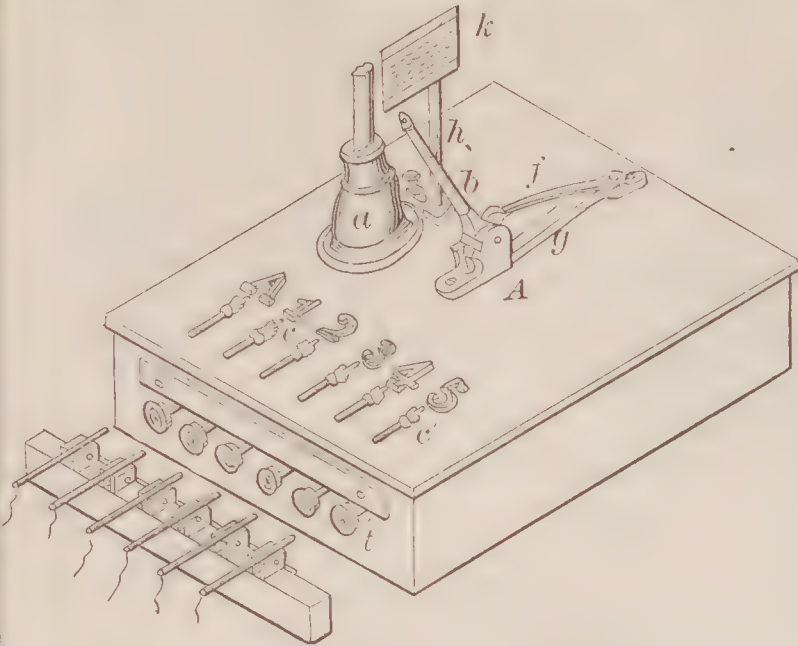
84152—J. T. Wilson—*Railway Coupling*



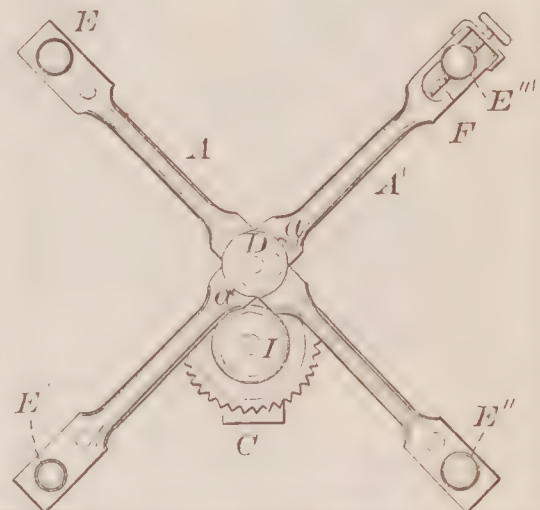
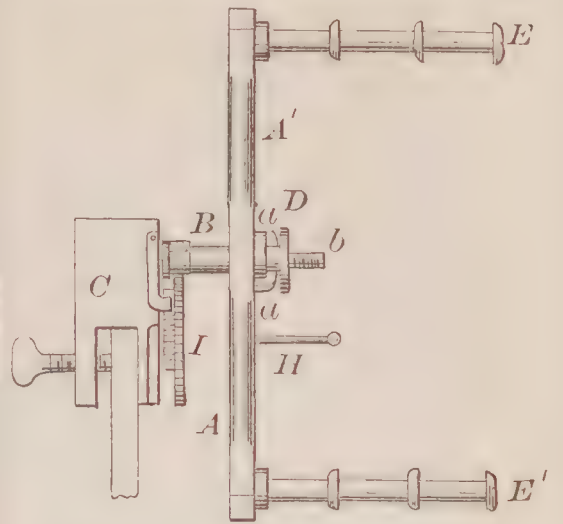
84153—B. F. Zinn—*Ring*.



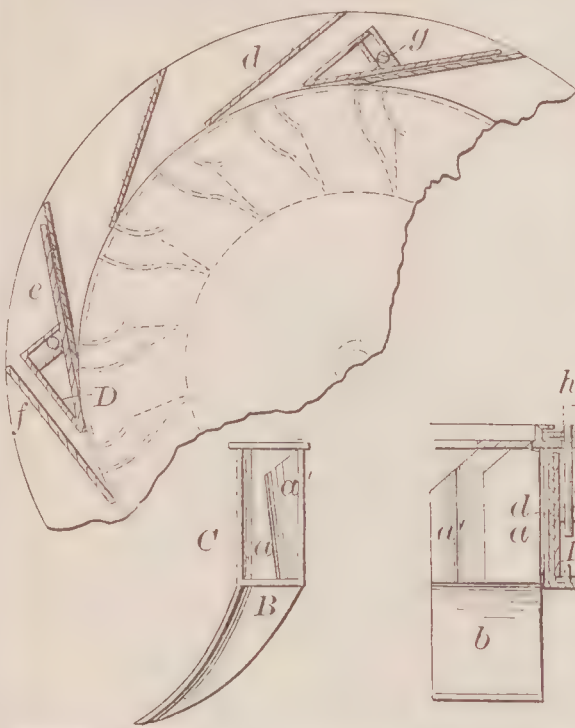
84153—H. J. Wolters—*Burglar Alarm.*



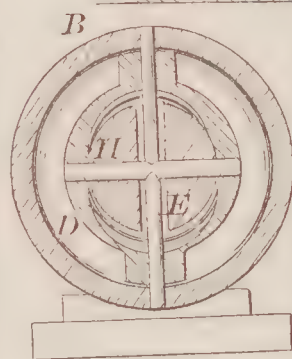
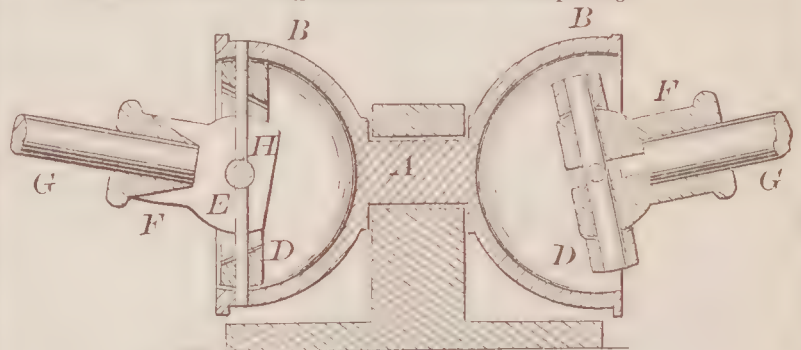
84156—E. Baker—*Reel.*



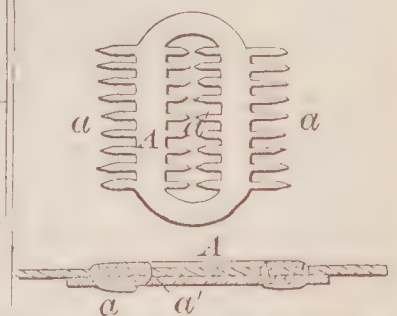
84158—V. M. Baker—*Water Wheel.*



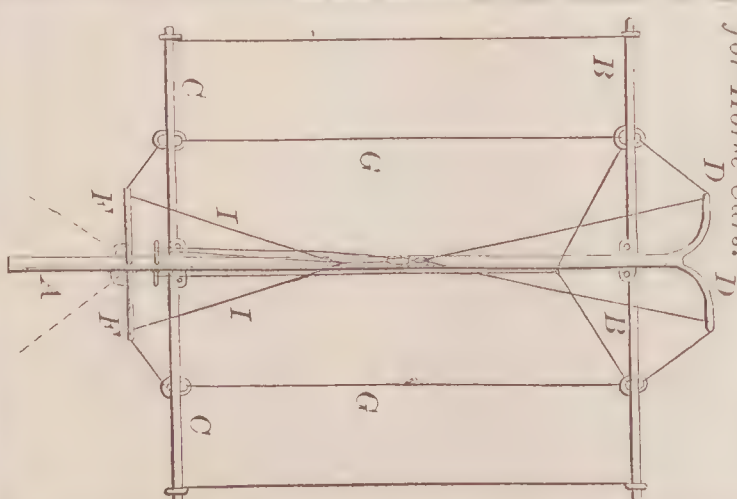
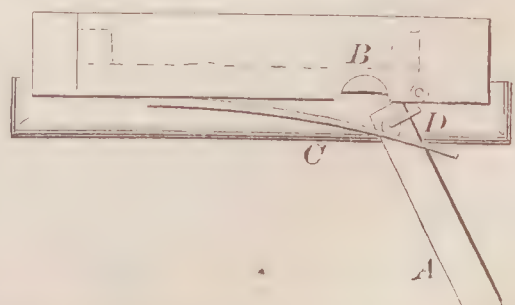
84161—A. Bigelow—*Shaft Coupling.*



84157—P. H. Baker—*Fastening Straps to Boots.*



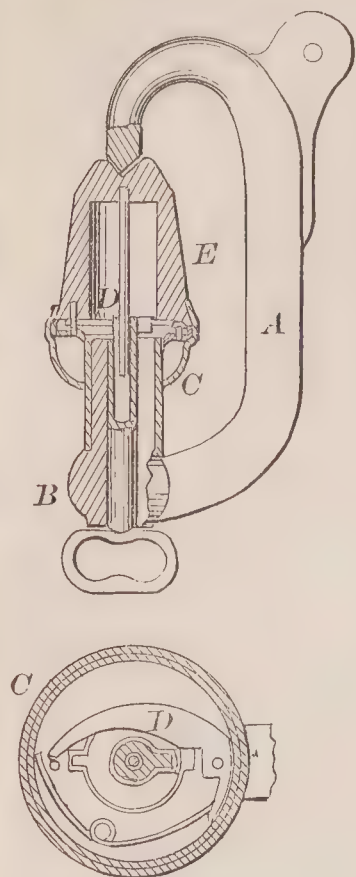
84159—W. S. Barlow—*Door Spring.*



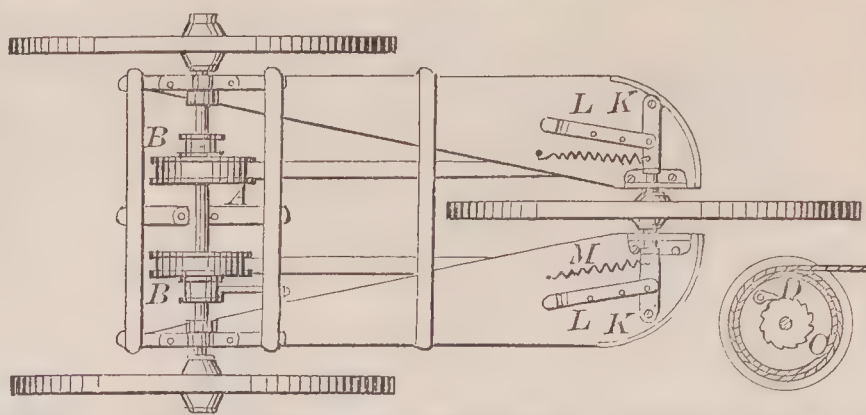
84160—M. C. Battey—*Acening for Horse Cars.*



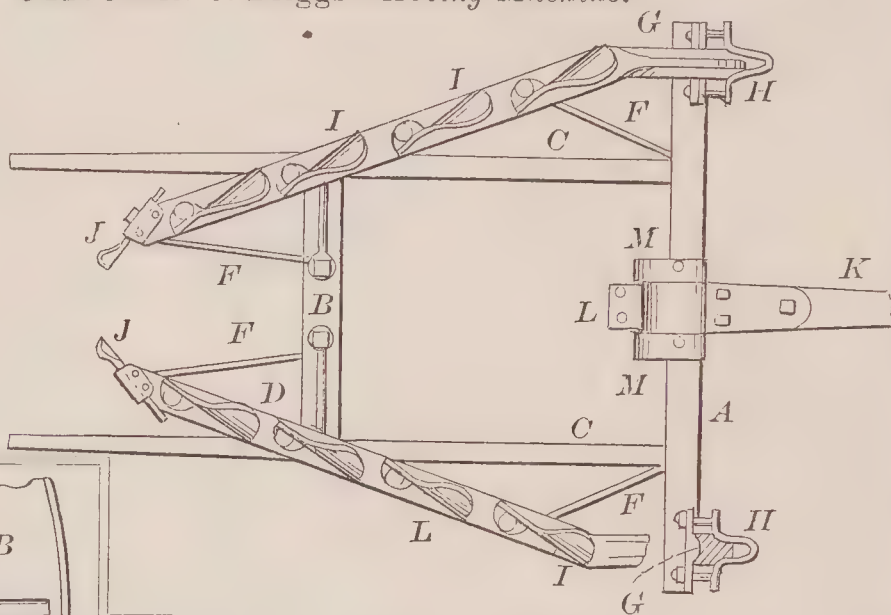
84162—A. S. Blake—*Padlock.*



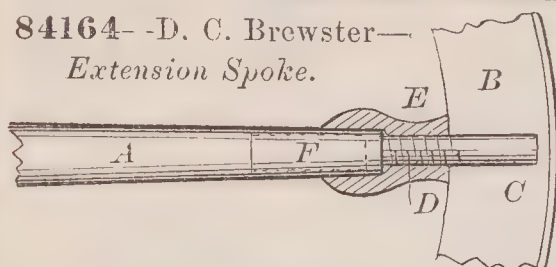
84163—E. K. W. Blake—*Velocipede.*



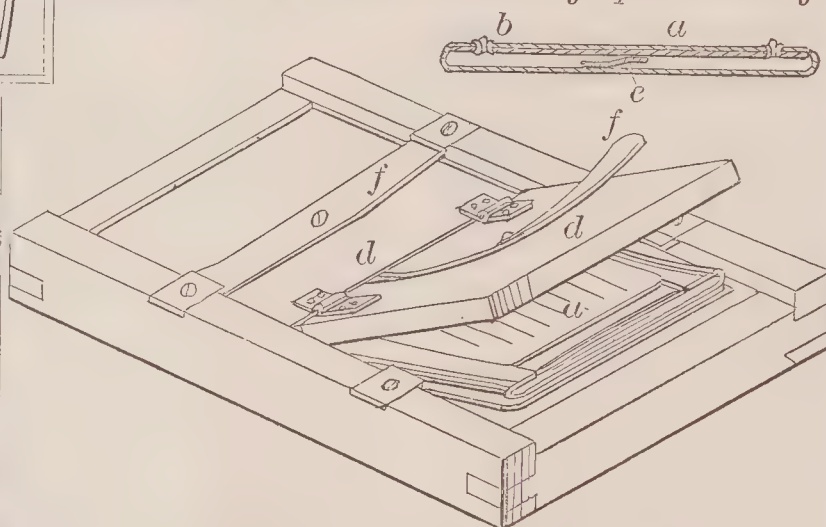
84165—H. C. Briggs—*Hoeing Machine.*



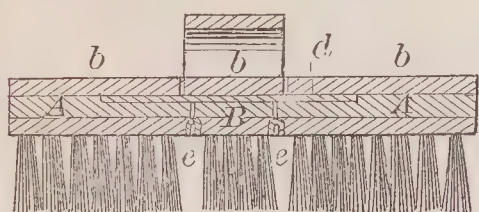
84164—D. C. Brewster—*Extension Spoke.*



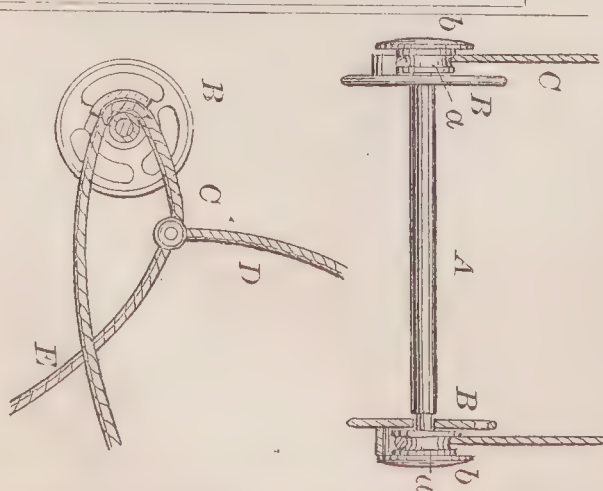
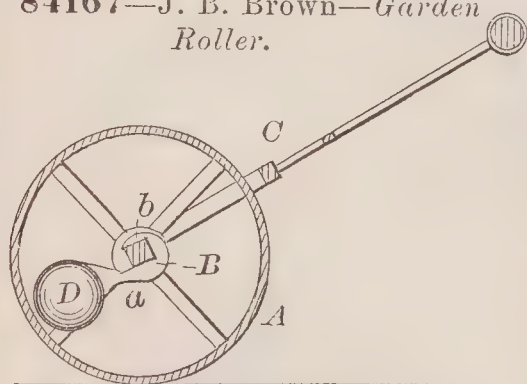
84168—J. Buchtel—*For Photographic Printing.*



84166—A. W. Brown—*Brush.*

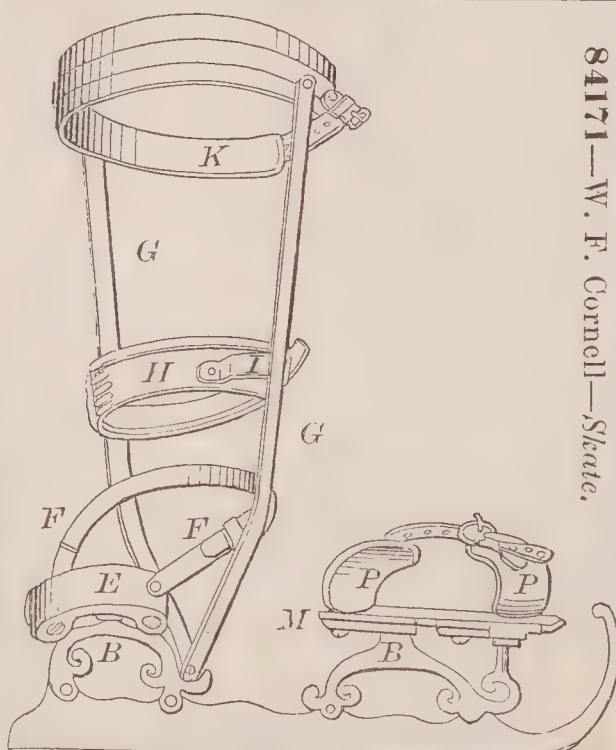


84167—J. B. Brown—*Garden Roller.*

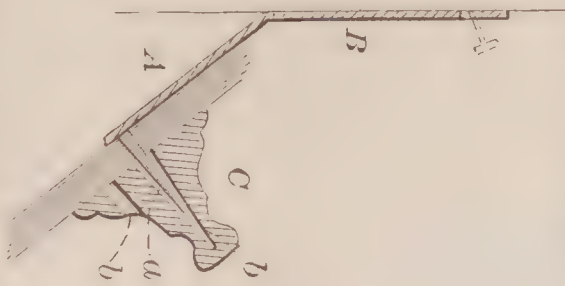


84170—W. F. Clark—*Bridle.*

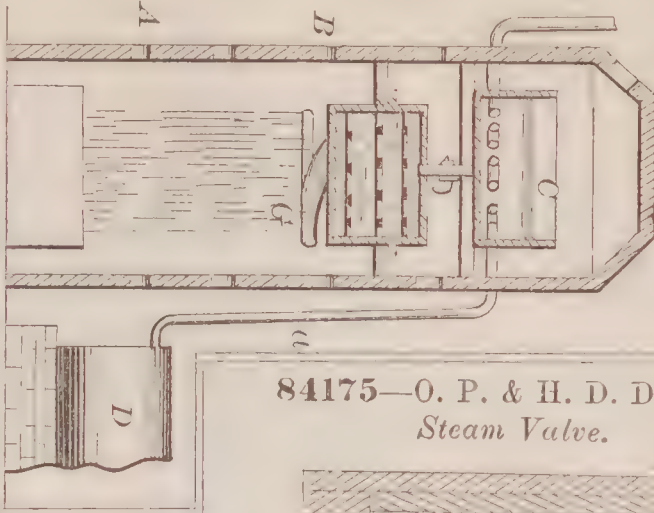
84171—W. F. Cornell—*Stool.*



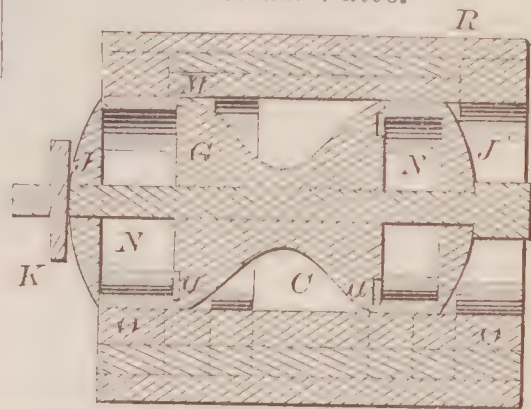
84172—E. H. Craige—*Paper File.*



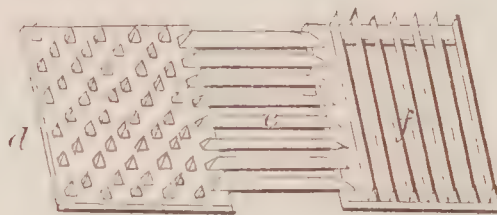
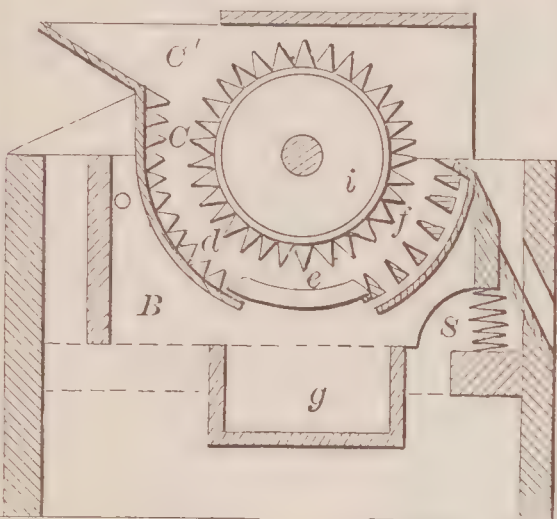
84174—D. Duduit—*For Ageing and Rectifying Copal Varnish.*



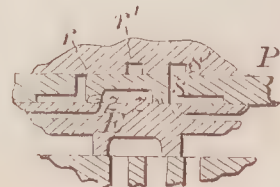
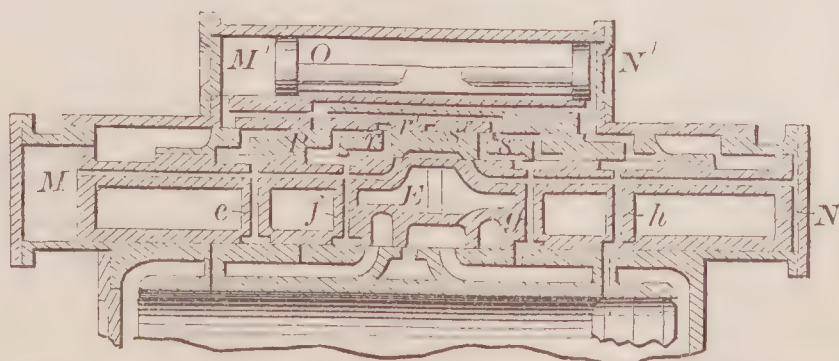
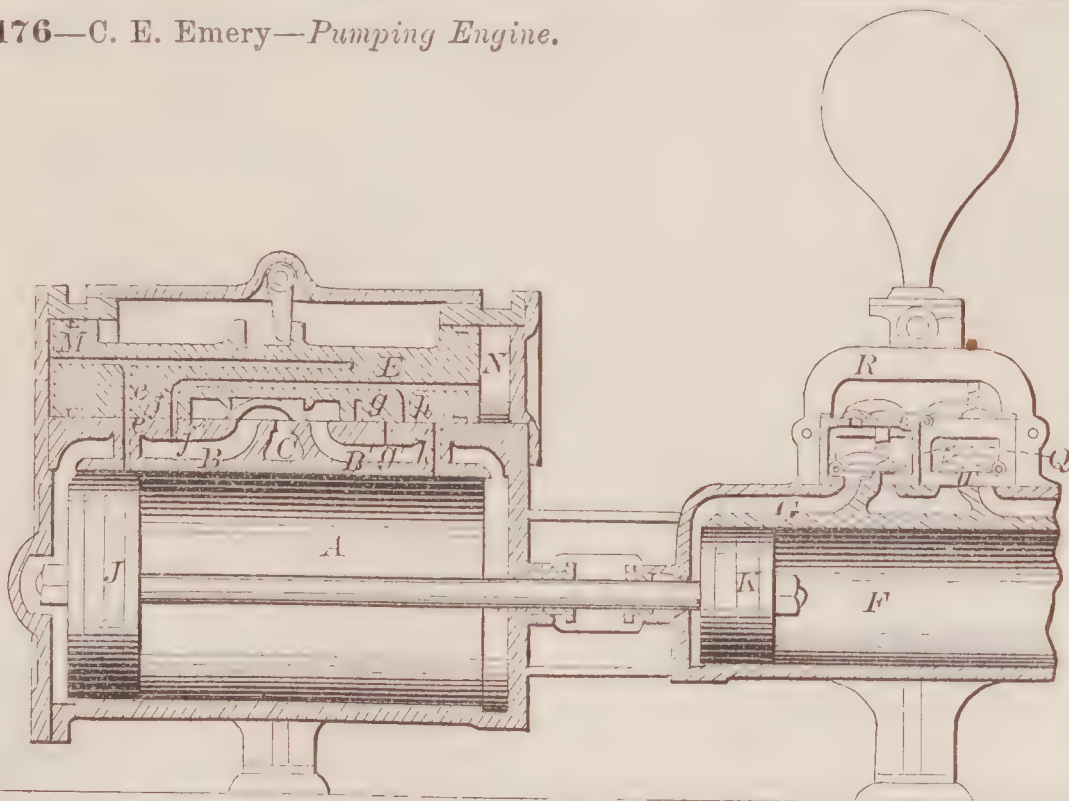
84175—O. P. & H. D. Dunbar—*Steam Valve.*



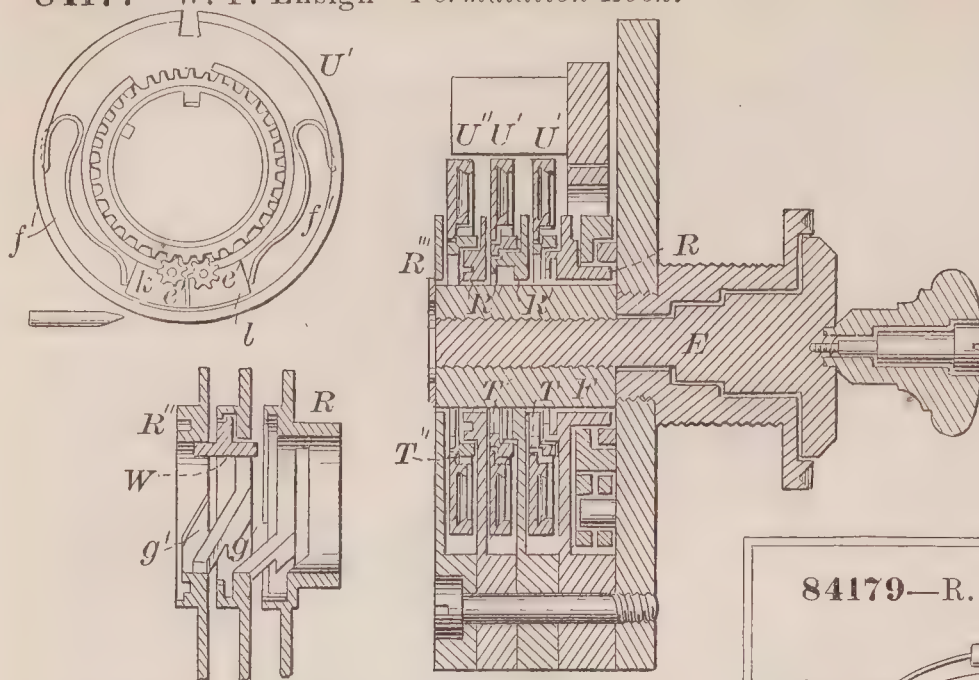
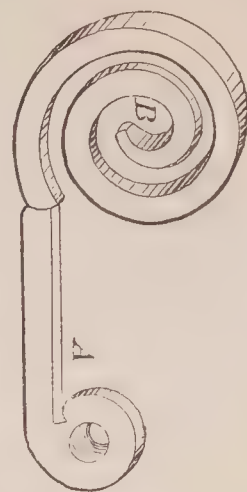
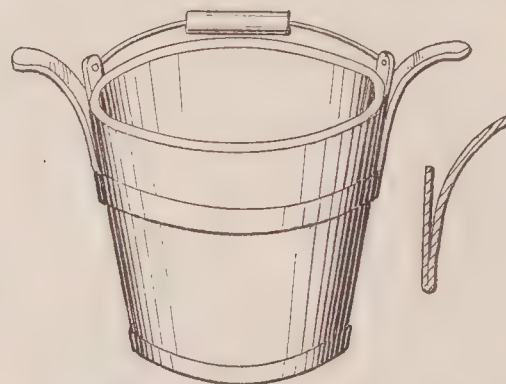
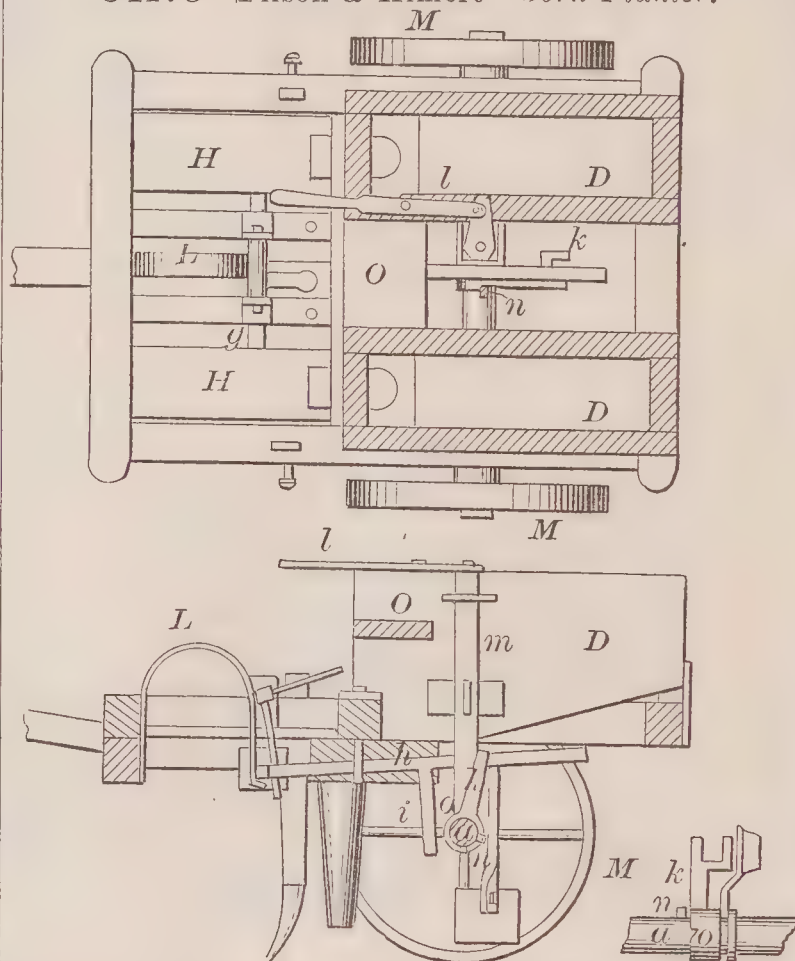
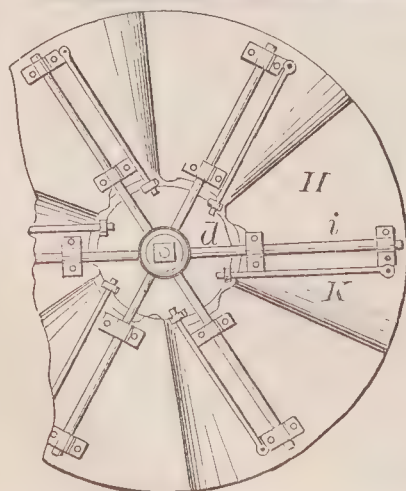
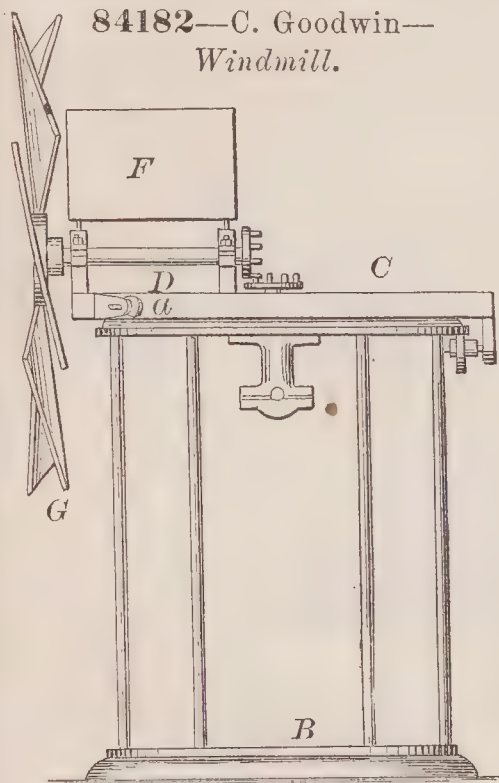
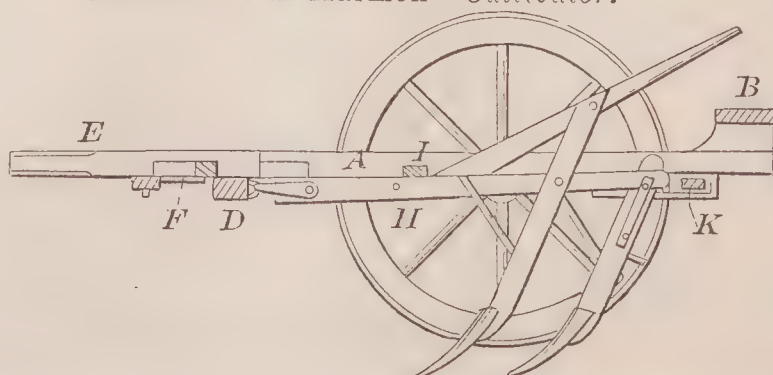
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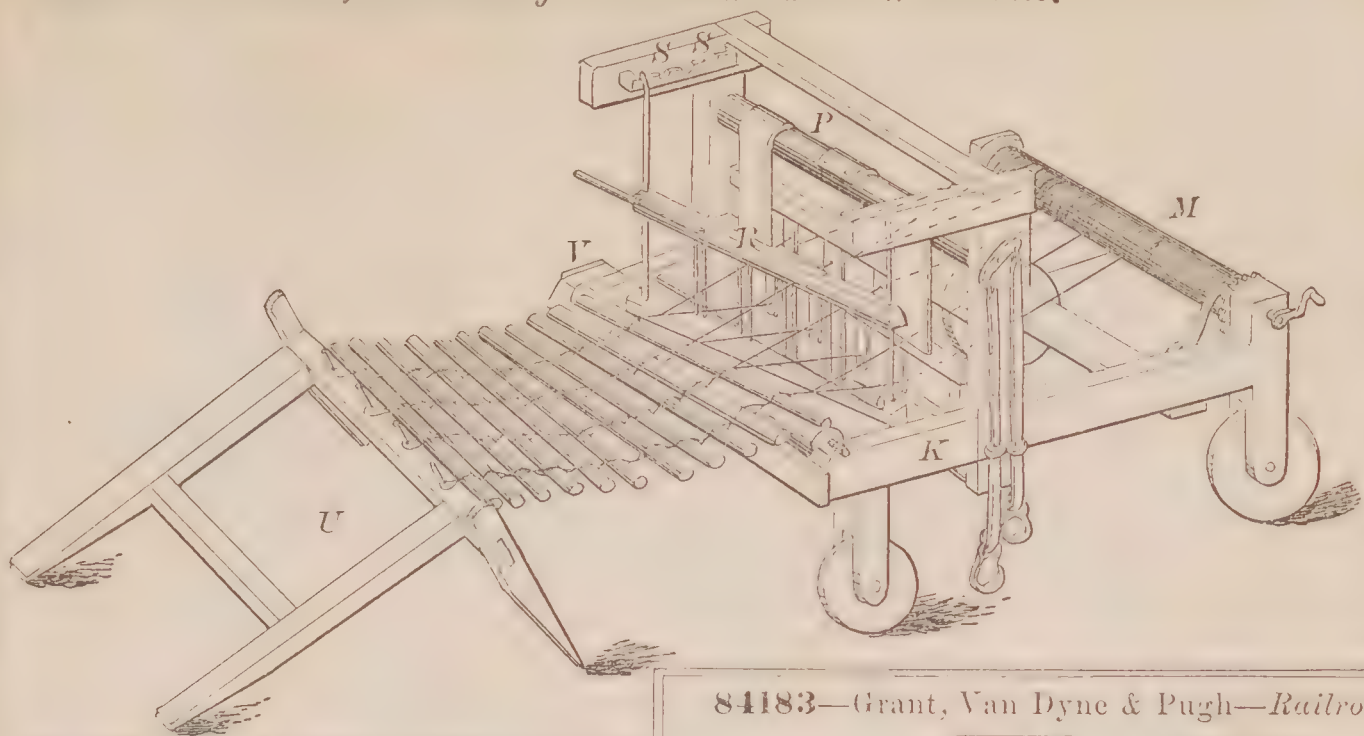
84176—C. E. Emery—*Pumping Engine.*



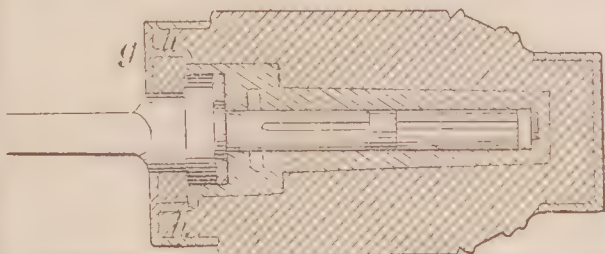


84177—W. F. Ensign—*Permutation Lock*.84181—E. Gibbs—*For Bending Scrolls*.84179—R. A. Fish—*Milking Pail*.84178—Filson & Kimert—*Corn Planter*.84182—C. Goodwin—*Windmill*.84184—A. A. Harmon—*Cultivator*.

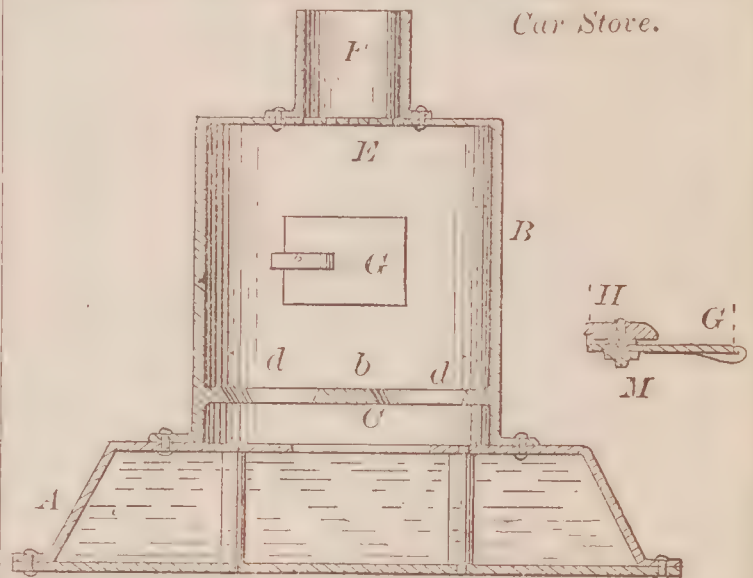
84180—G. Fletcher, Sr.—*Making Combined Wood and Wire Fence.*



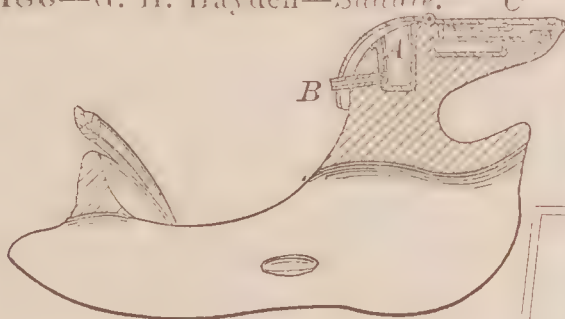
84185—E. P. Haskell—*Arle Box.*



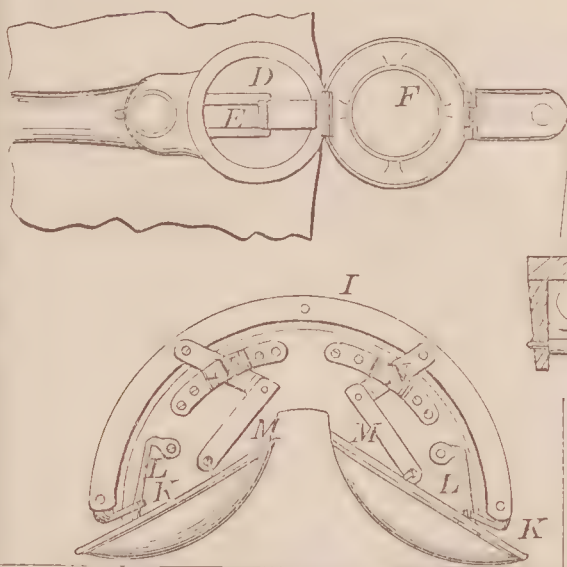
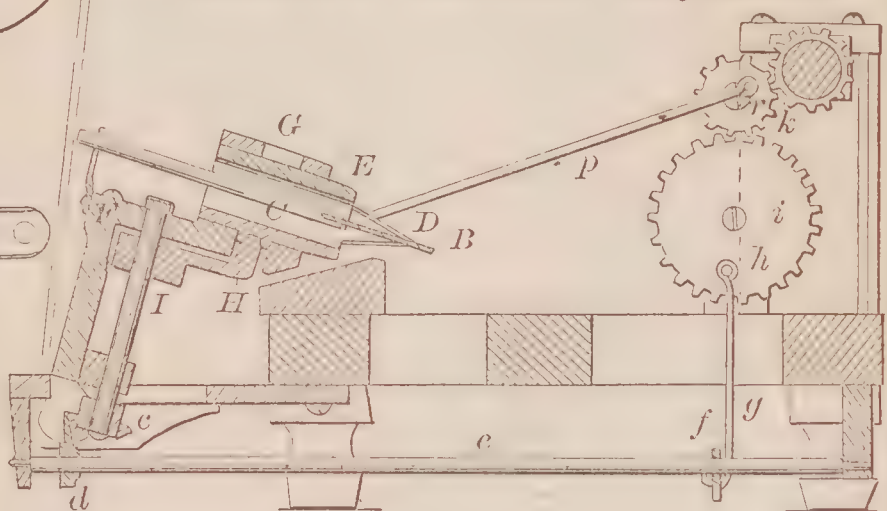
84183—Grant, Van Dyne & Pugh—*Railroad Car Store.*



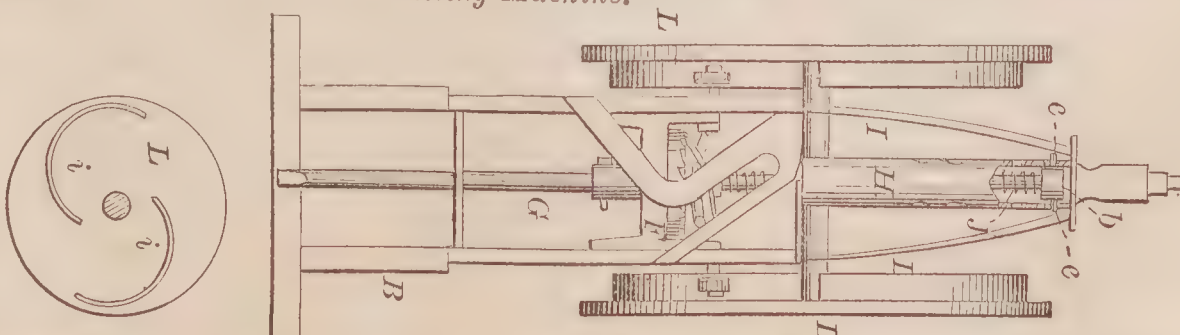
84186—G. H. Hayden—*Saddle.*



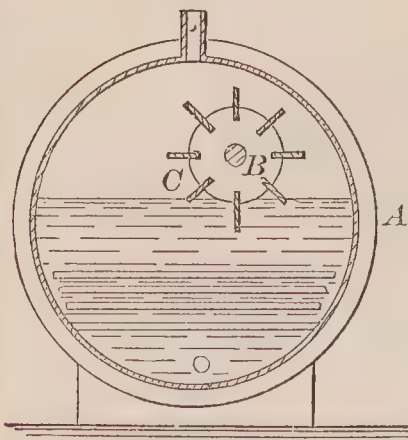
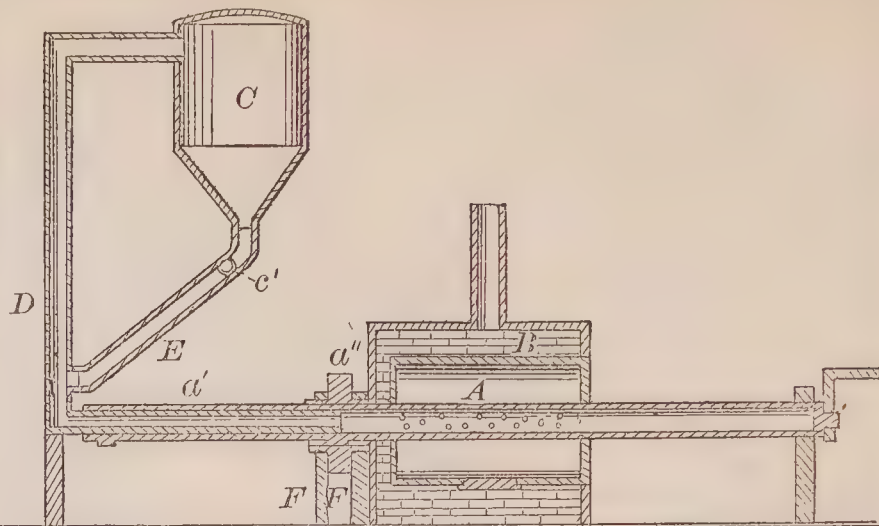
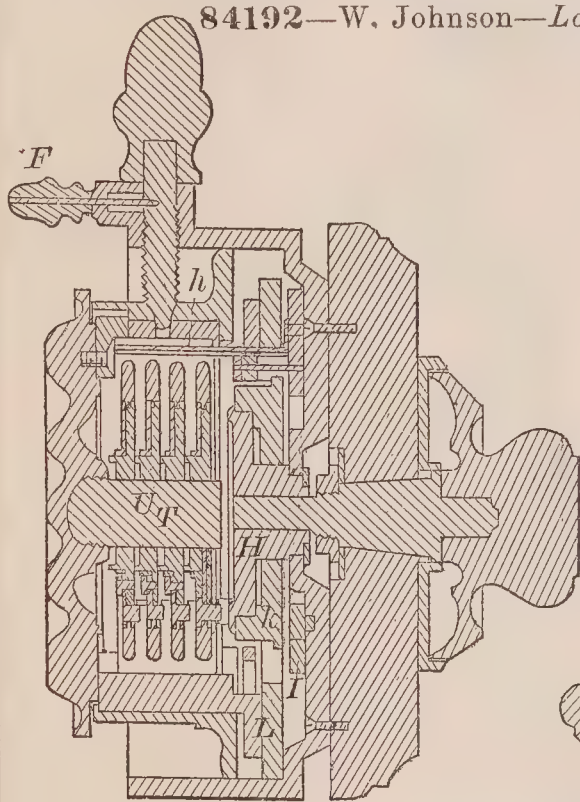
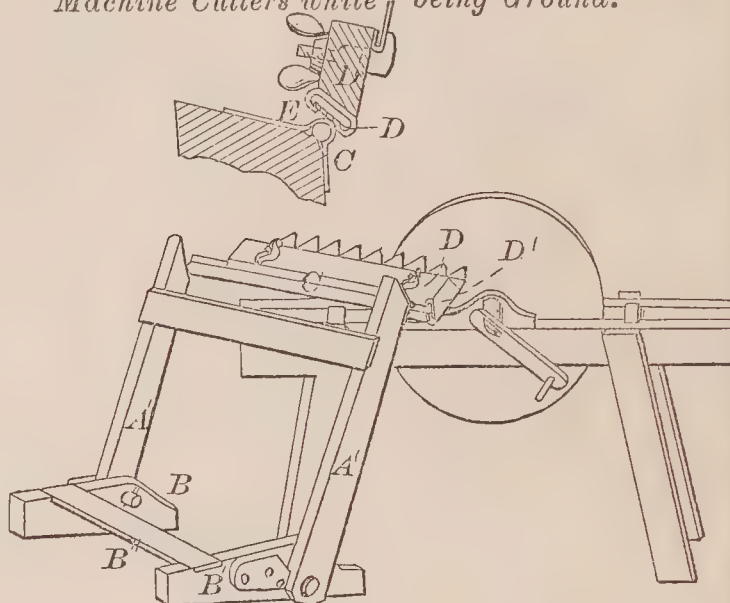
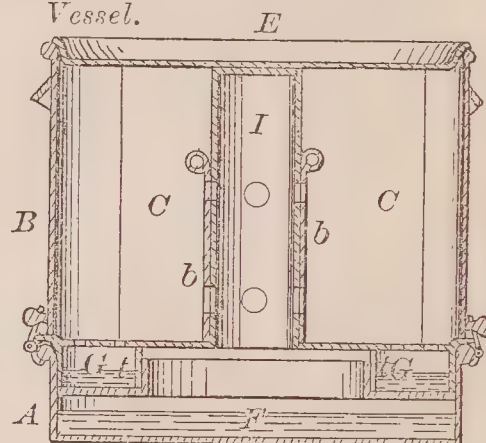
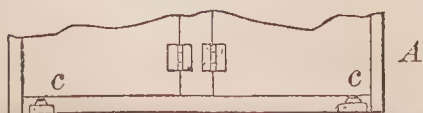
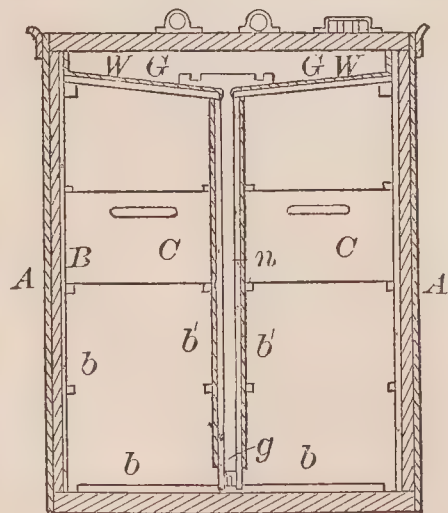
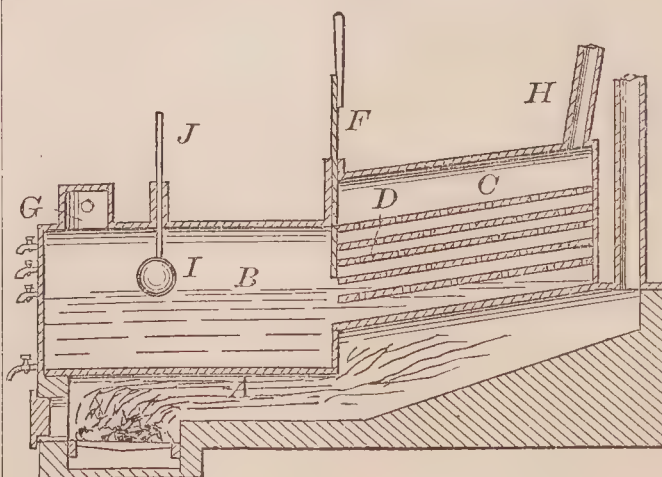
84189—C. D. Hunt—*Nail Cutting Machine.*



84188—C. W. Hermance—*Drilling Machine.*

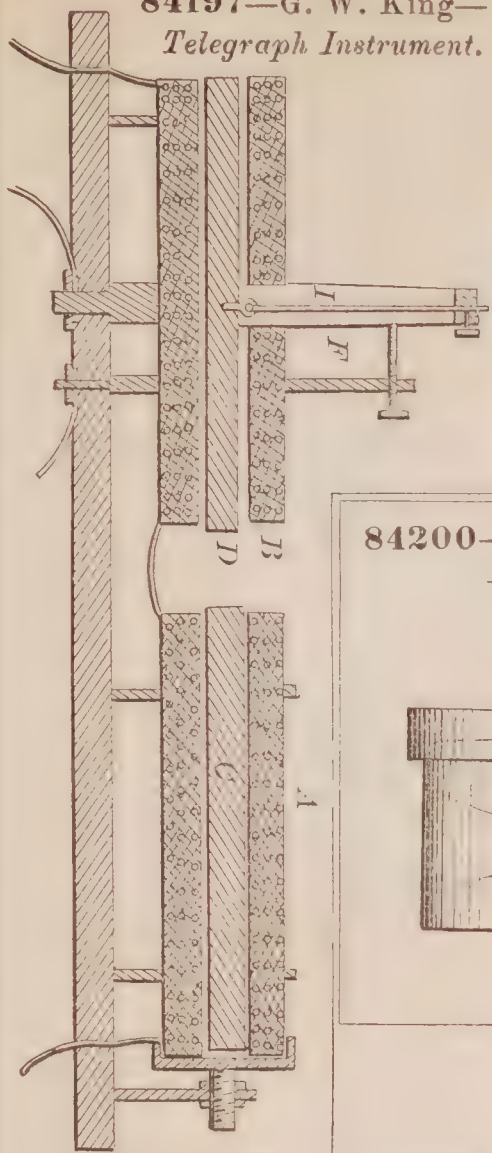




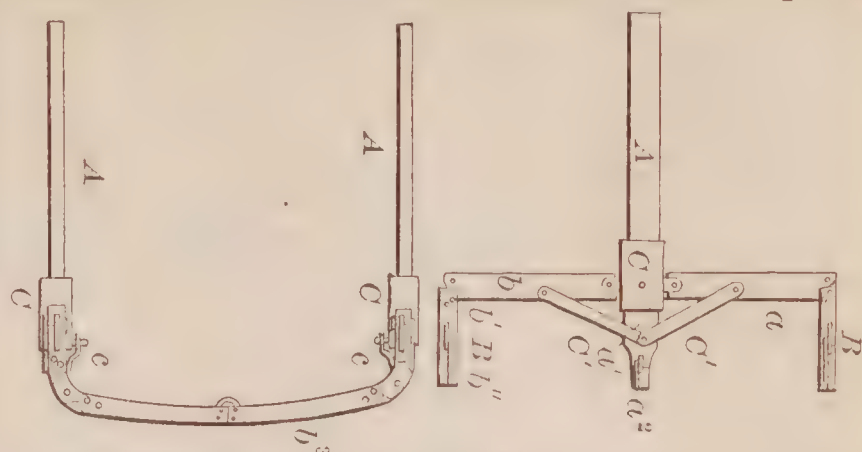
84190—S. Hosmer—*Tanning Apparatus.*84193—Johnston & Flansburgh—*For Roasting Coffee.*84192—W. Johnson—*Lock.*84191—D. W. Jameson—*For Holding Mowing Machine Cutters while being Ground.*84194—A. C. Kasson—*Culinary Vessel.*84196—T. D. Kellogg—*Refrigerator.*84195—E. G. Kelley—*Petroleum Still.*



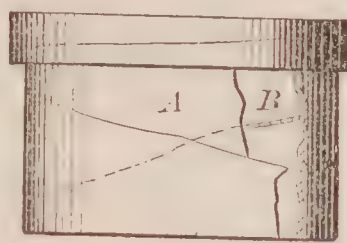
84197—G. W. King—  
*Telegraph Instrument.*



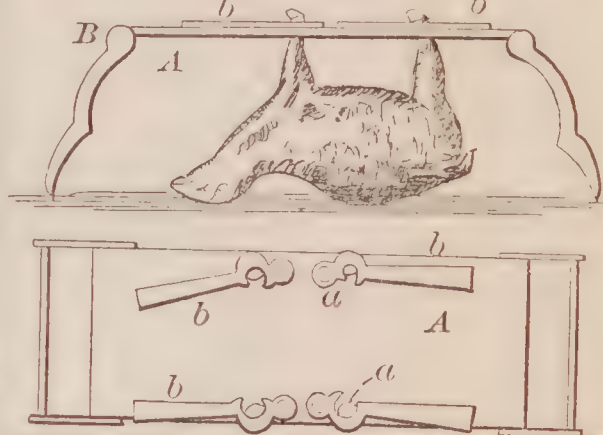
84199—La Halt, Listeman & Hadley—*Wagon Top Bow.*



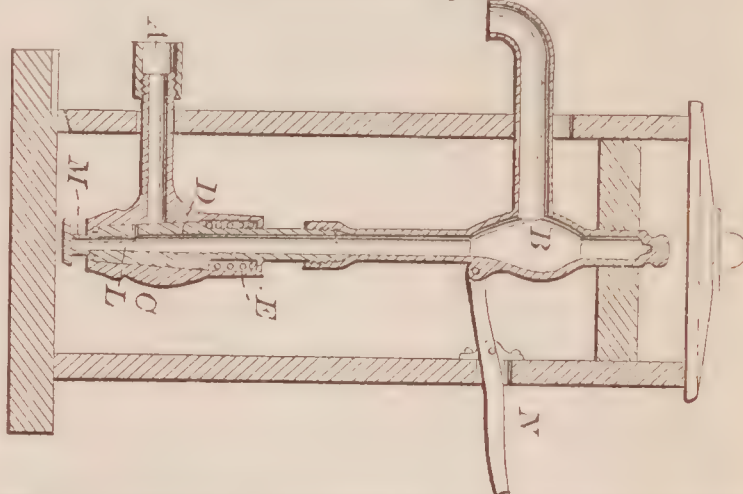
84200—J. J. Leighton—  
*Box.*



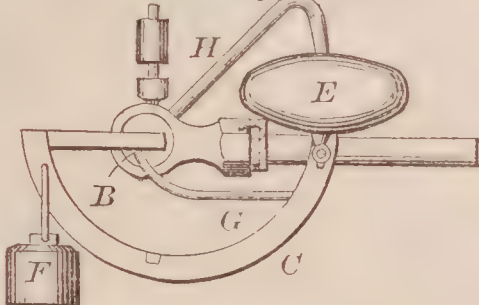
84198—G. D. A. Krigbaum—*For Holding Sheep.*



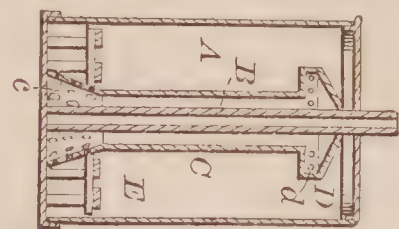
84202—J. W. Marshall—*Hydrant.*



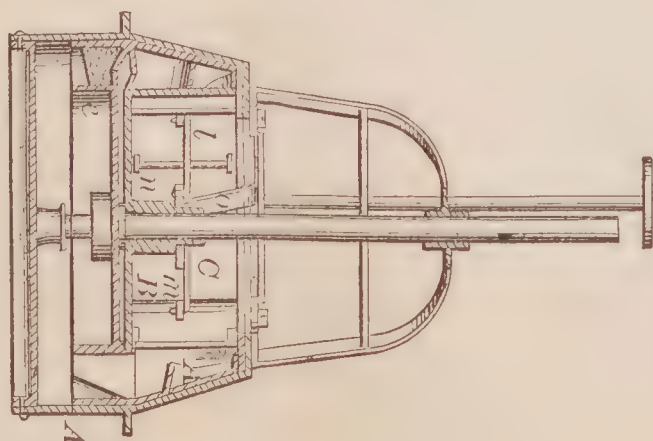
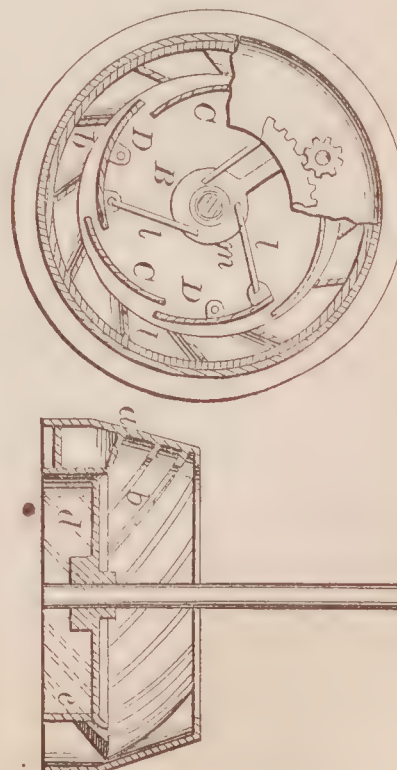
84201—E. W. Mandeville—*Low Water Alarm for Boilers.*



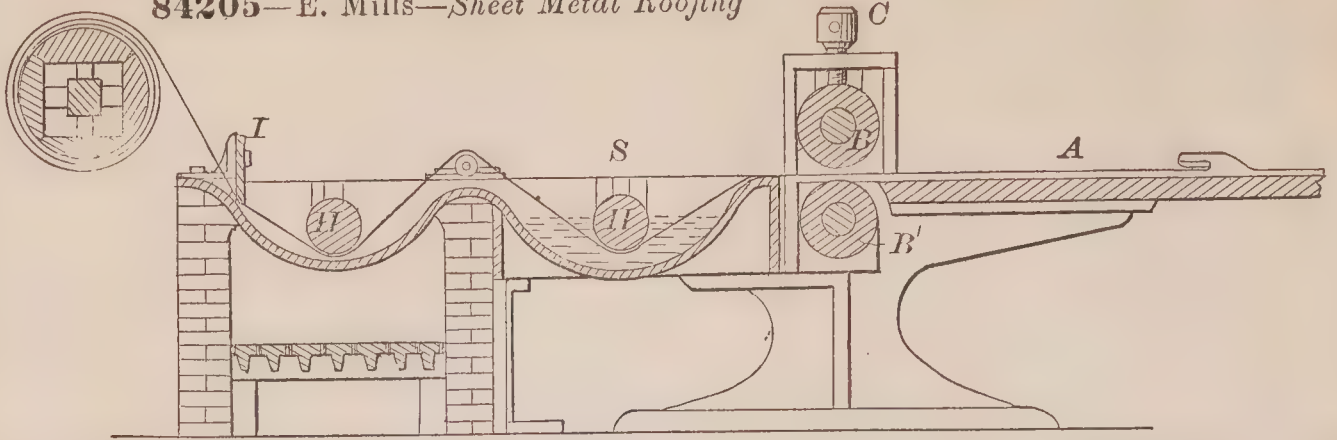
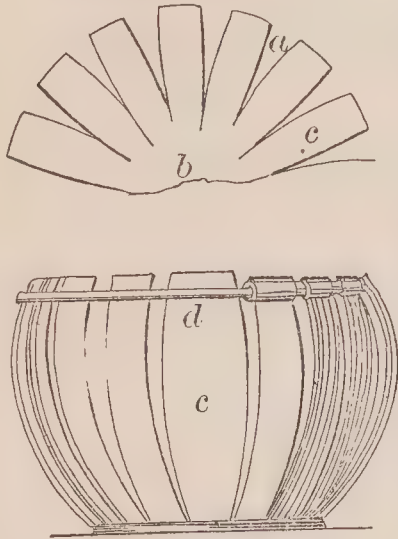
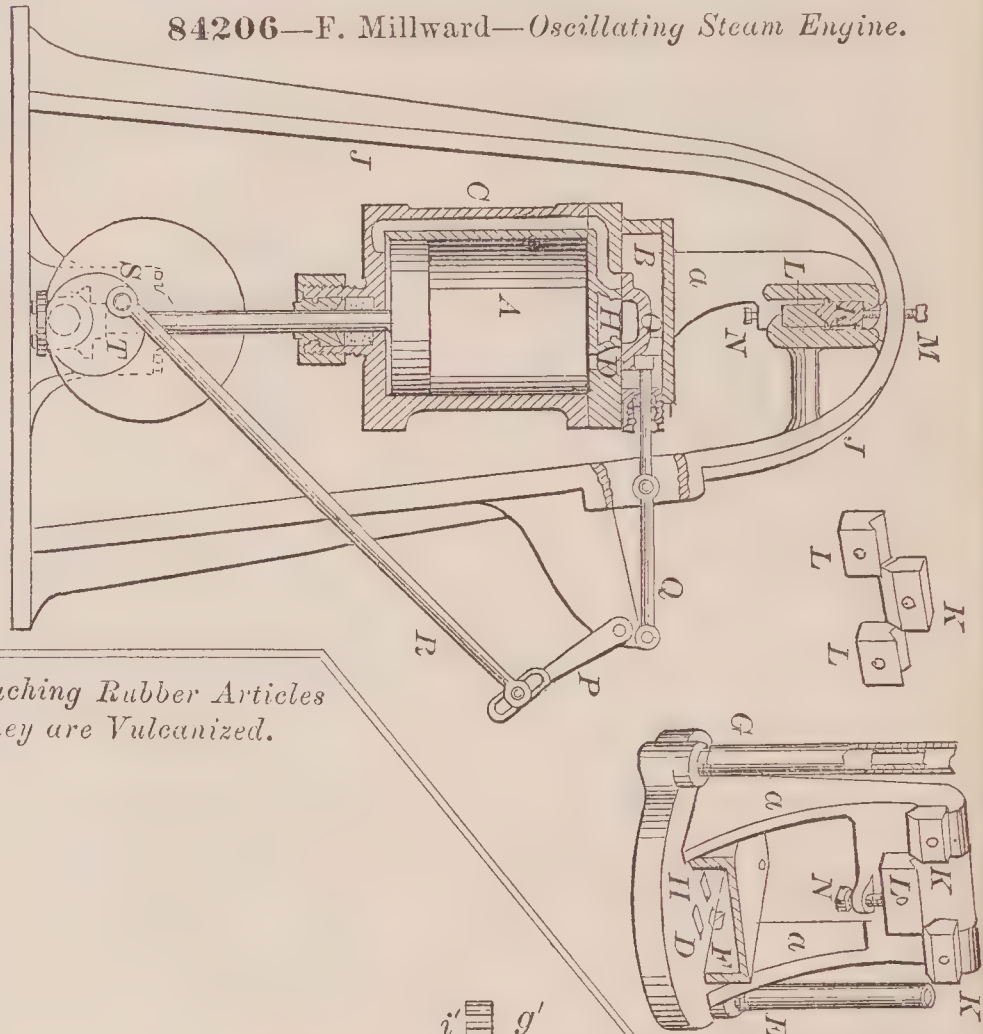
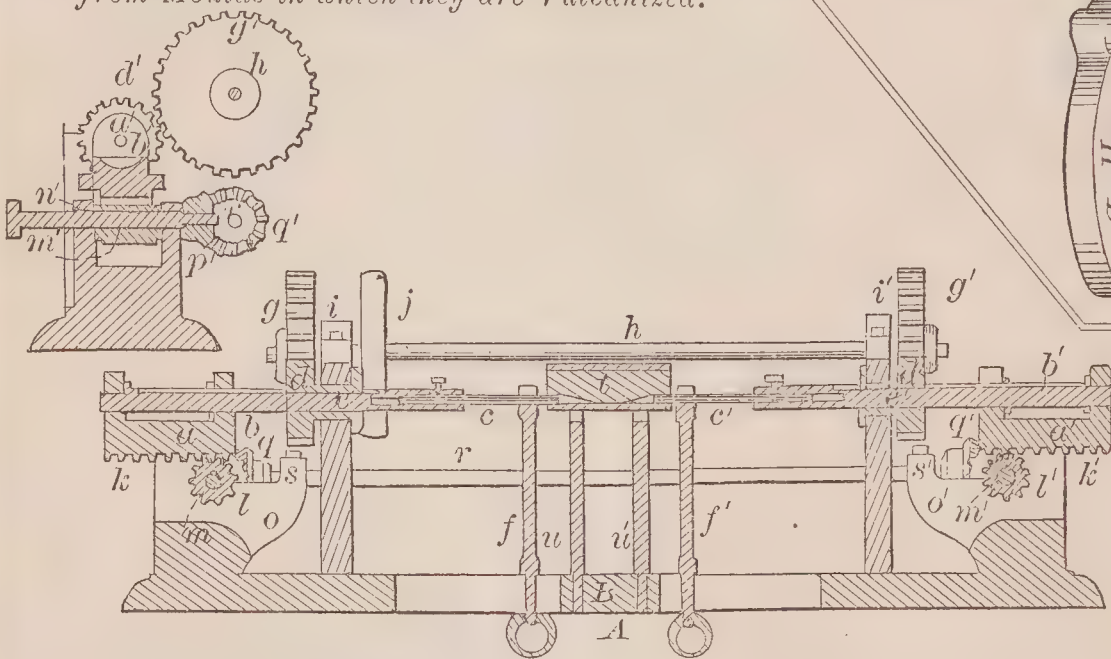
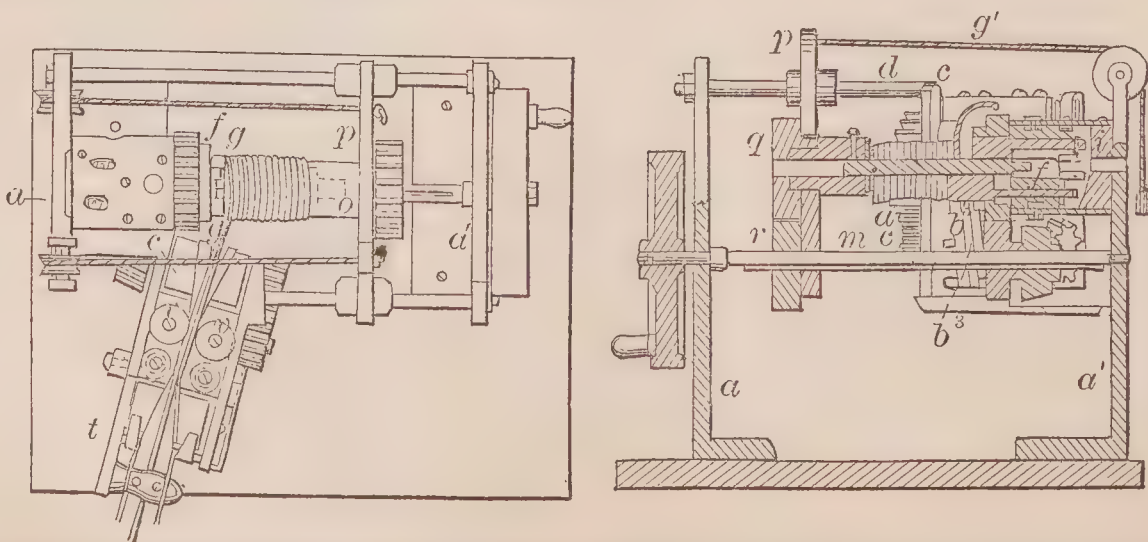
84204—A. Michel—*Wash Boiler.*



84203—A. M. Maynard—*Water Wheel.*



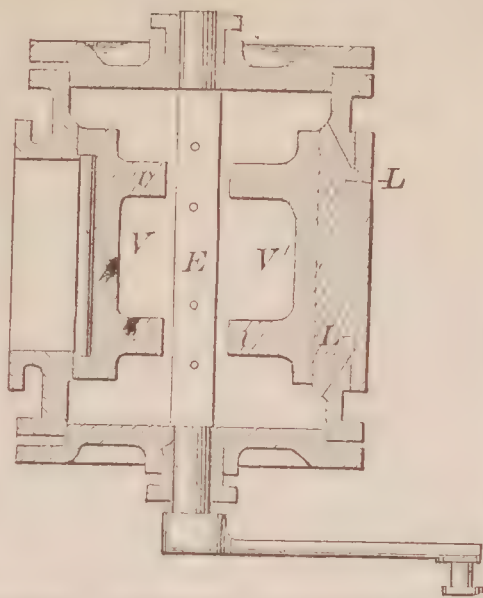


84205—E. Mills—*Sheet Metal Roofing*84207—C. Moore—*Fruit Basket.*84206—F. Millward—*Oscillating Steam Engine.*84209—J. Moulton—*Detaching Rubber Articles from Moulds in which they are Vulcanized.*84208—J. Moulton—*Manufacture of Elastic Rolls and Tubes*

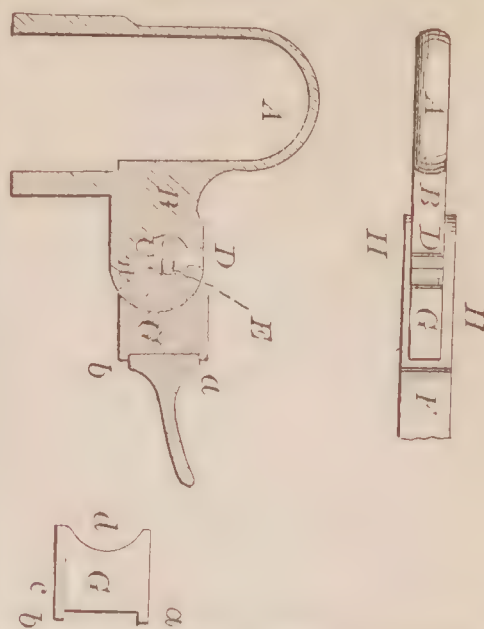
84210—D. Munson—Lightning Rod.



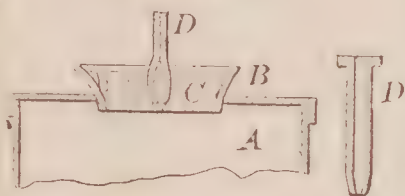
84211—F. S. Pease—Steam Valve.



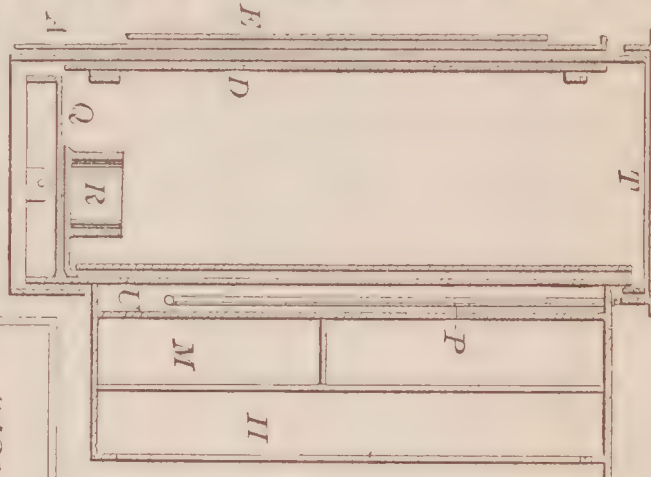
84212—L. Pentz—Thill Coupling.



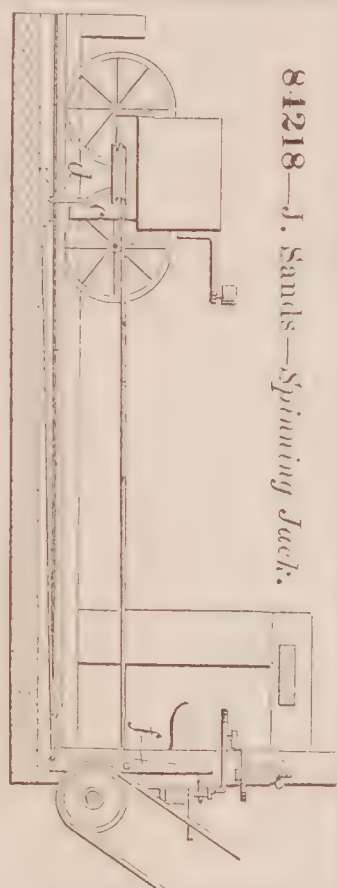
84214—N. Raymer—Fruit Jar.



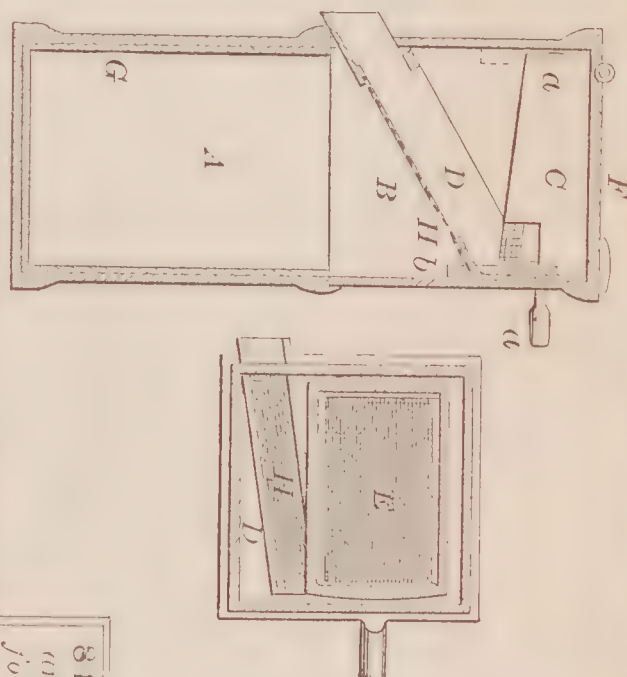
84213—G. W. Putnam—Pocket Lantern.



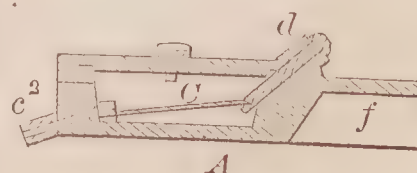
84218—J. Sands—Spinning Jack.



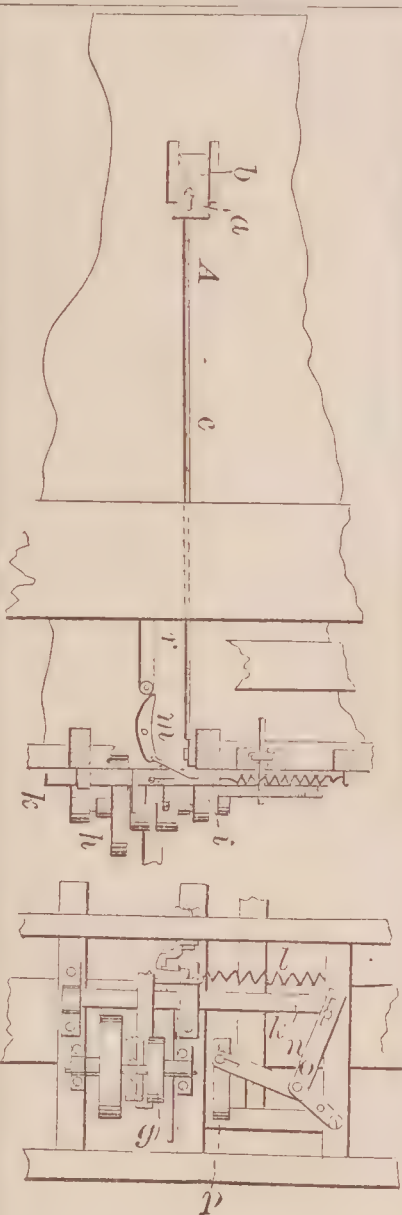
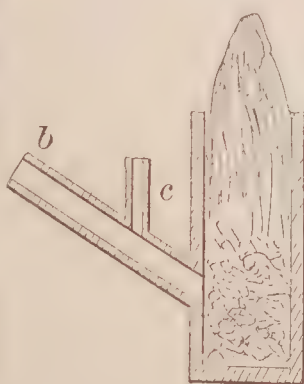
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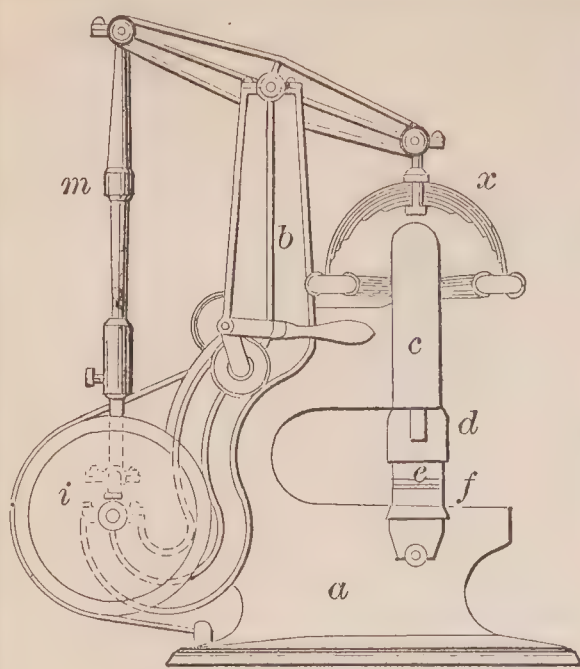
84215—J. W. Rhoades—Oil Box.



84220—T. Shaw—Generating and Applying Carbonic Oxide for Treating Metals.

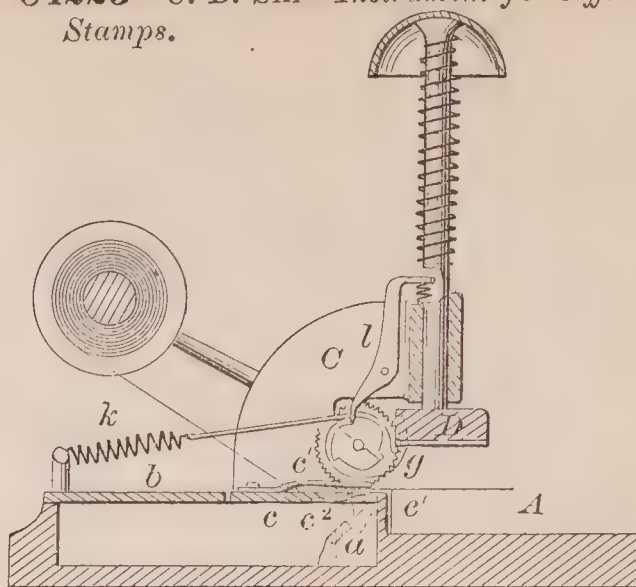




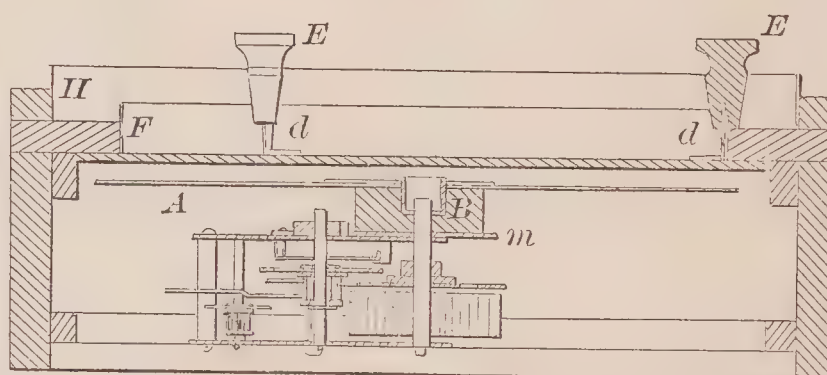
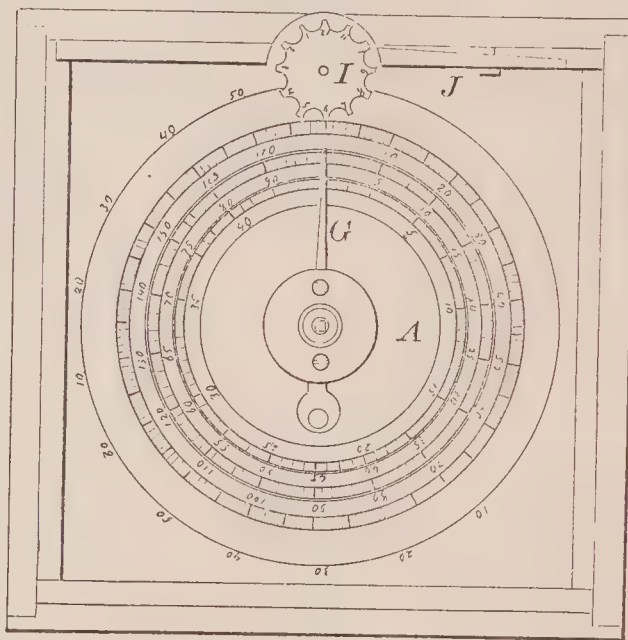


84221—T. Shaw—Power Hammer.

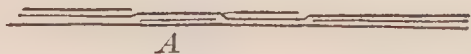
84223—C. B. Sill—Instrument for Affixing Stamps.



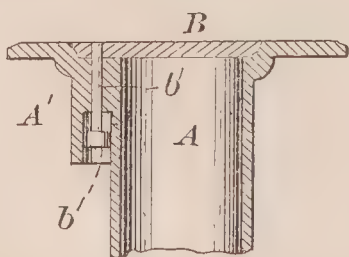
84226—K. Smith—Register for Time and Price.



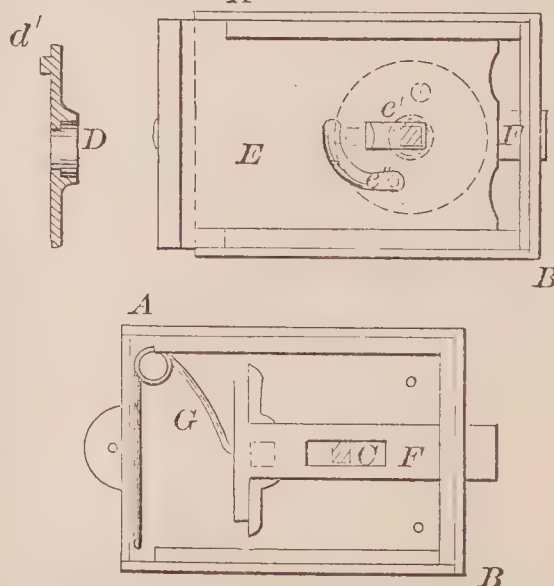
84225—H. F. Smart—For Printing in Colors.



84222—F. Shickle—Hydrant and Gas Pipe Stop.

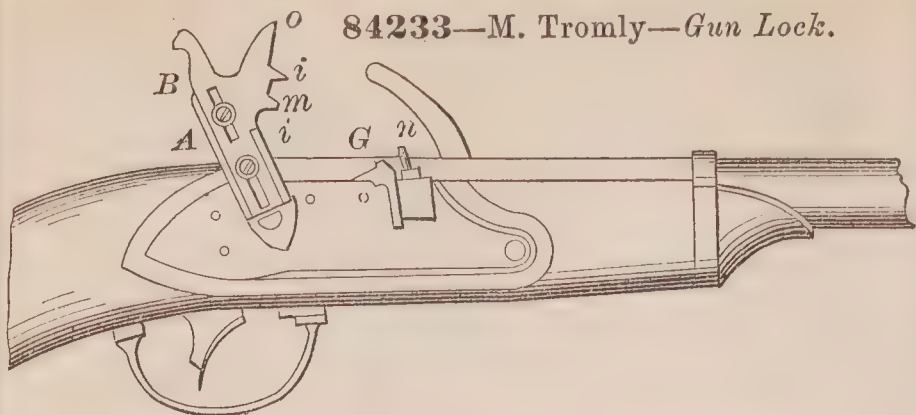
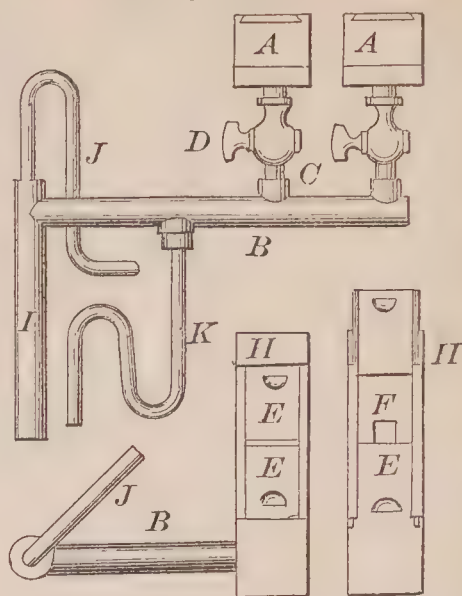
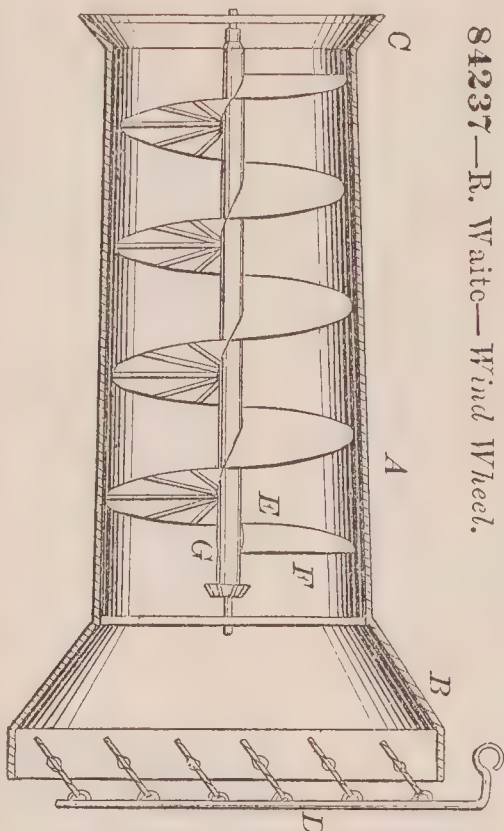
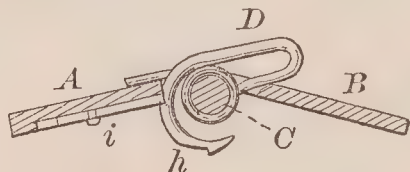
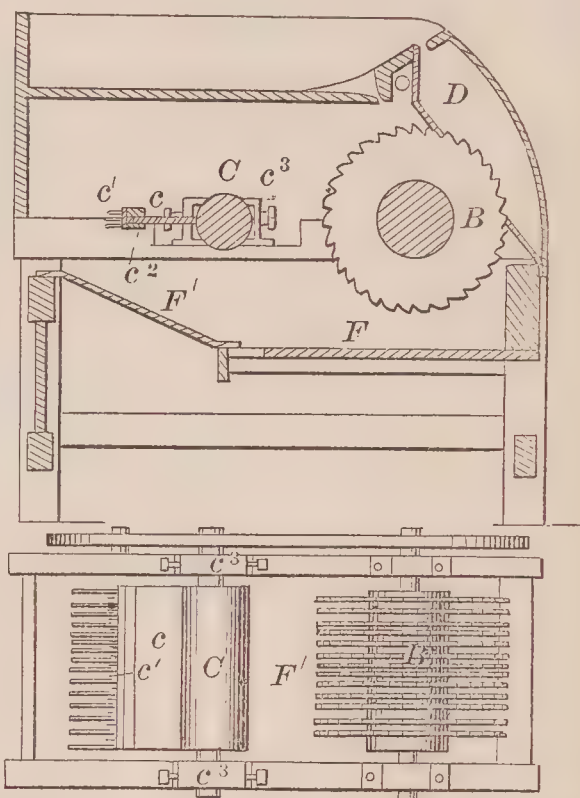
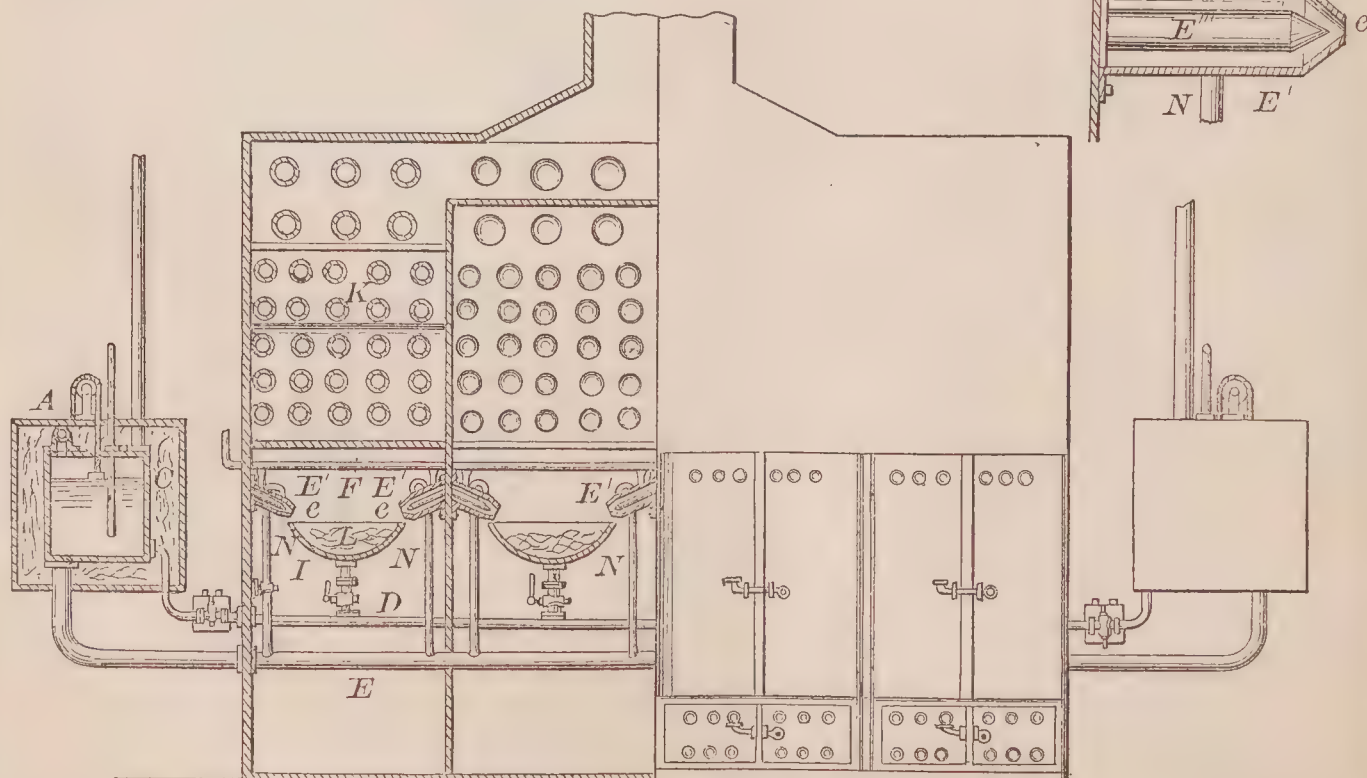


84227—A. Spangler—Latch.

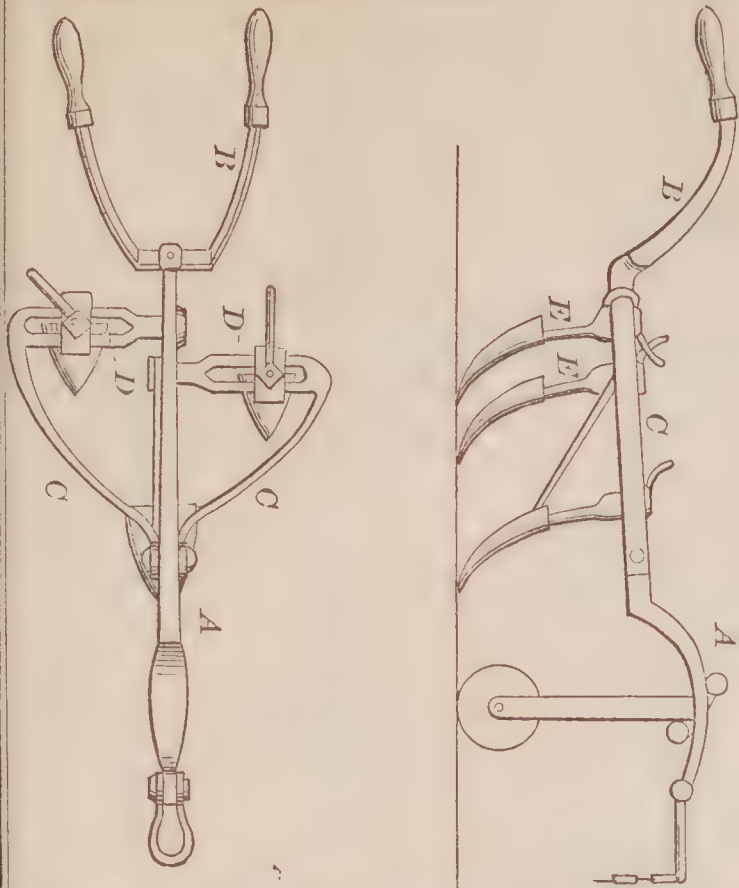




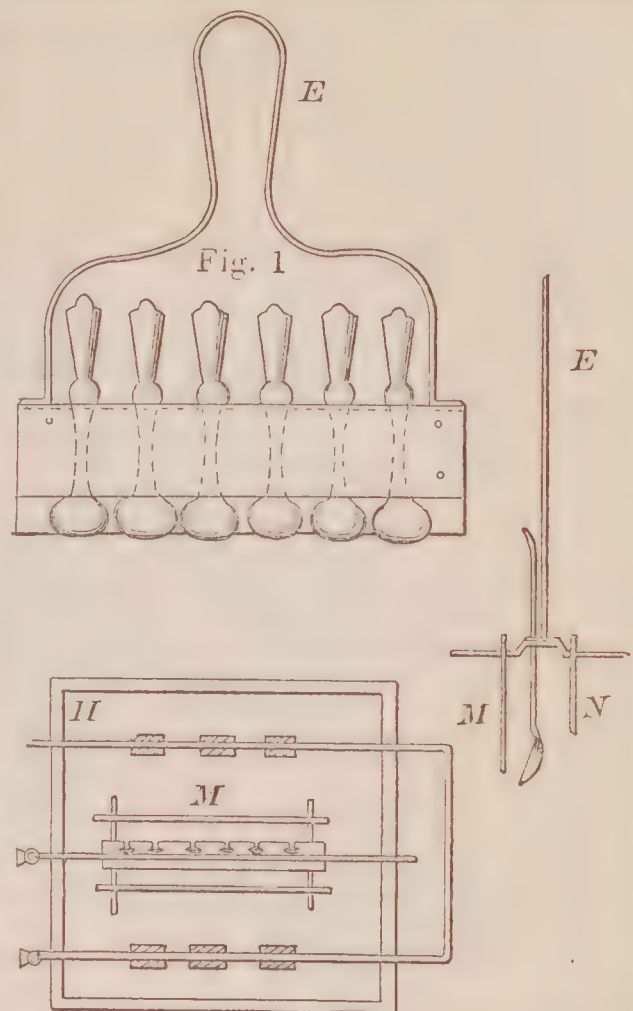


84233—M. Tromly—*Gun Lock.*84235—J. Viney—*Paper Making Machine.*84239—B. Weimann—*Steam Whistle.*84237—R. Waite—*Wind Wheel.*84240—W. Wells—*Spring But.*84236—Wardsworth & Semple—*For Picking Wool.*84234—L. Verstraet—*Hydro-Carbon Burner.*

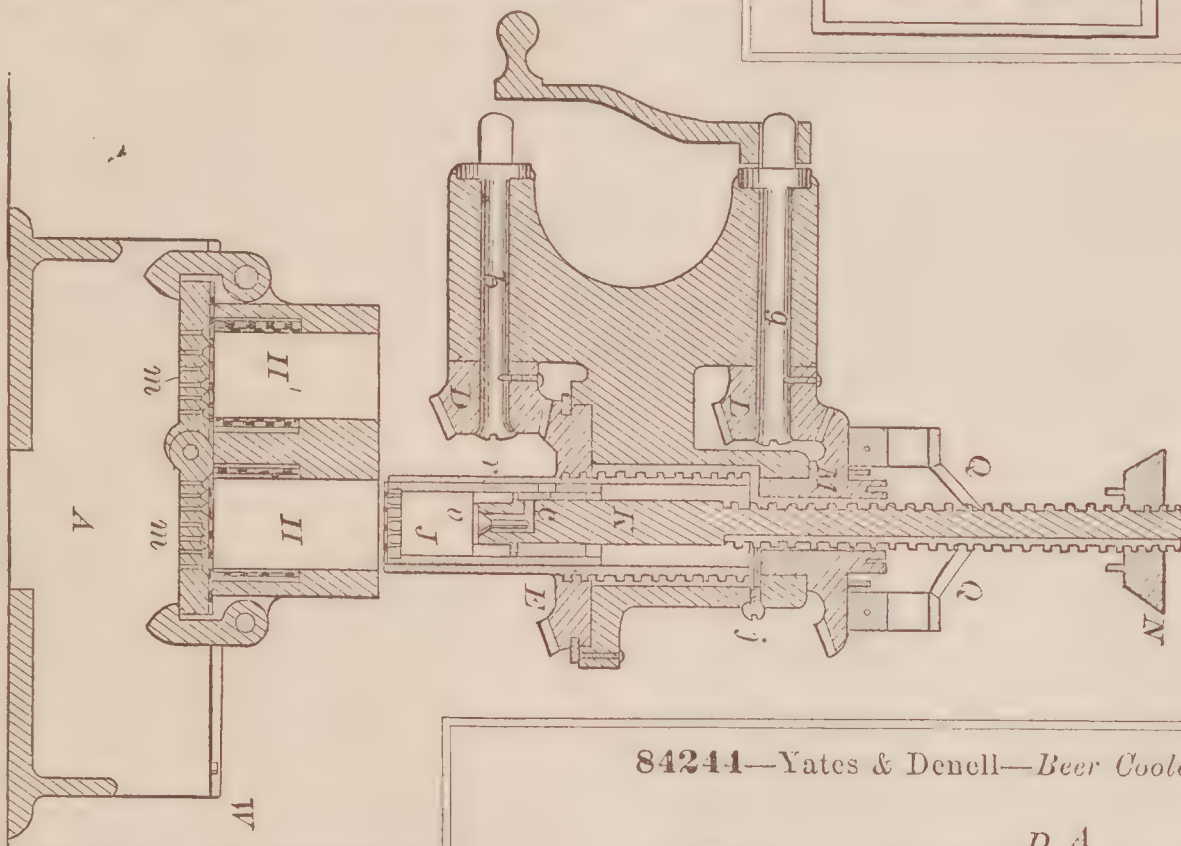
84238—T. Waite—*Cultivator.*



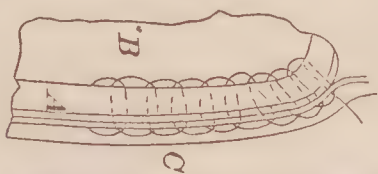
84243—J. P. Woodworth—*Electroplating.*



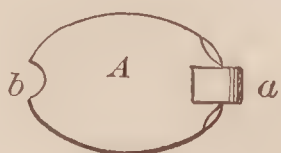
84246—R. Smith—*Manufacture of Paper Boxes.*



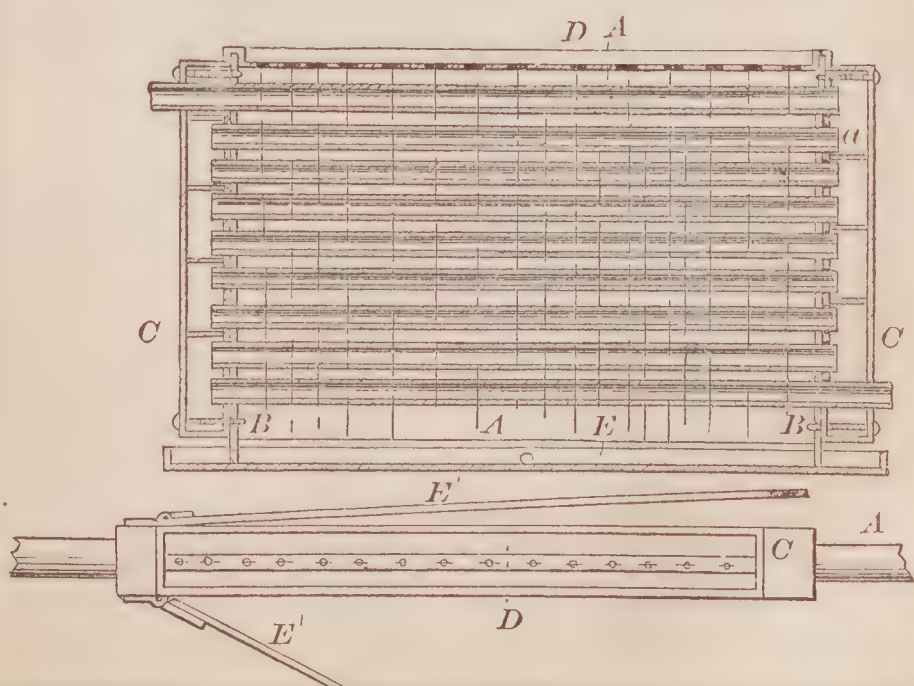
84245—A. Destouy—*Boots and Shoes.*



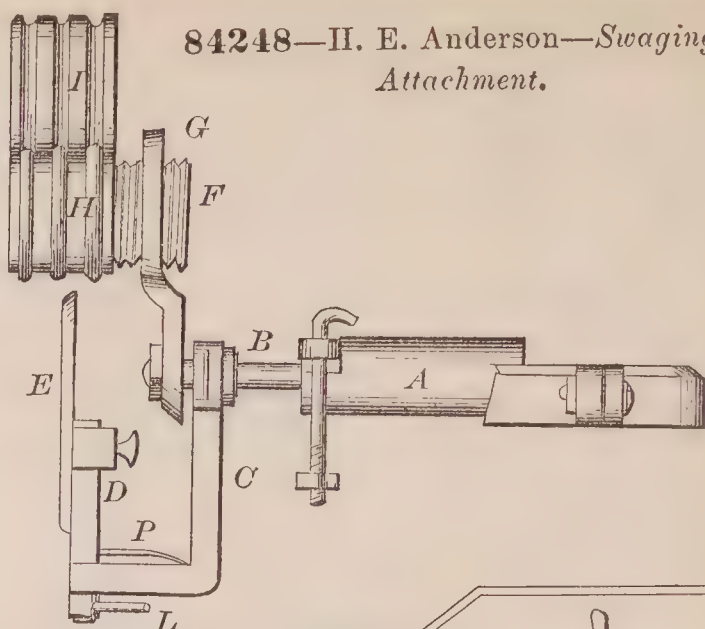
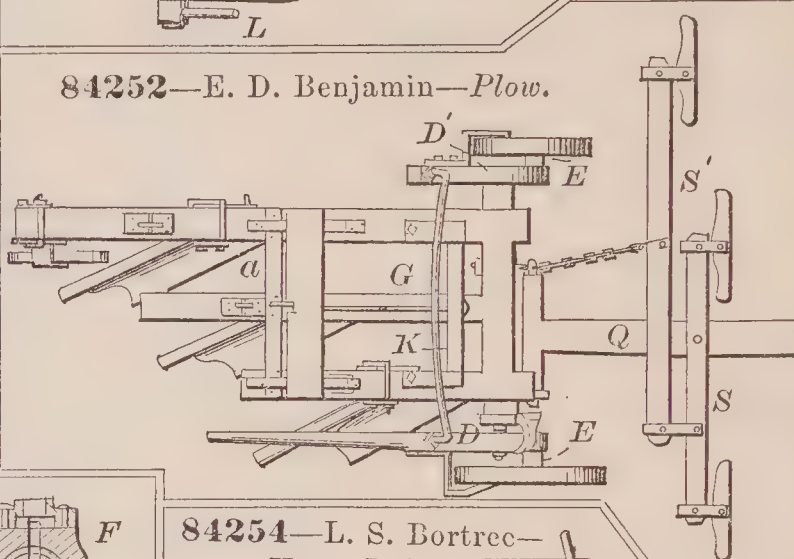
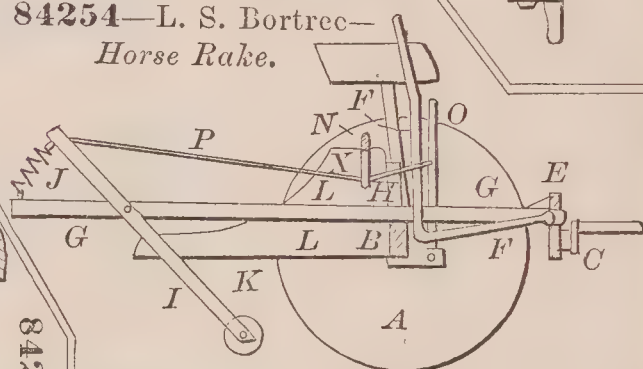
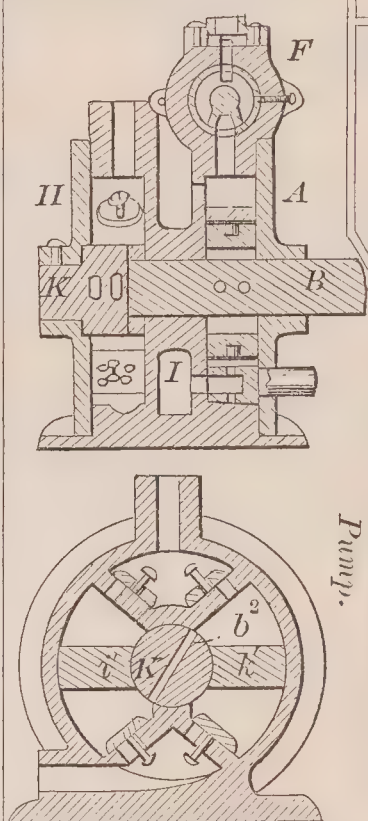
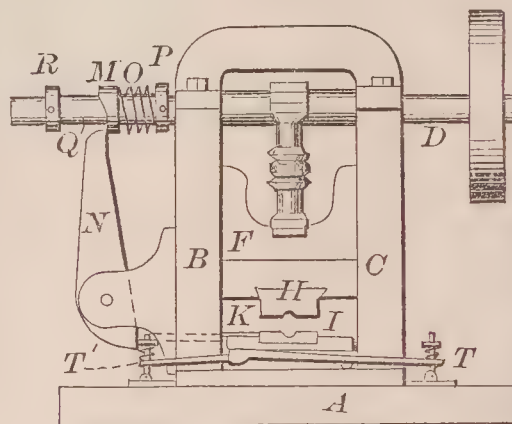
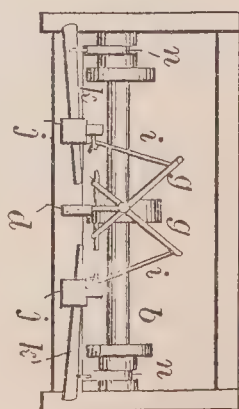
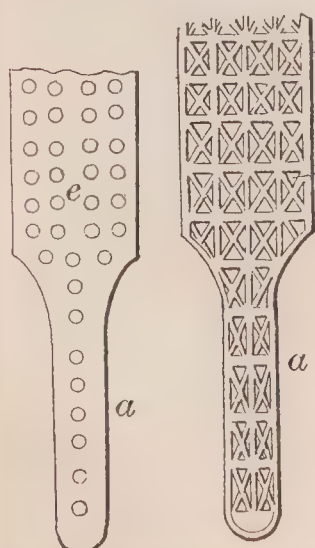
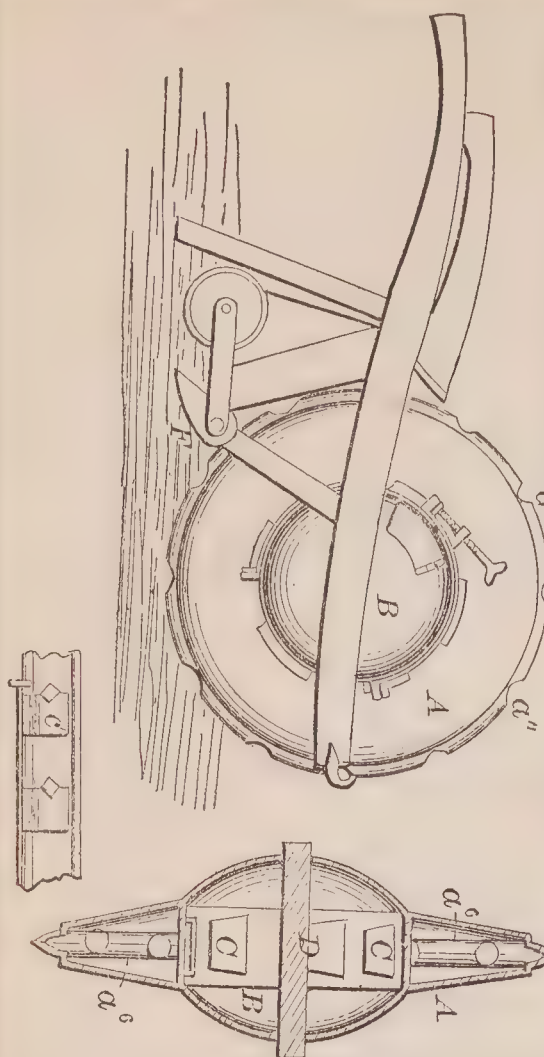
84242—J. Winkler—*Froth Arrestor for Beer Glasses.*



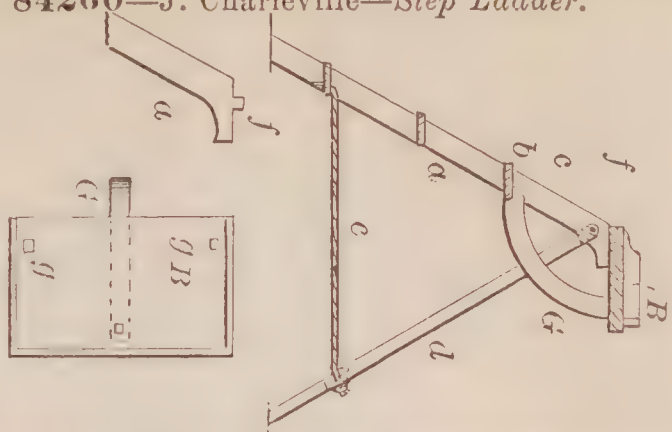
84244—Yates & Denell—*Beer Cooler.*



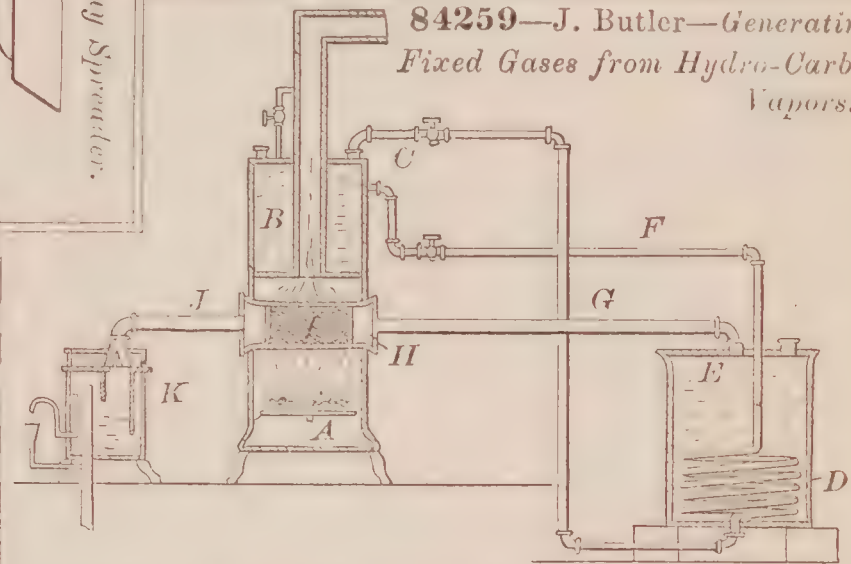


84248—H. E. Anderson—*Swaging Attachment.*84252—E. D. Benjamin—*Plow.*84254—L. S. Bortree—*Horse Rake.*84251—J. S. Barden—*Steam Pump.*84256—E. Brown—*Hinge Machine.*84253—Booth & Sanderson—*Loom.*84255—A. R. Brown—*Bandage for Preternatural Enlargements.*84247—S. L. Allen—*Planting Machine.*

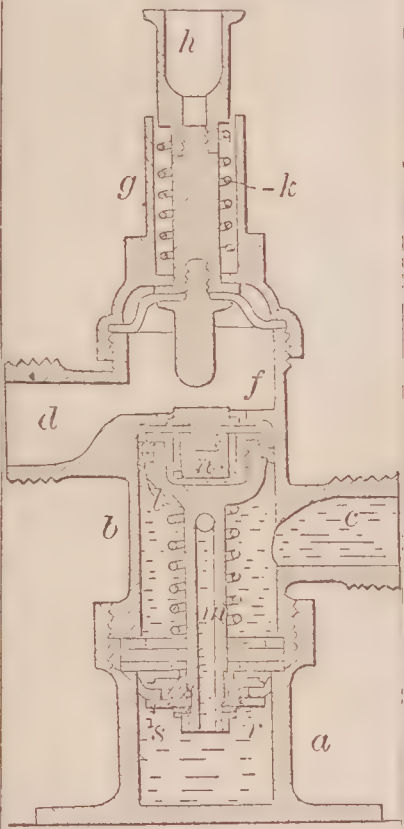
84260—J. Charleville—Step Ladder.



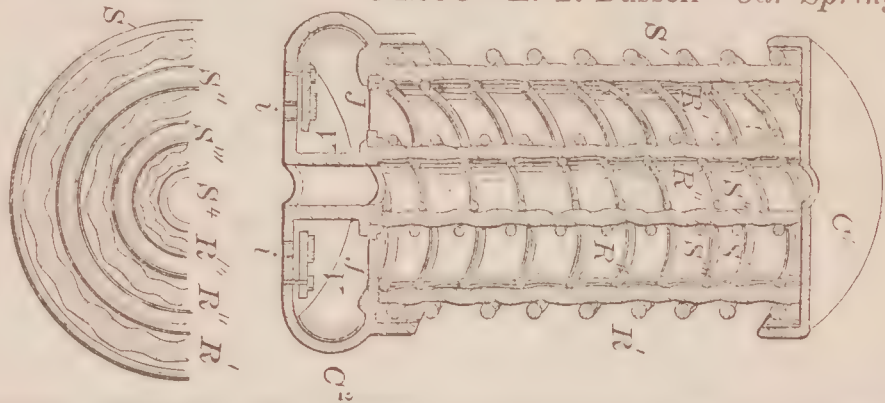
84259—J. Butler—Generating Fixed Gases from Hydro-Carbon Vapors.



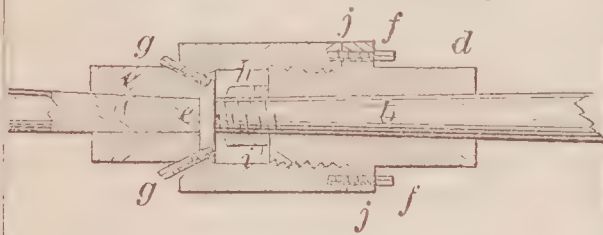
84262—H. H. Craigie—Water Closet.



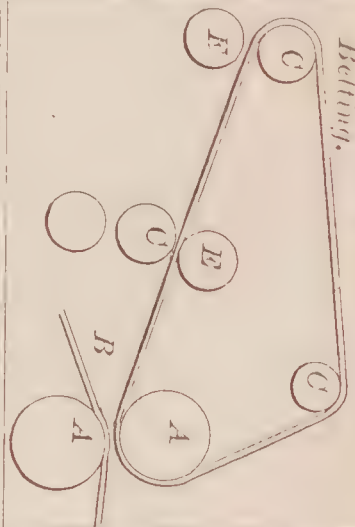
84258—E. T. Bussell—Car Spring.



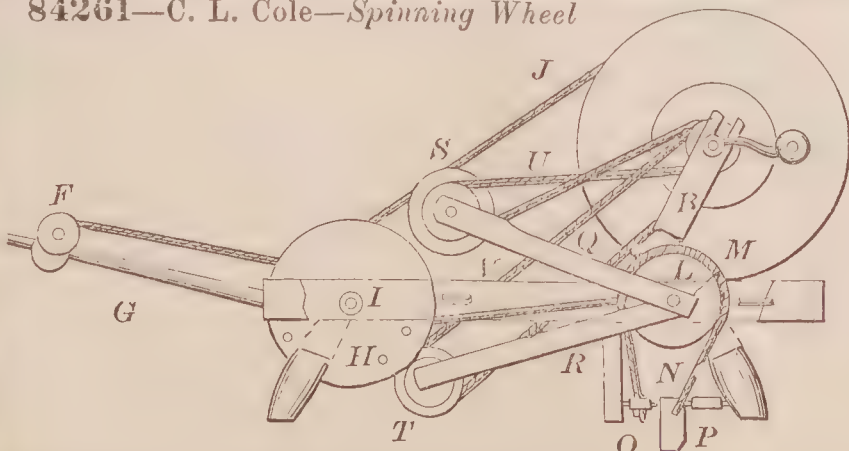
84264—Cummings, Pattee & Shaw—Divided Axle for Railways.



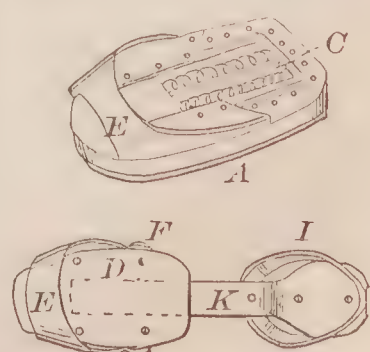
84263—J. B. Crane—Paper Belting.



84261—C. L. Cole—Spinning Wheel

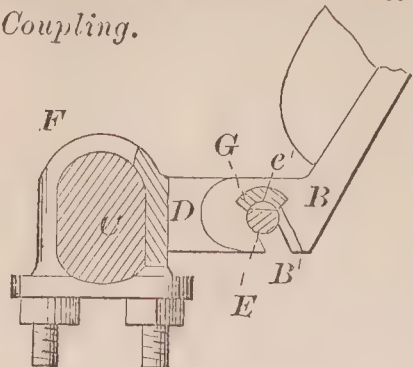


84267—J. A. Davis—Clog.

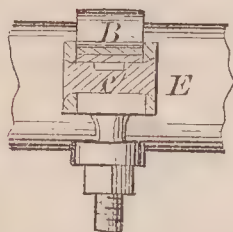
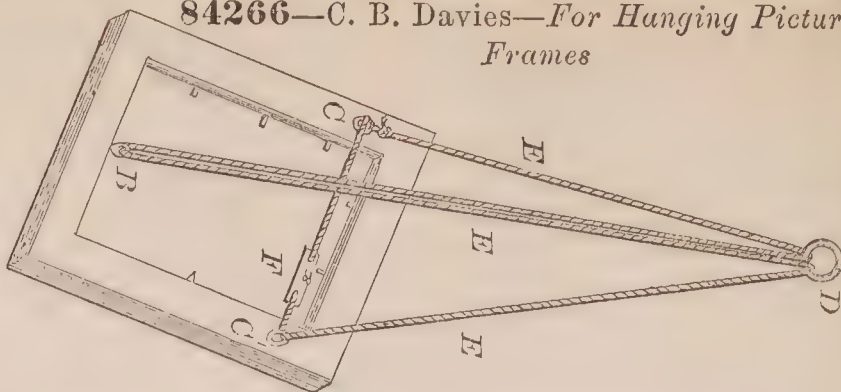




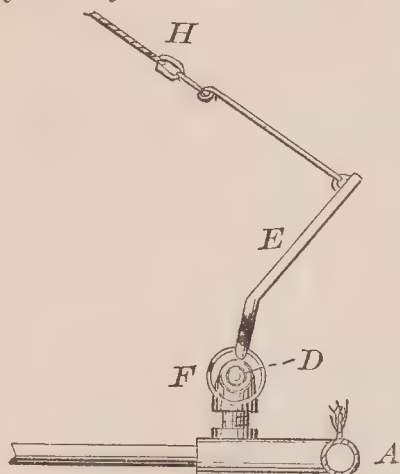
84265—W. H. Curtiss—*Thill Coupling.*



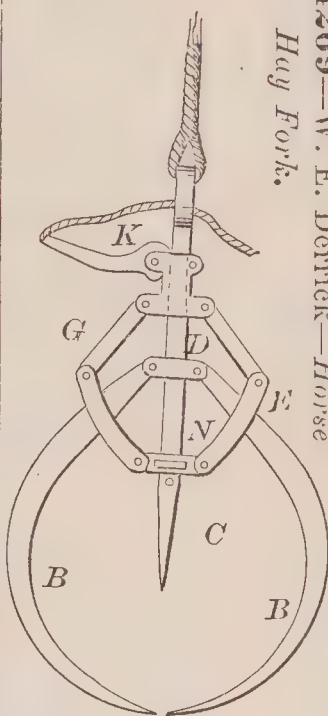
84266—C. B. Davies—*For Hanging Picture Frames*



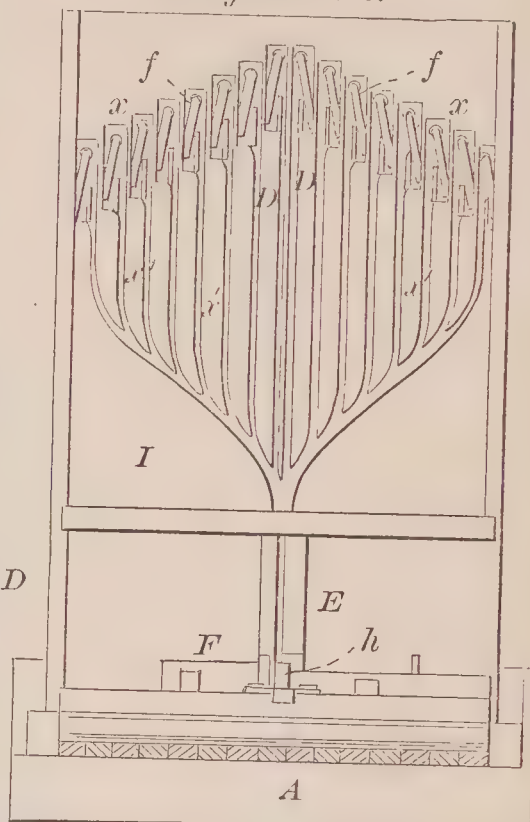
84270—O. E. Dodge—*Reflector for Public Halls.*



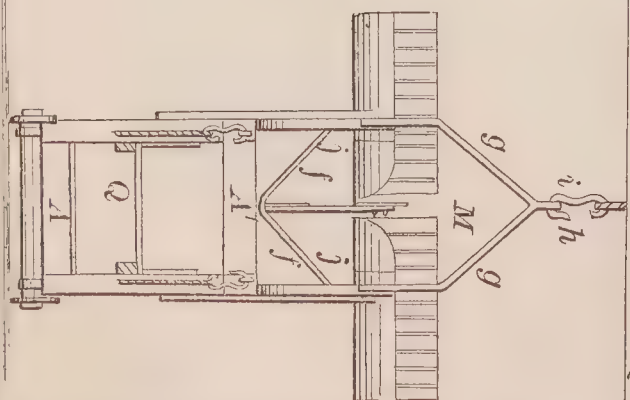
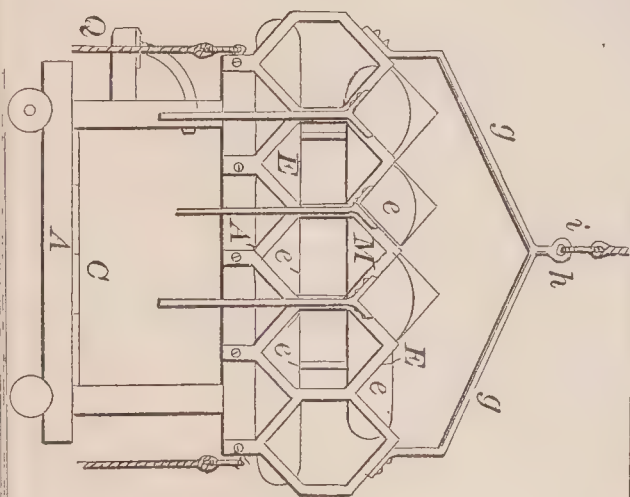
84269—W. E. Derrick—*Horse Hay Fork.*



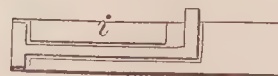
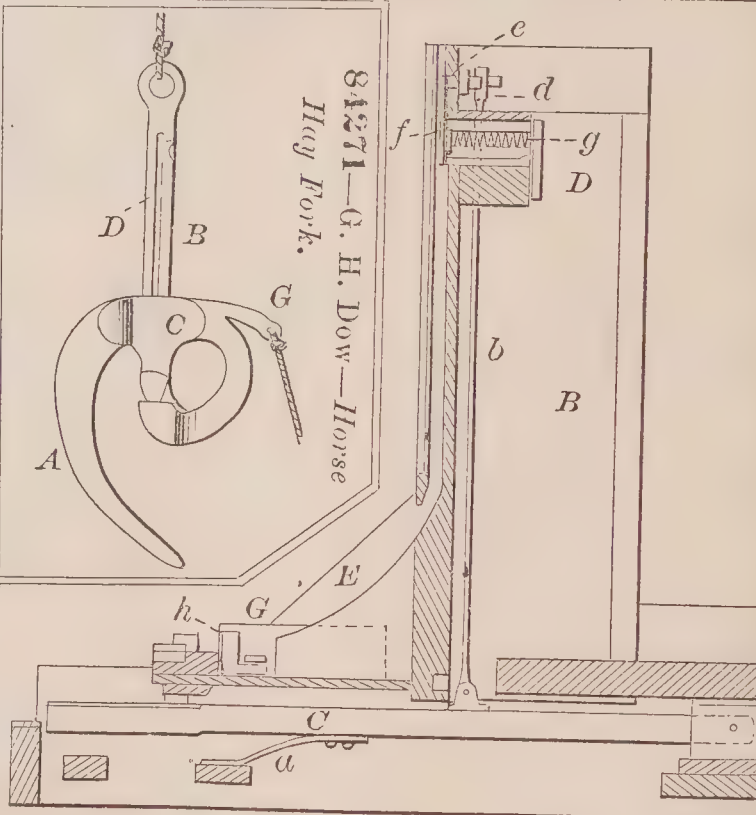
84273—F. G. Foster—*Type Setting Machine.*



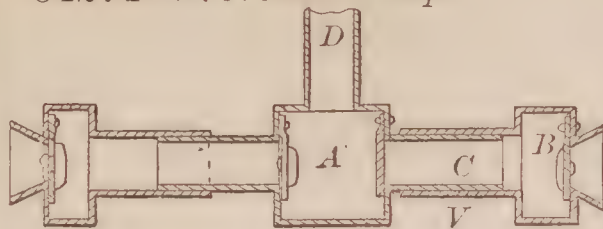
84268—P. Dehlinger—*Hod Elevator.*



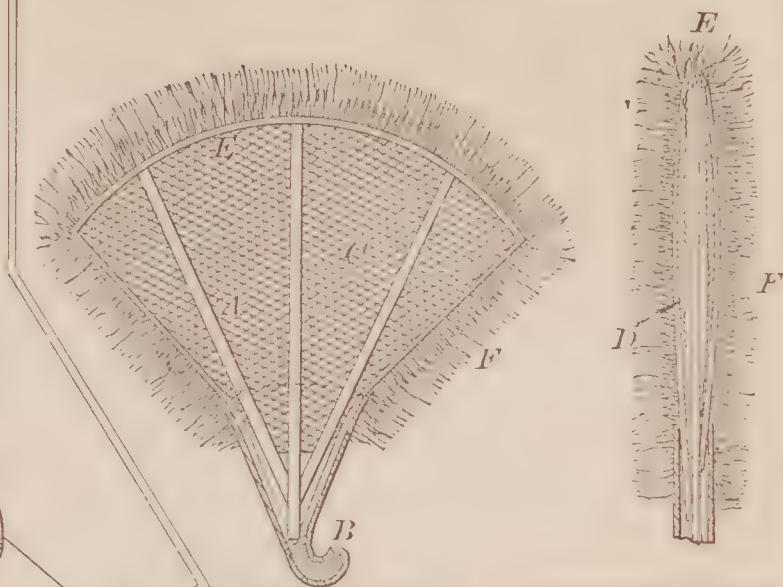
84271—G. H. Dow—*Horse Hay Fork.*



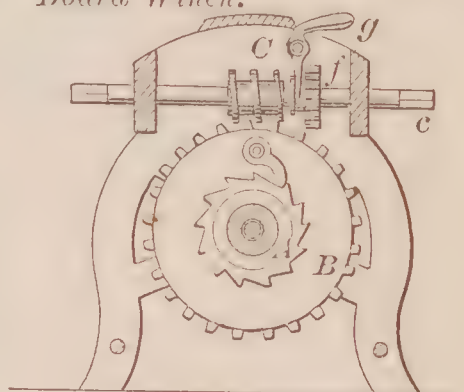
84274—E. J. Hall—*Pump.*



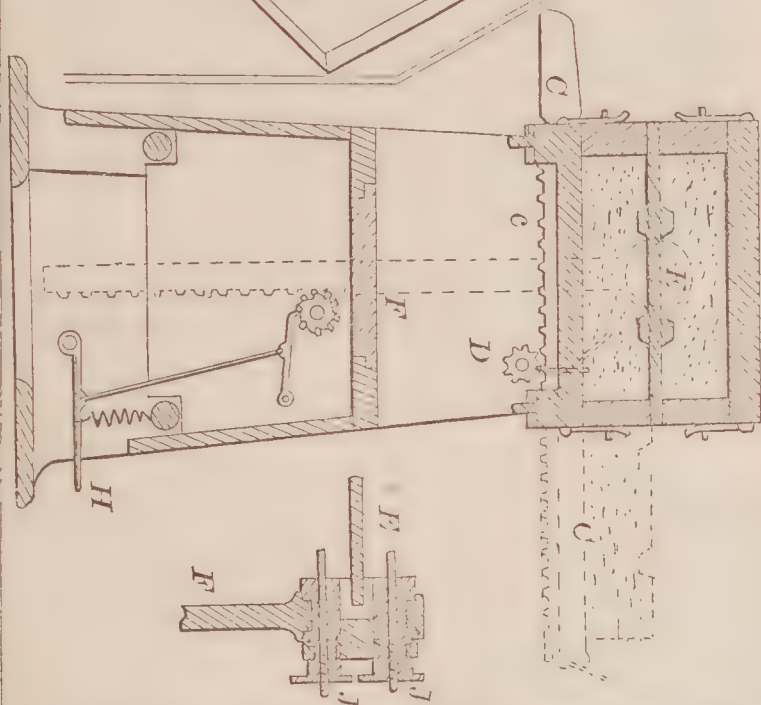
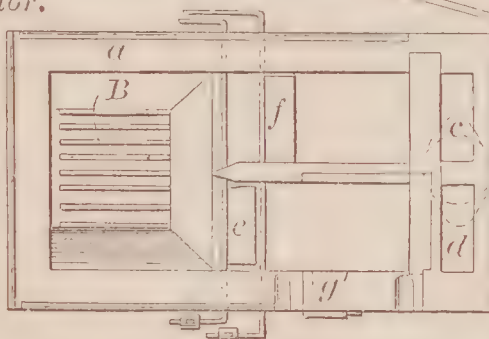
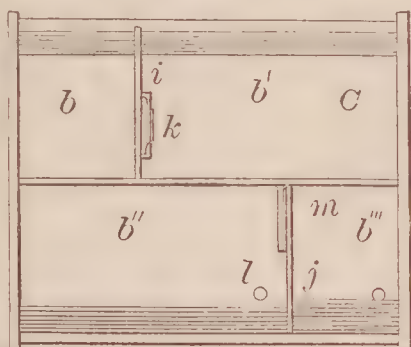
84276—A. B. Hancock—*Fan.*



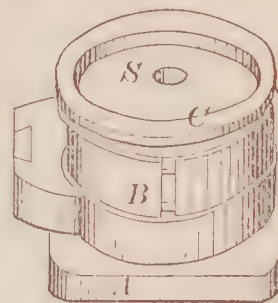
81275—E. C. Hammond—*Centre Board Winch.*



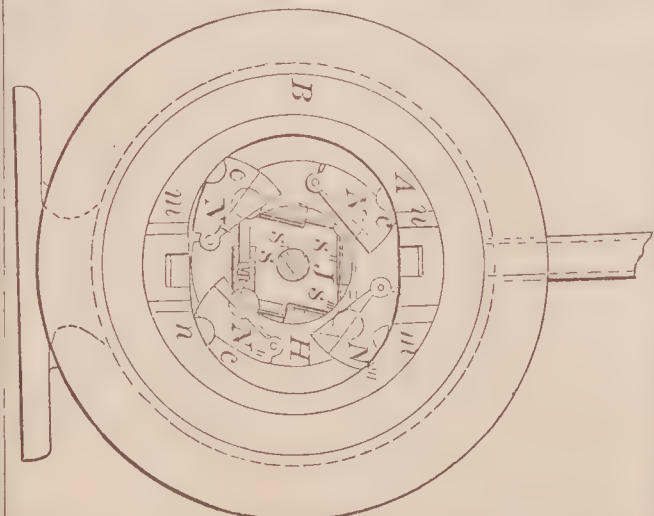
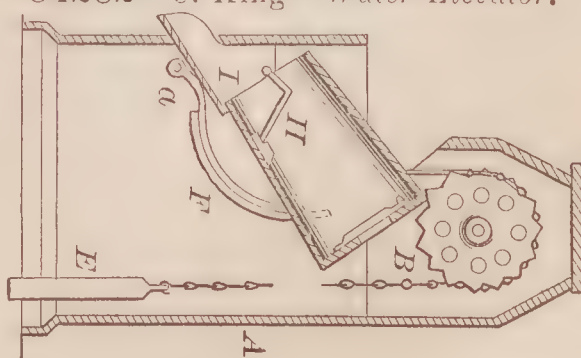
84279—W. T. Horrobin—*Moulding*

84277—J. Harris—*Evaporator*.

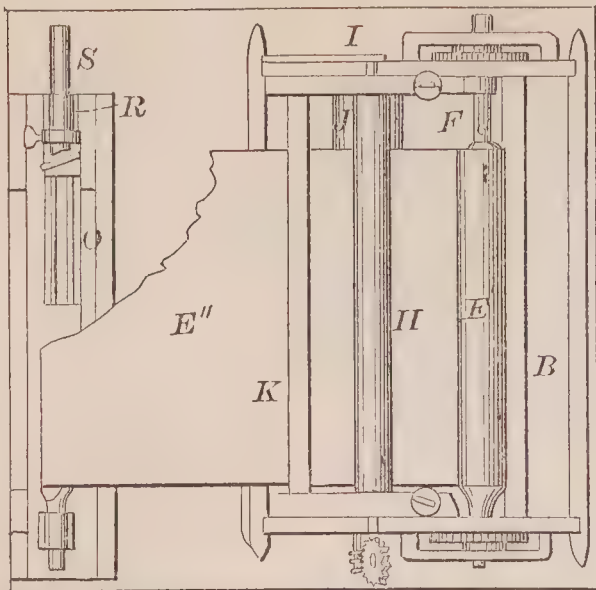
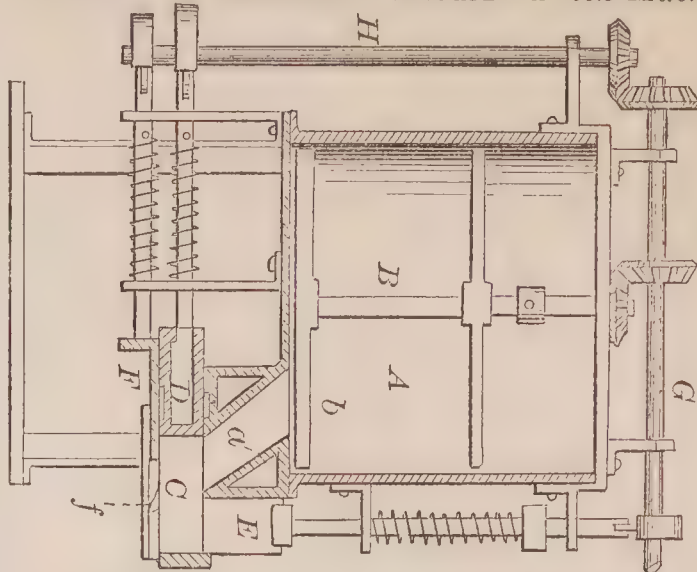
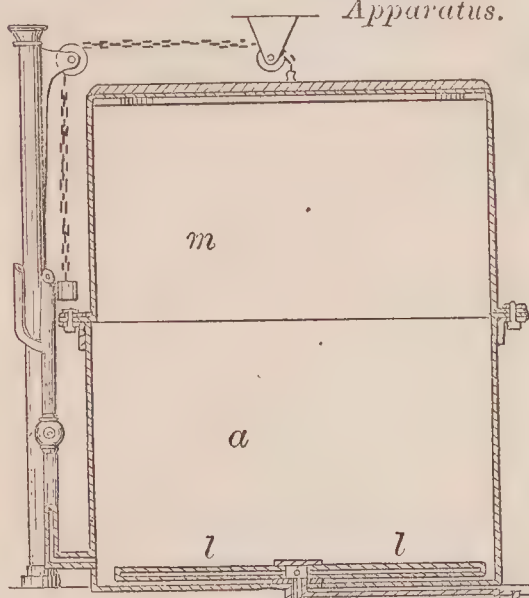
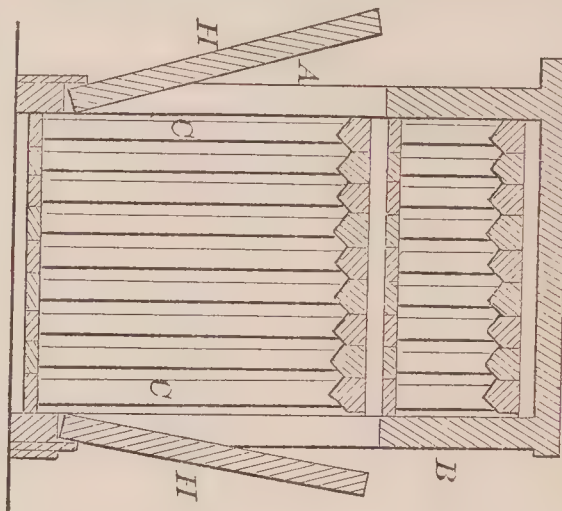
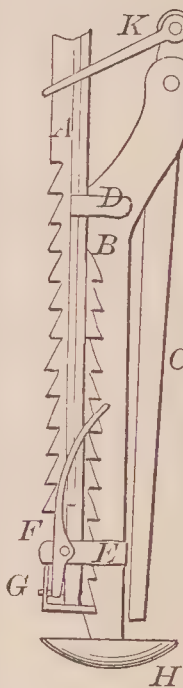
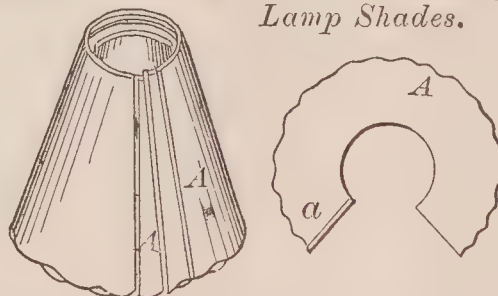
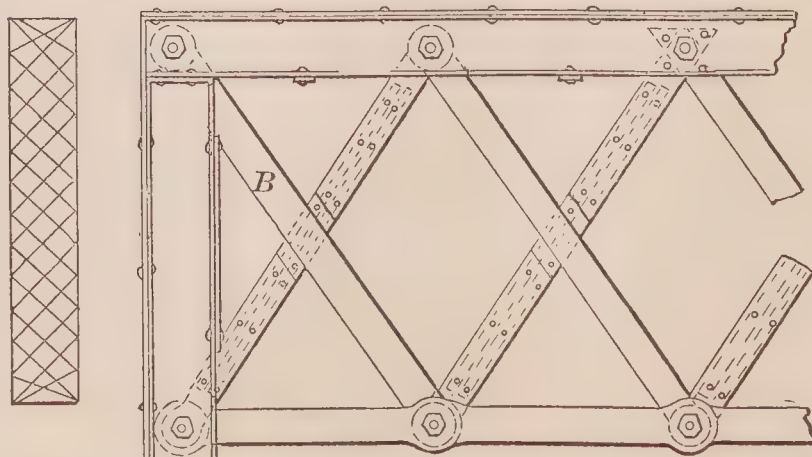
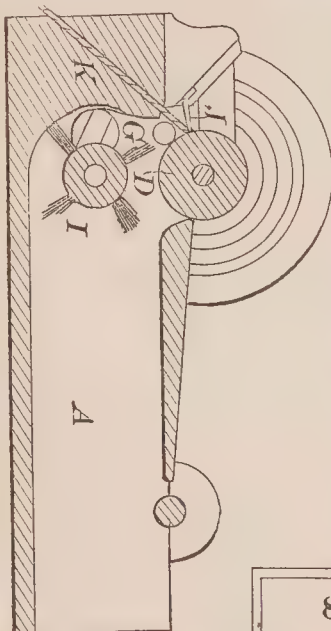
84278—Herriott &  
Myers—Slide Valve.

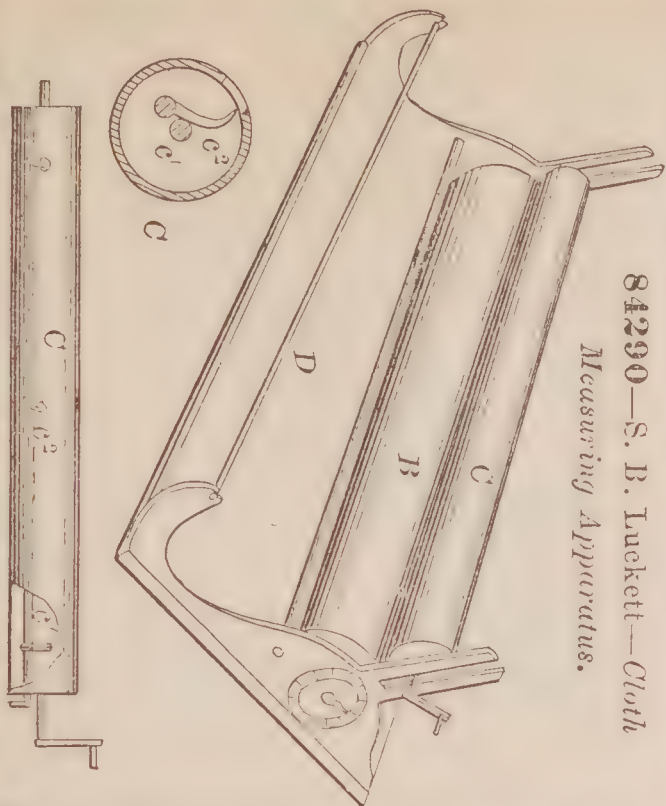


84280—C. Kaiser—Steam Engine.

84282—C. King—*Water Elevator.*

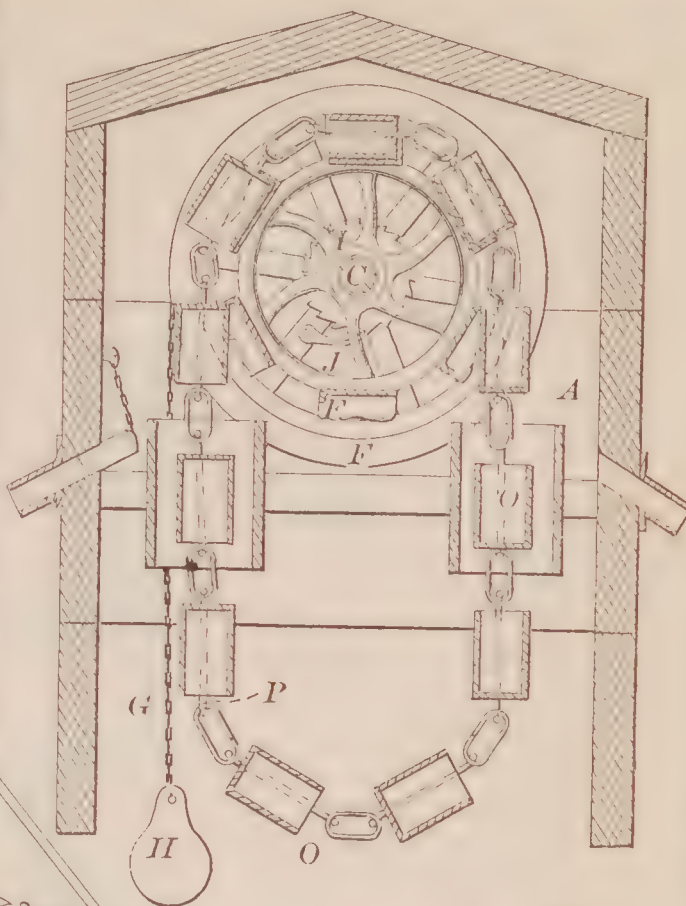


84281—R. H. Kent—*Cloth Measuring Apparatus.*84284—Klinkhardt & Kiburz—*Brick Machine.*84283—Kitchen & Nash—*Gas Apparatus.*84286—J. C. & R. R. Lander—*Beehive.*84285—F. Krick—*Lifting Jack.*84289—Locke & Weeden—*Packing Lamp Shades.*84288—J. H. Linville—*Bridge.*84287—Leavitt & Burridge—*Cotton Gin.*

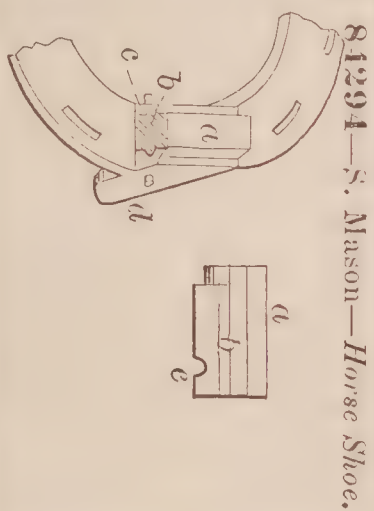
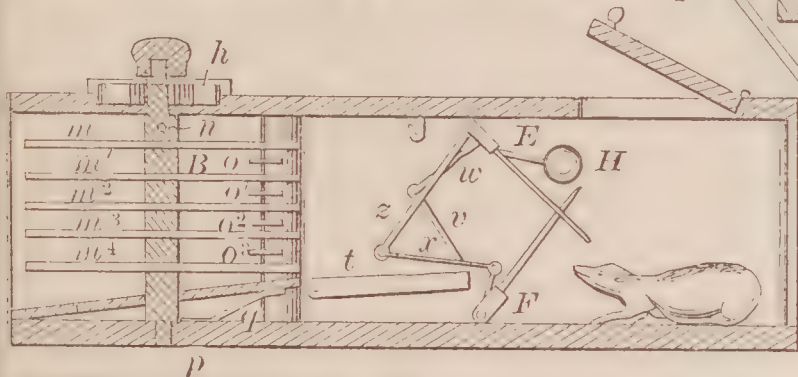


84290—S. B. Luckett—*Cloth Measuring Apparatus.*

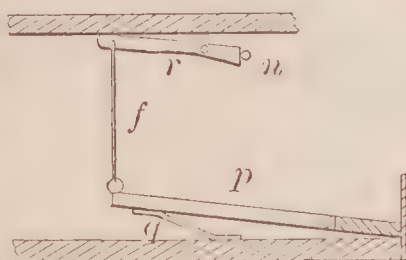
84293—C. W. L. Martine—*Water Elevator.*



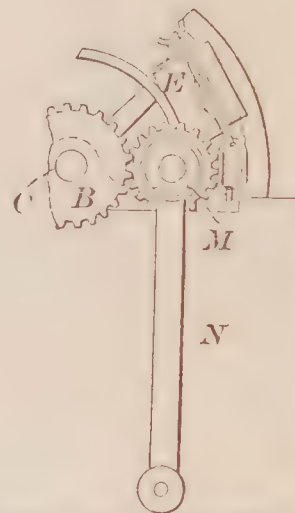
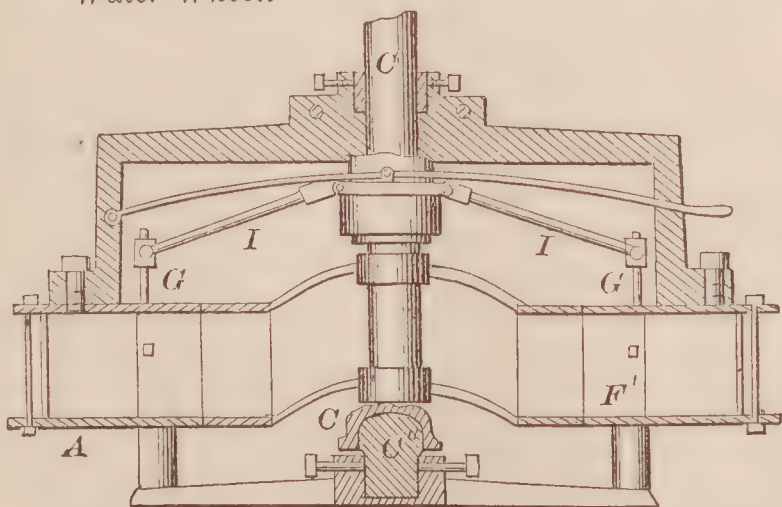
84291—Lushbaugh & Hurd—*Animal Trap.*



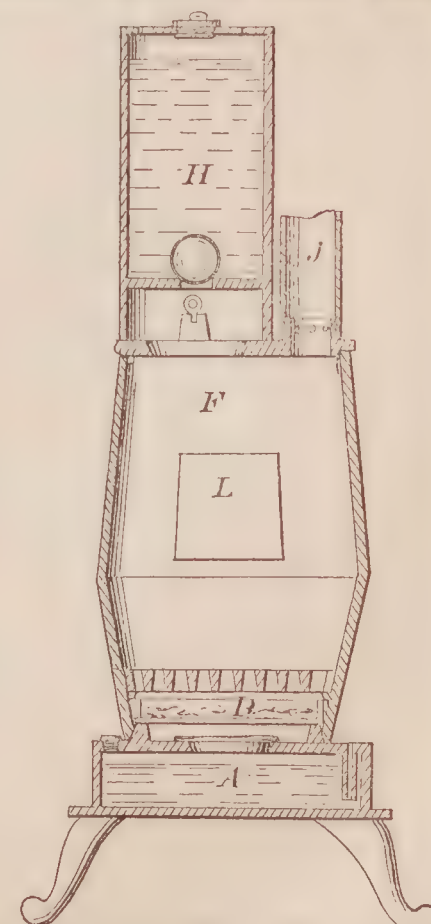
84294—S. Mason—*Horse Shoe.*



84292—T. W. Mahler—*Water Wheel.*

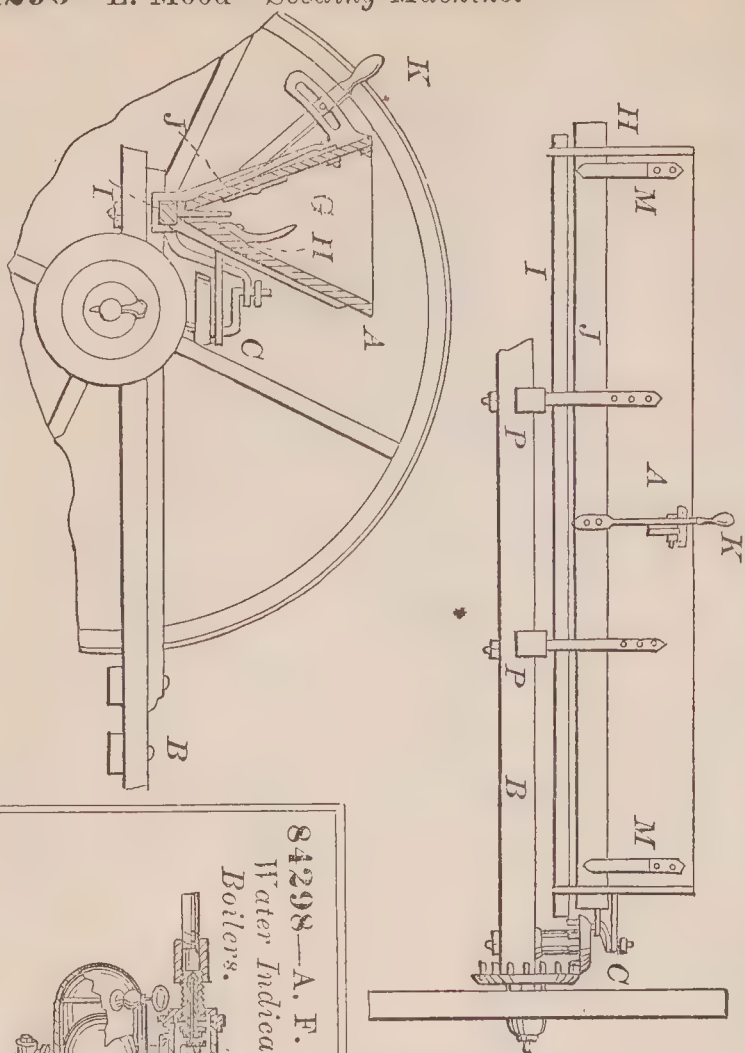


84295—McGill & Knox—*Store.*

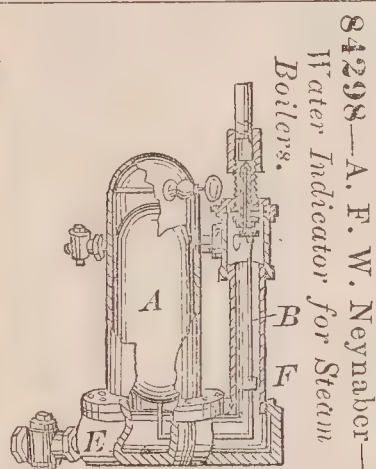
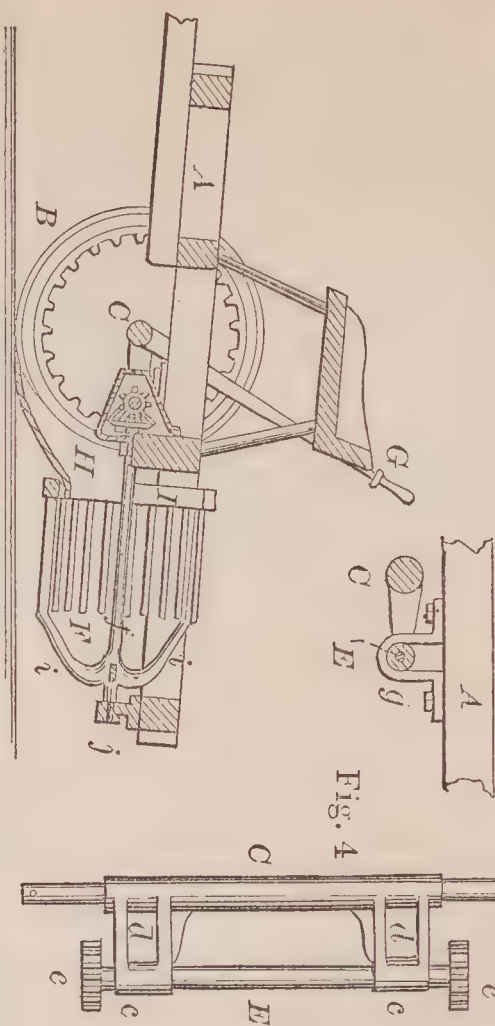




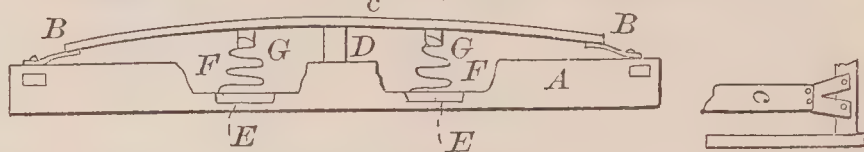
84296—L. Mood—Seeding Machine.



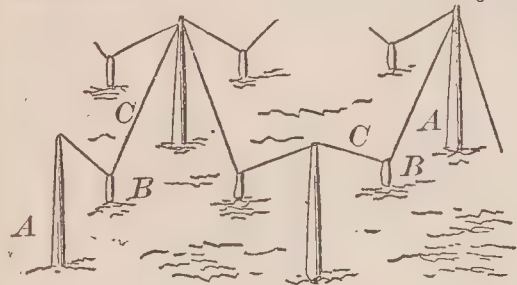
84297—F. A. Morley—Potato Digger.



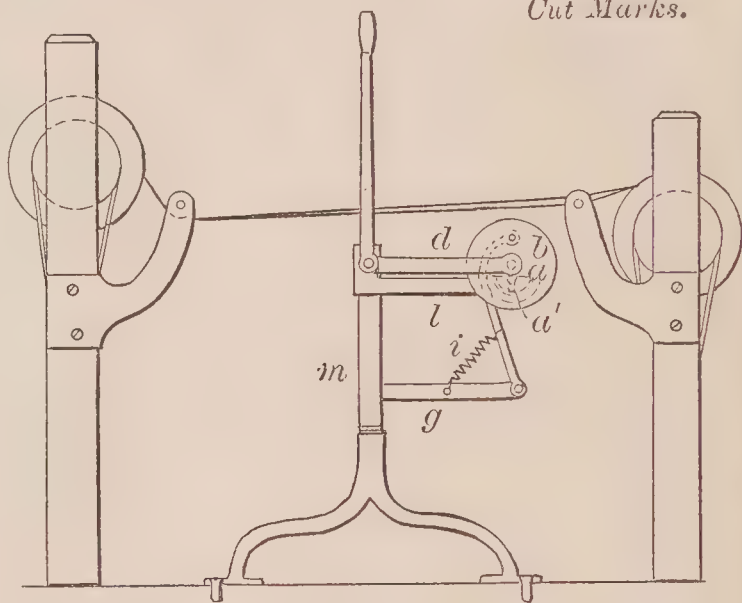
84300—H. H. Palmer—Spring Bed Bottom.



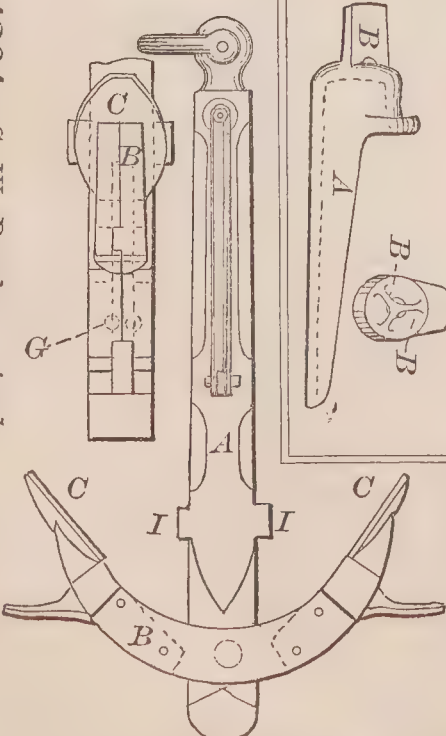
84299—G. J. Olendorf—Poling Hops.



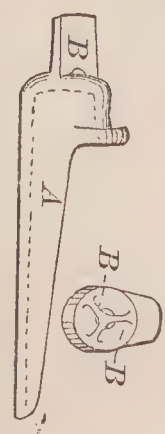
84301—W. G. Perry—For Producing Weavers' Cut Marks.



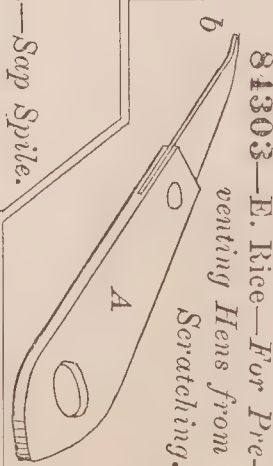
84304—C. W. Roeden—Anchor.



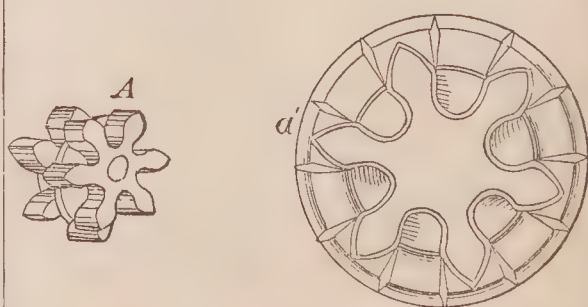
84302—C. C. Post—Sap Spile.



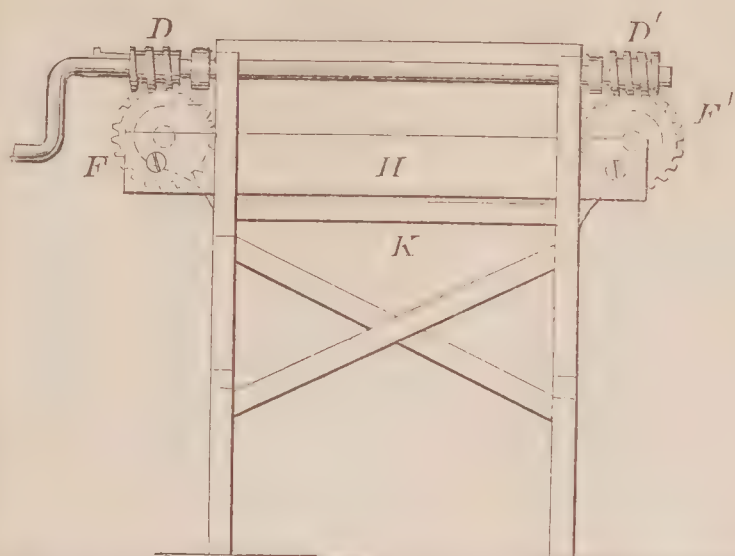
84303—E. Rice—For Preventing Hens from Scratching.



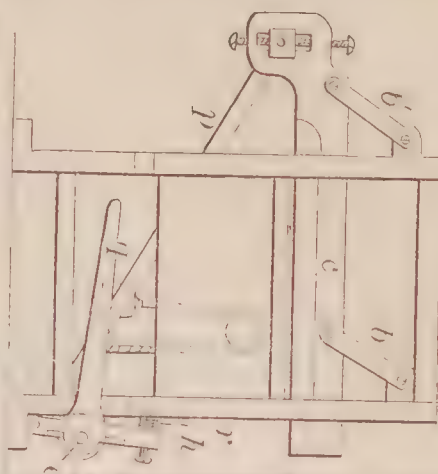
84305—W. Rowell—Moulding Gear Wheels.



84306—G. H. Sanborn—*Paper Cutting Machine.*



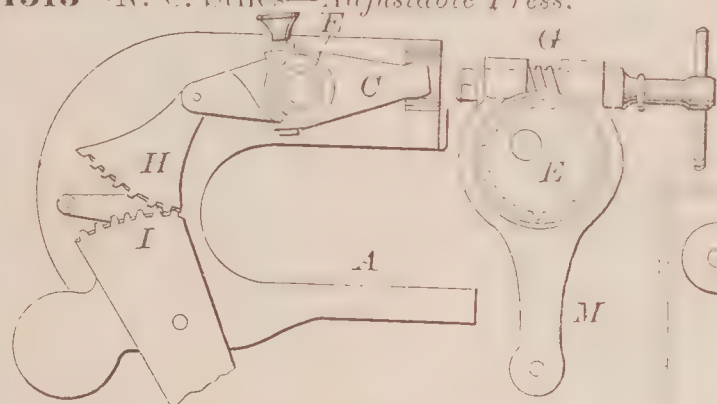
84307—G. H. Sanborn—*Paper Cutting Machine.*



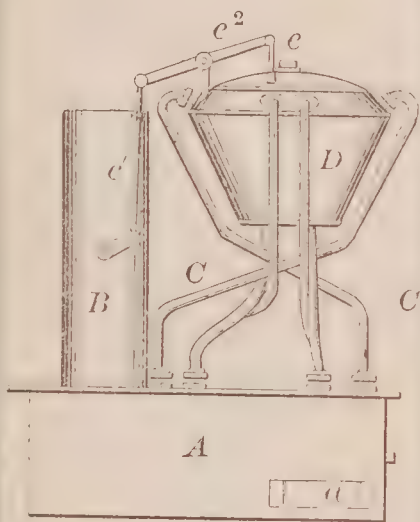
84311—J. Siddons—*Ring Ferruling Machine.*



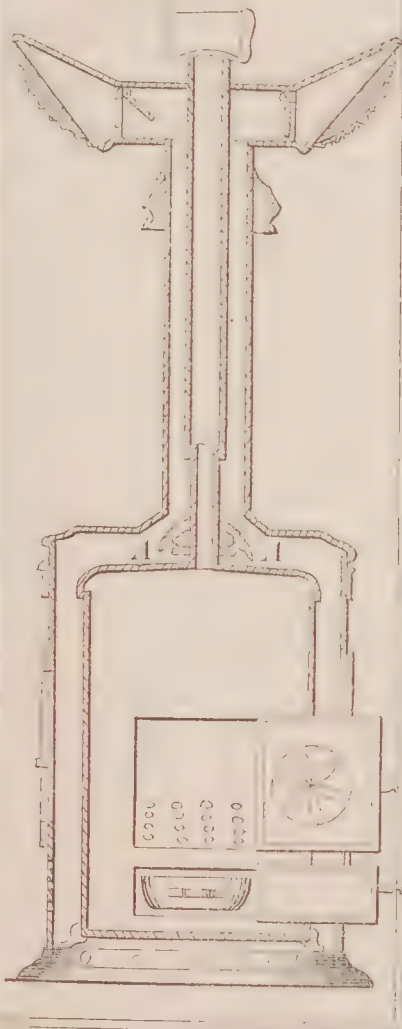
84313—N. C. Stiles—*Adjustable Press.*



84308—E. Sanger—*Car Heating Stove.*



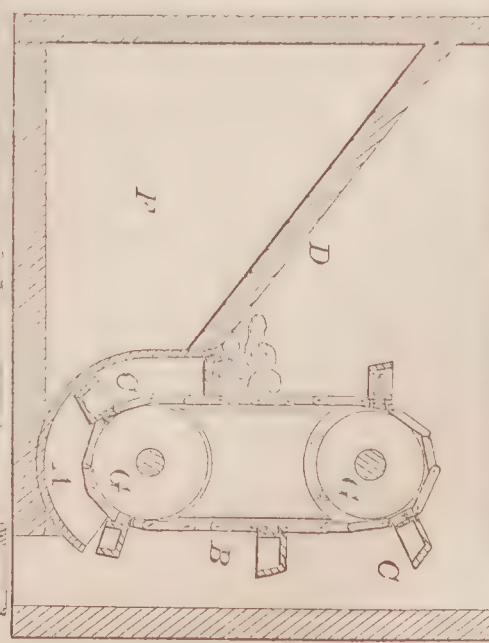
84312—J. Spear—*Car Stove.*



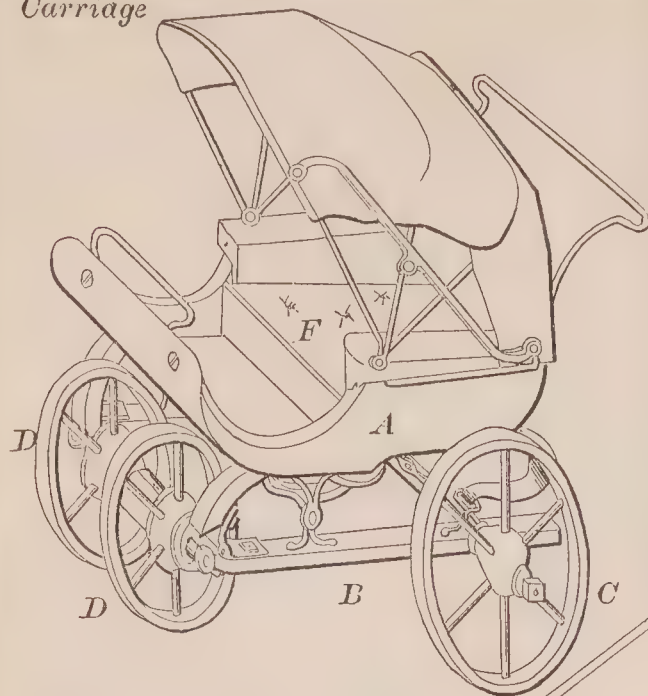
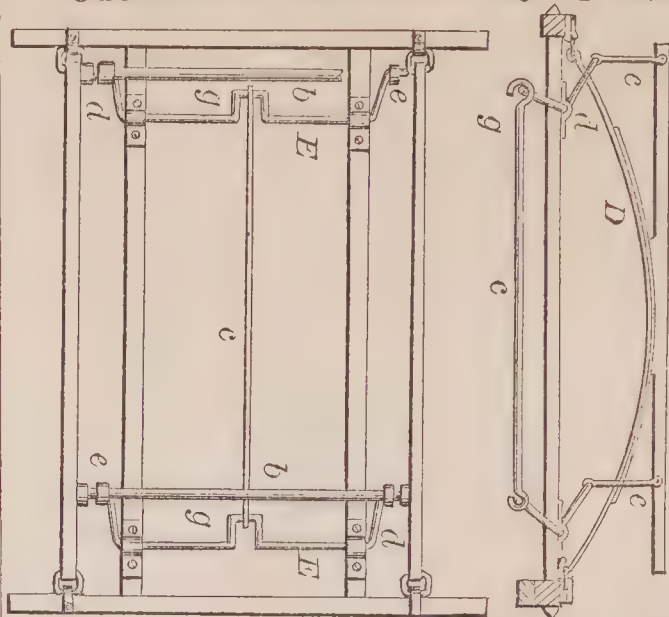
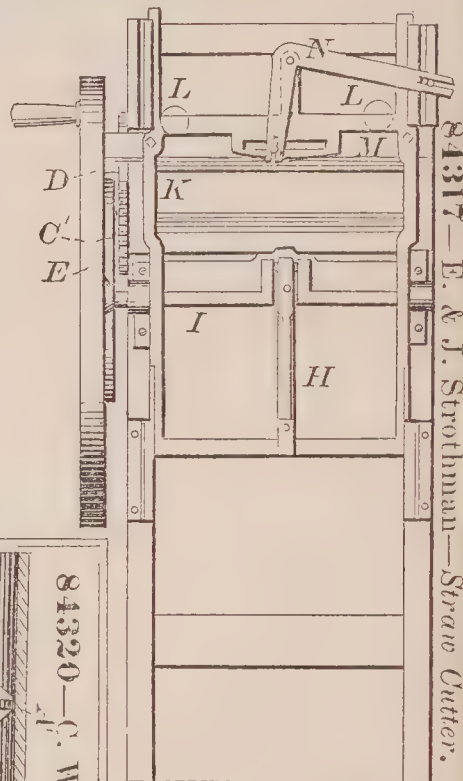
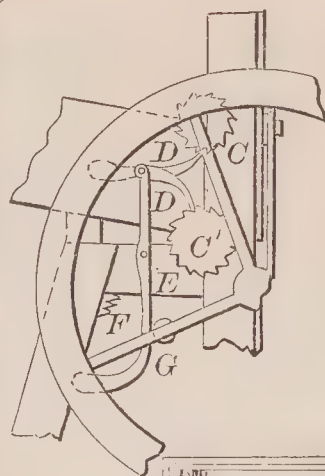
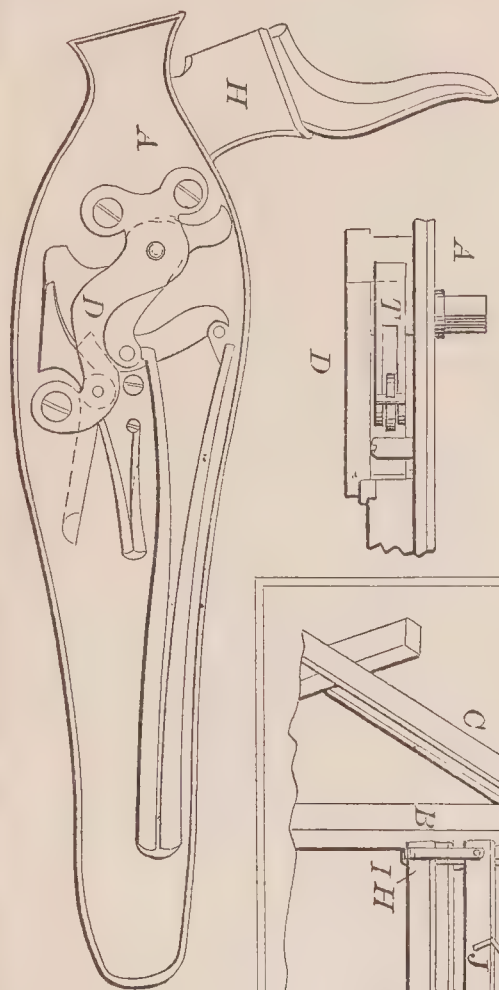
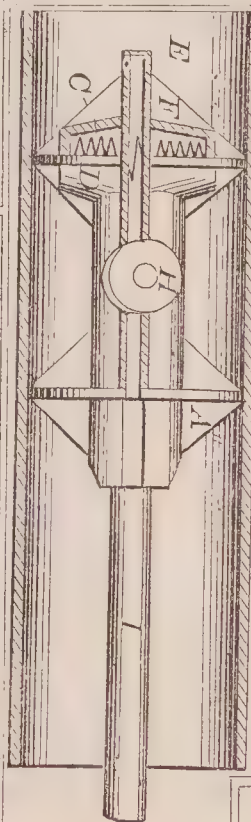
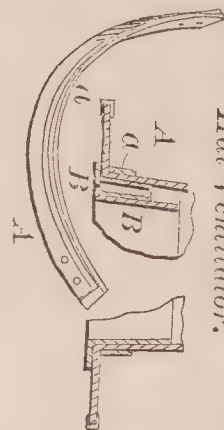
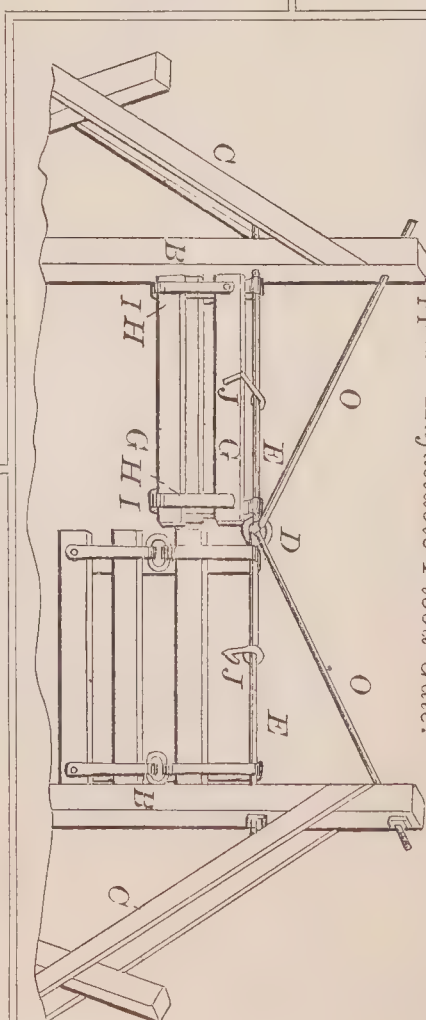
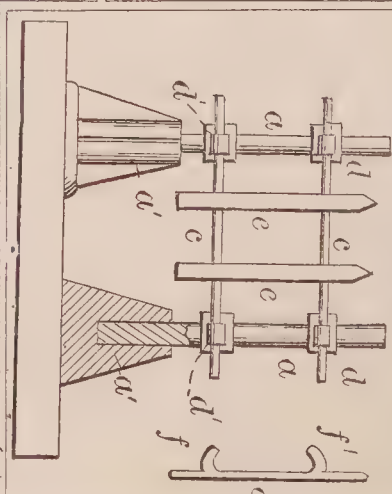
84315—Storle & Swenson—*Horse Rake.*



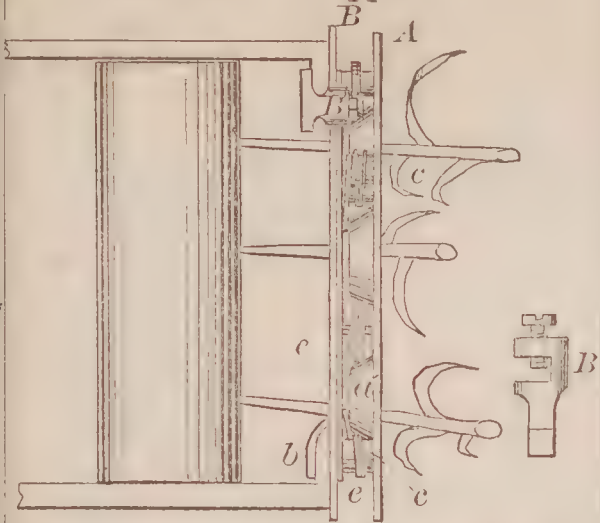
84309—N. B. Sherwood—*Potato Planter.*



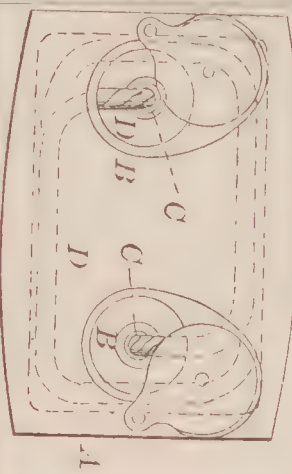
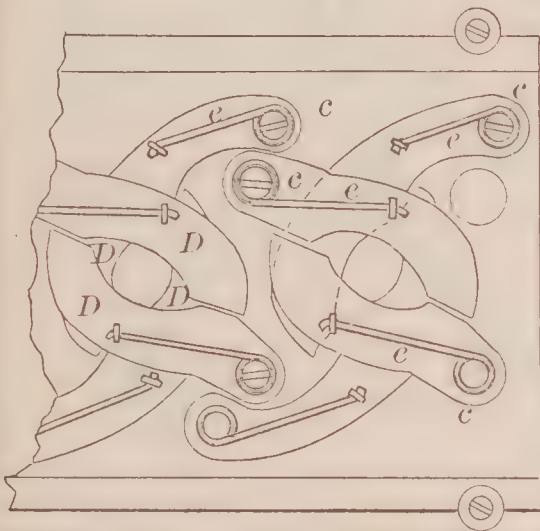
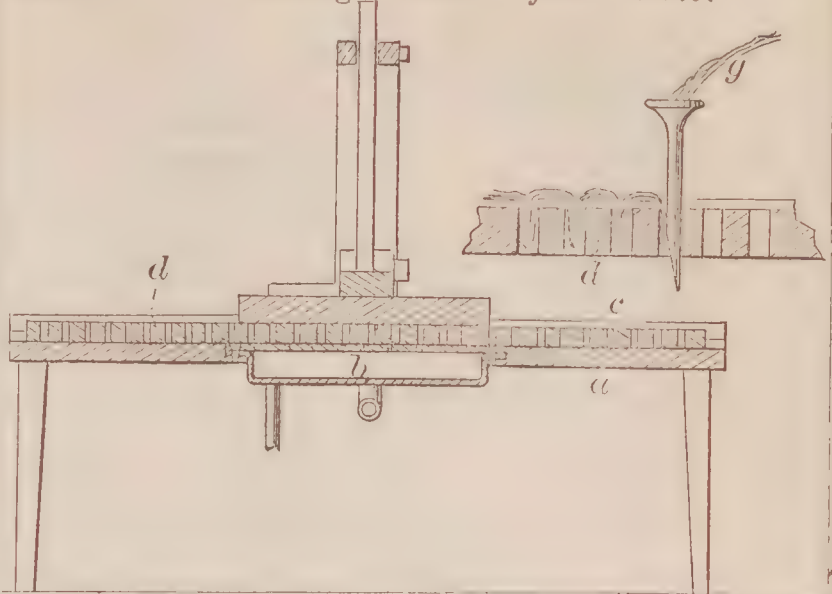


84310—L. Shmeltzer—*Sleigh and Baby Carriage*84316—A. C. Stowe—*Carriage Spring*84314—J. Stokes—*Gun Lock*84317—E. & J. Strothman—*Straw Cutter*84320—C. W. Tremain—*Boiler Tube Scraper*84323—W. F. Warburton—*Hat Ventilator*84321—N. Typper—*Adjustable Flood Gate*84319—W. Thompson—*Car Window Ventilator*84318—A. Terry—*Fence*

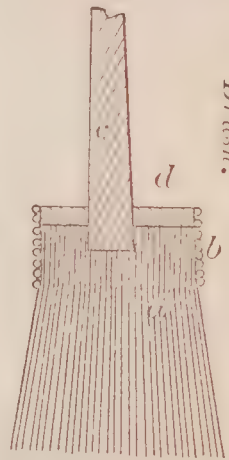
84324—Ward & Bean—*Cane and Willow Stripper.*



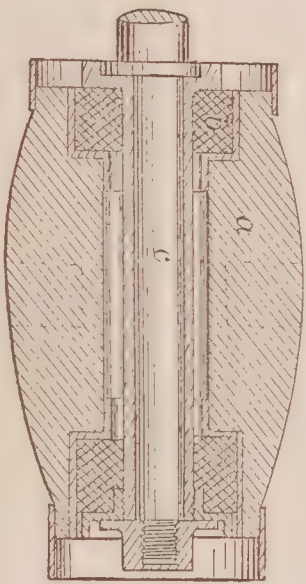
84325—J. T. Waring—*Felted Tufted Fabric.*



84326—L. P. Wendell—*Joint Bearing for Railroad Cars.*

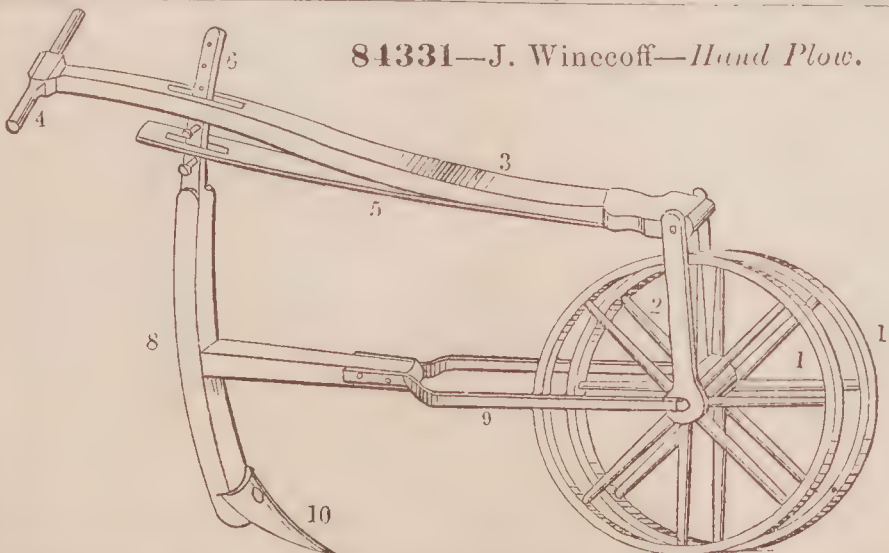
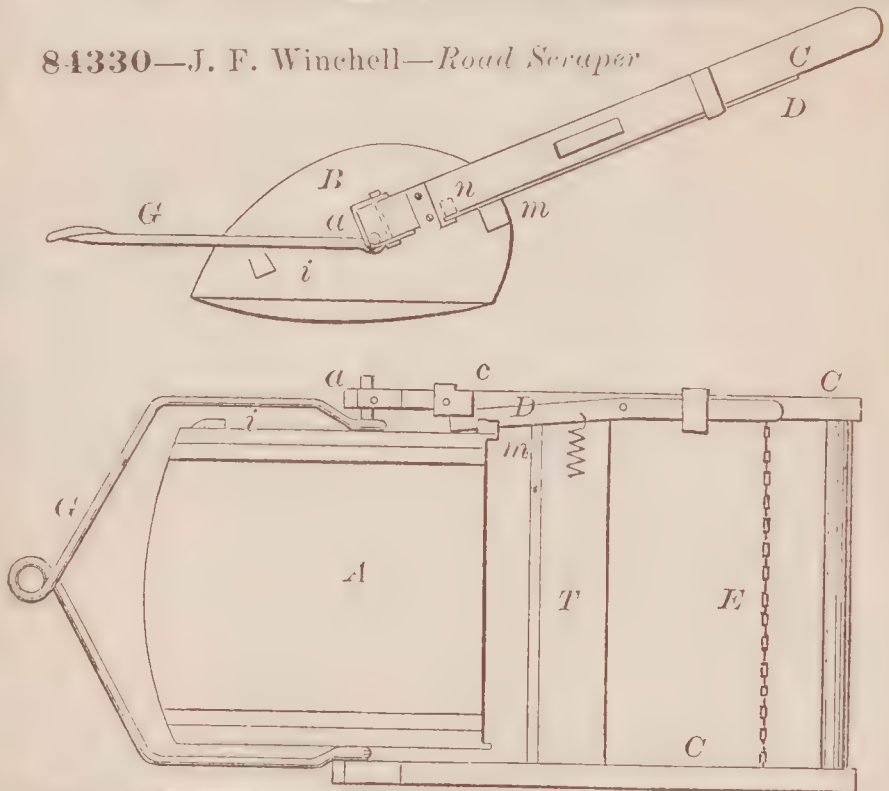


84327—D. White—*Paint Brush.*

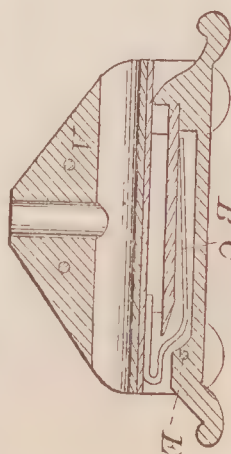


84329—G. F. Wilson—*Inserting India Rubber in Carriage Hubs.*

84330—J. F. Winchell—*Road Scraper.*



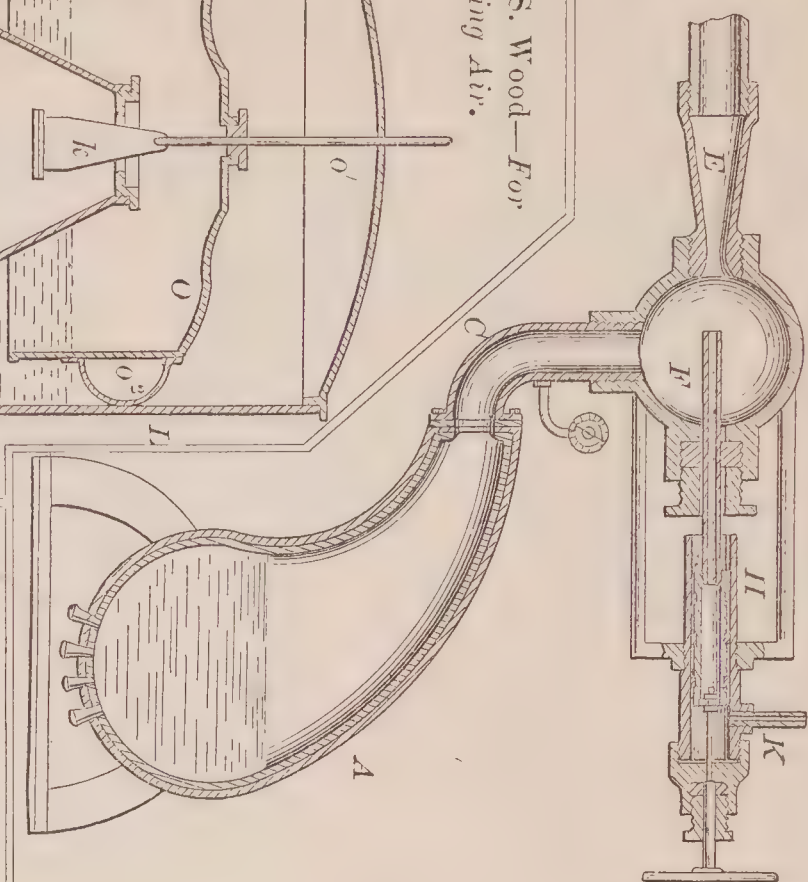
84331—J. Wincoff—*Hand Plow.*



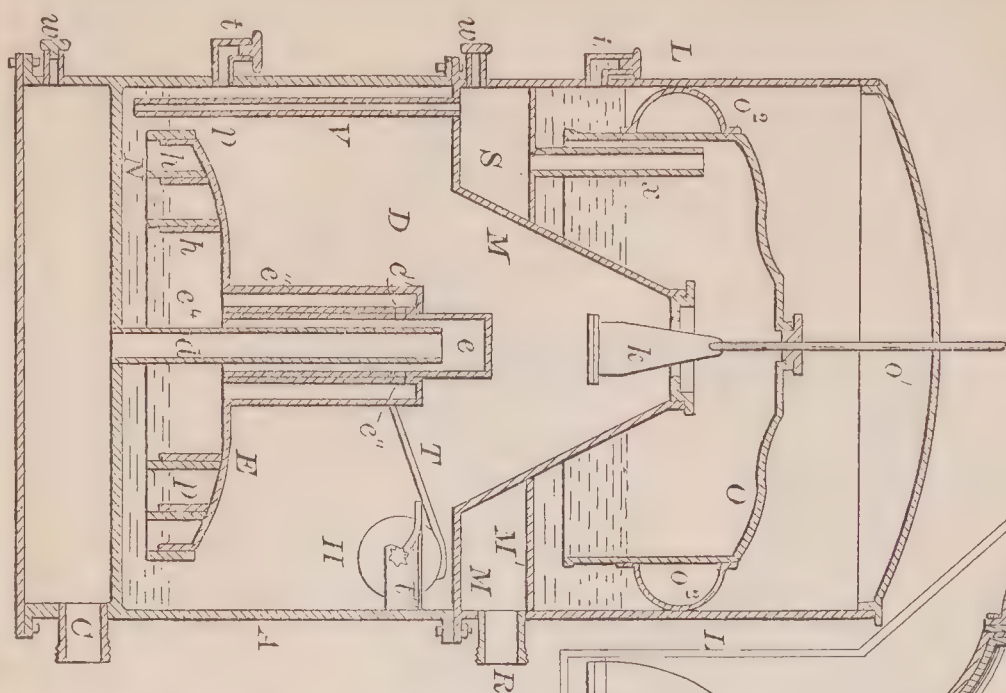
84328—C. Whittaker—*Rein Holder.*



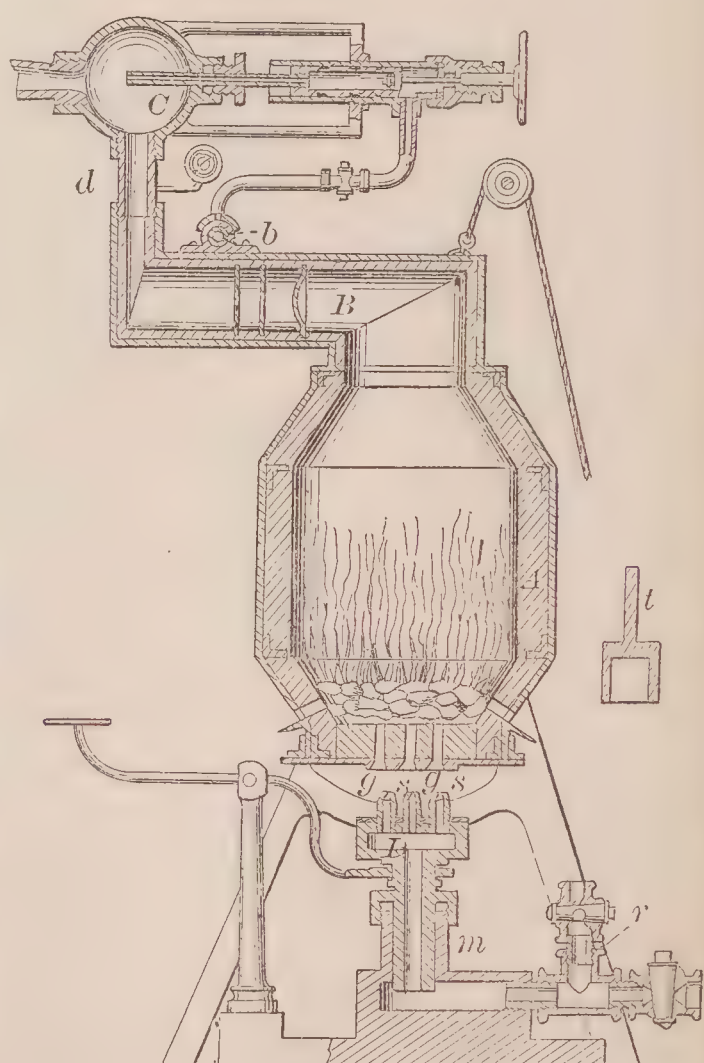
84333—J. Absterdam—For Refining Iron and Making Steel.



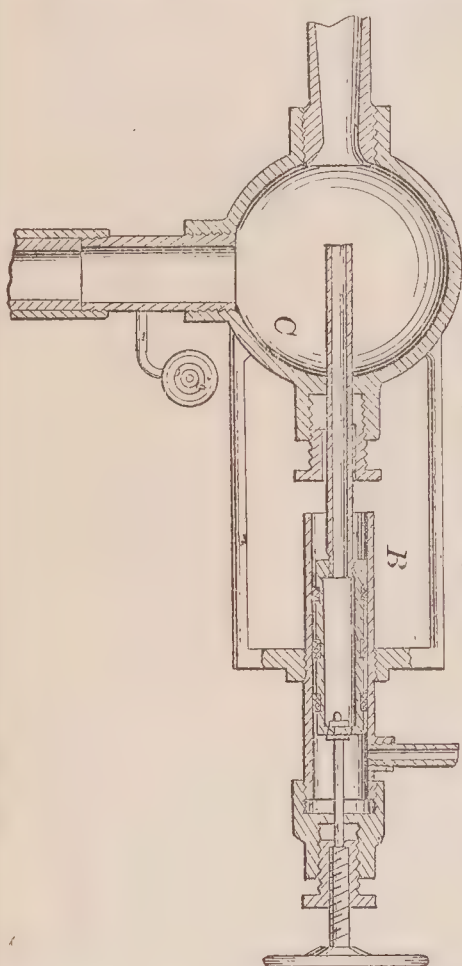
84332—J. S. Wood—For Carbureting Air.



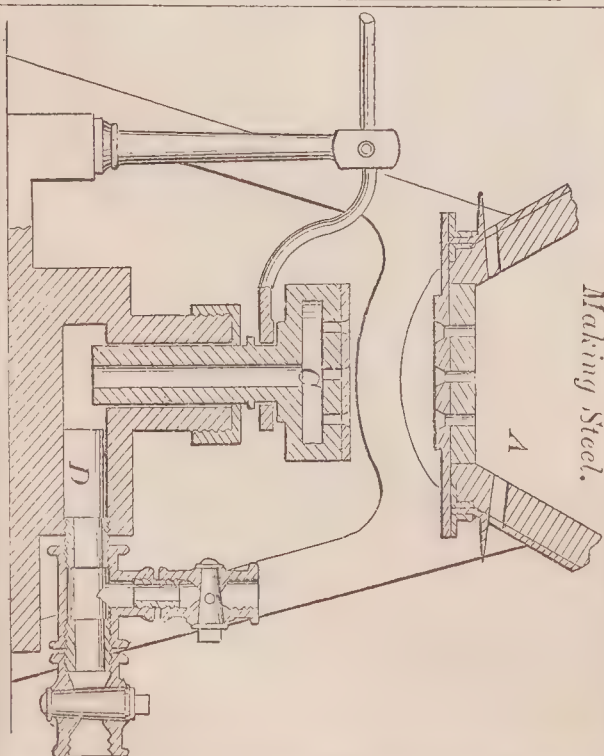
84335—J. Absterdam—For Refining Iron and Making Steel.



84336—J. Absterdam—For Introducing Gas Fuel into a Converter for Making Steel.

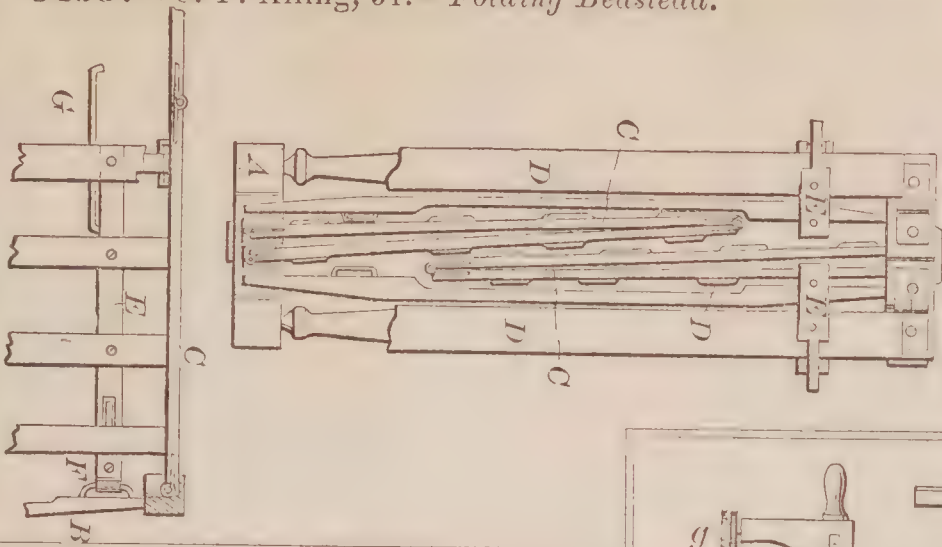


84334—J. Absterdam—For Refining Iron and Making Steel.





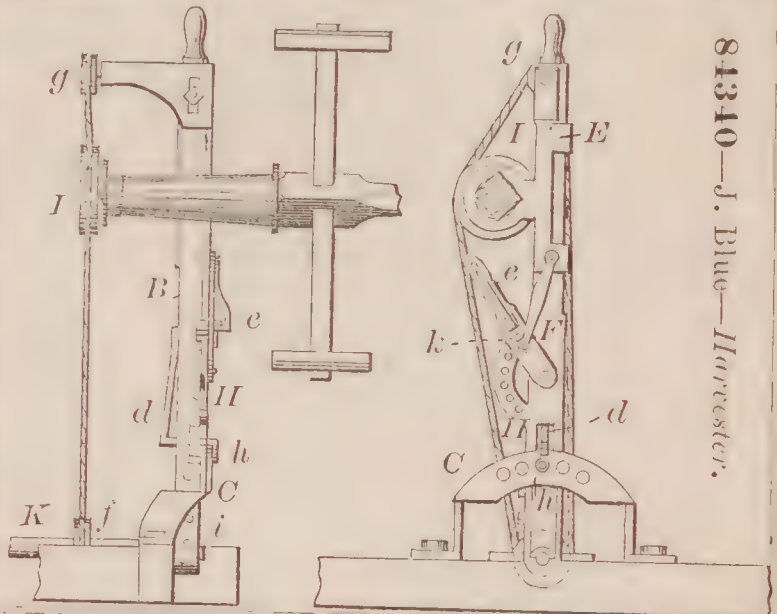
84337—C. P. Alling, Jr.—*Folding Bedstead.*



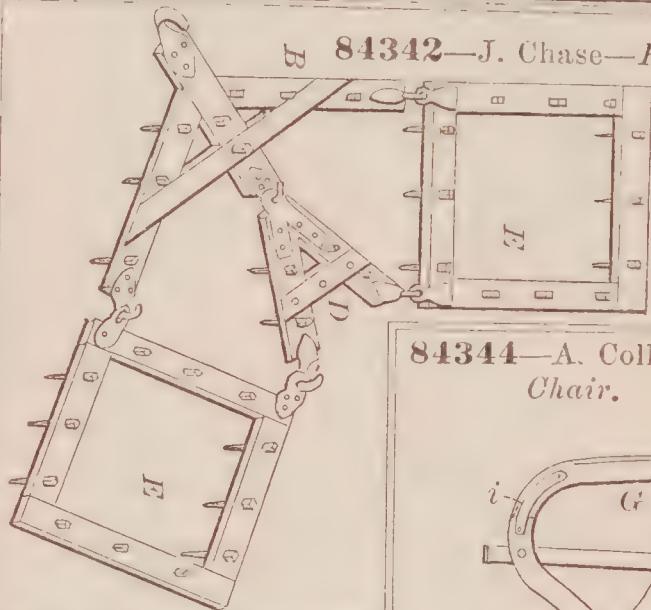
84341—G. W. Casle—  
For Preventing the Alteration



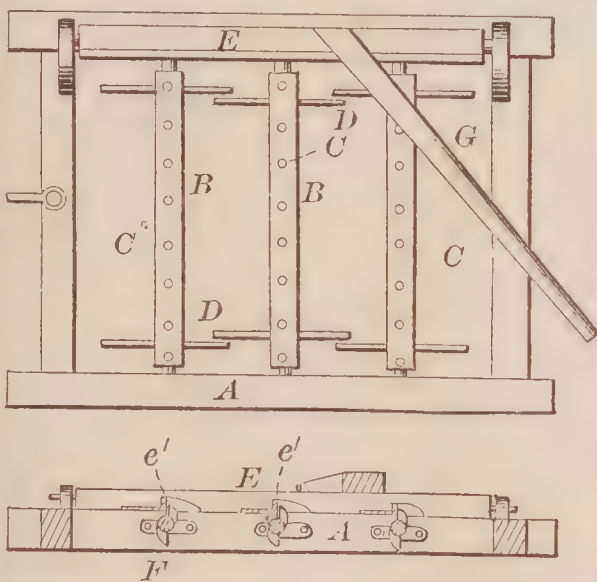
84340—J. Blue—*Horrester*.



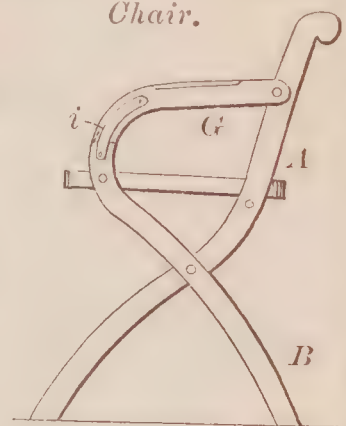
84342—J. Chase—*Harrow.*



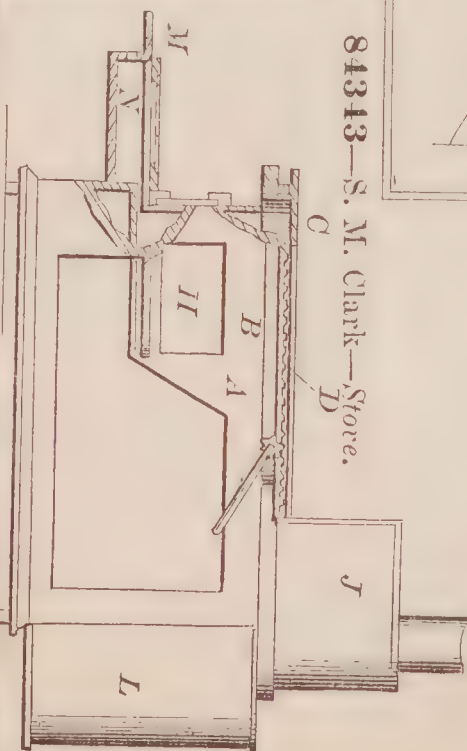
84339—M. Atwood—*Harrow.*



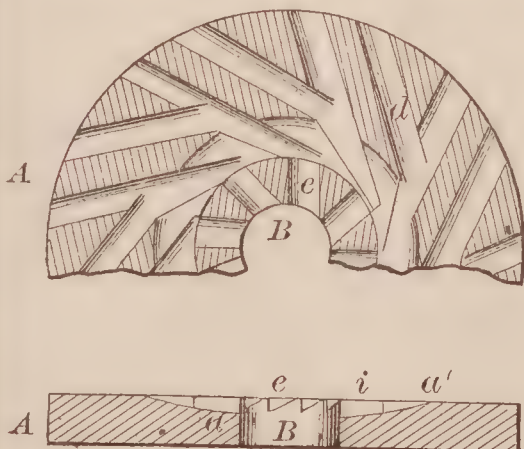
84344—A. Collignon—  
*Chair.*



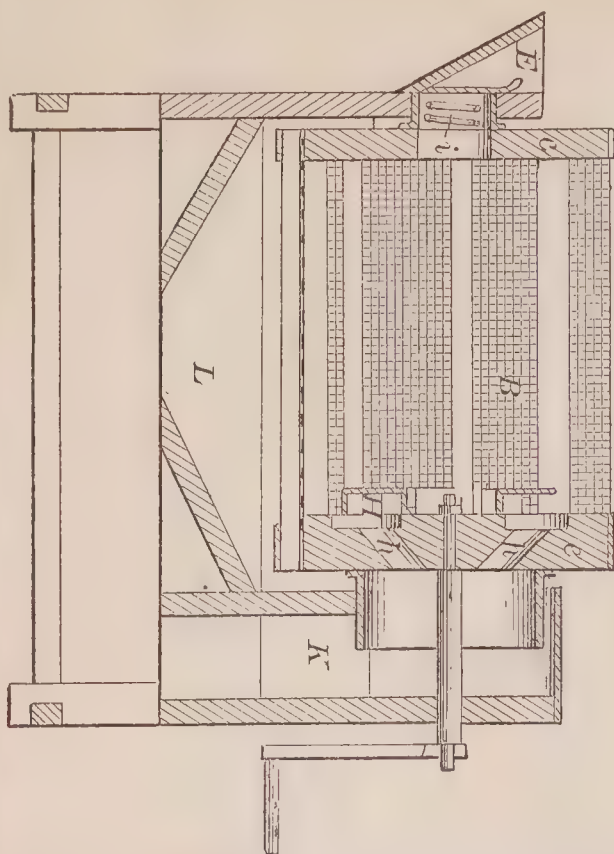
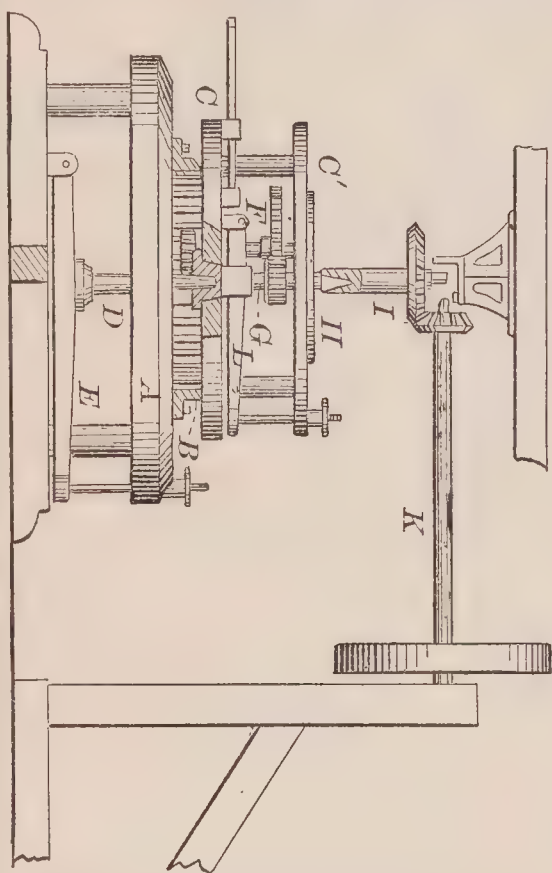
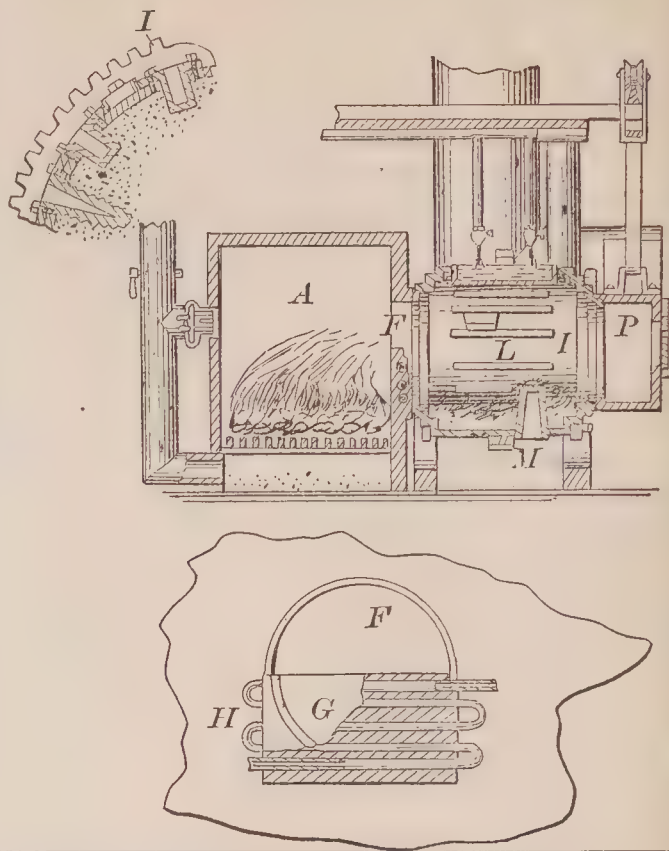
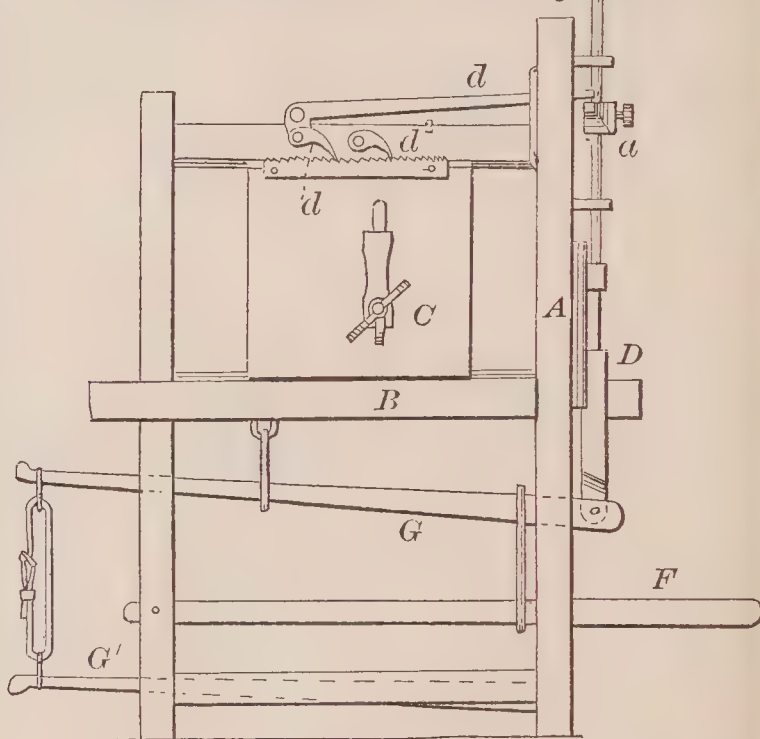
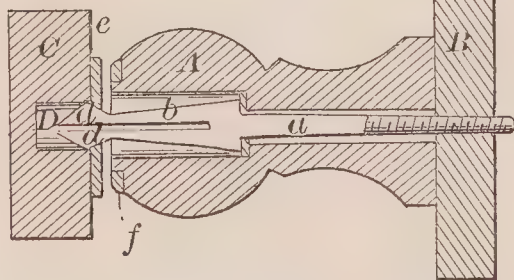
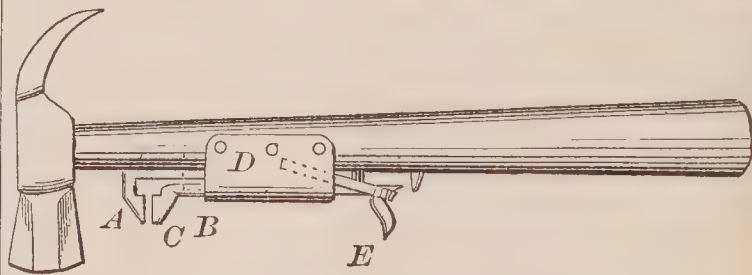
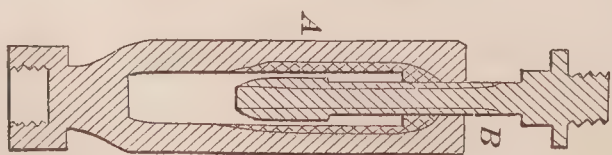
84313—S. M. Clark—Store.



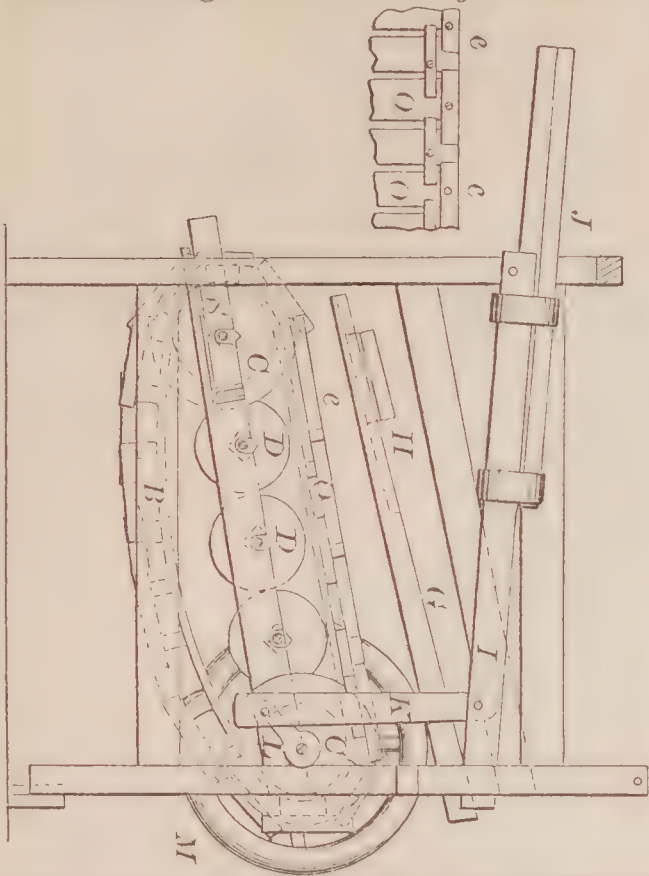
84349—J. W. Gaines—*Millstone Dress.*



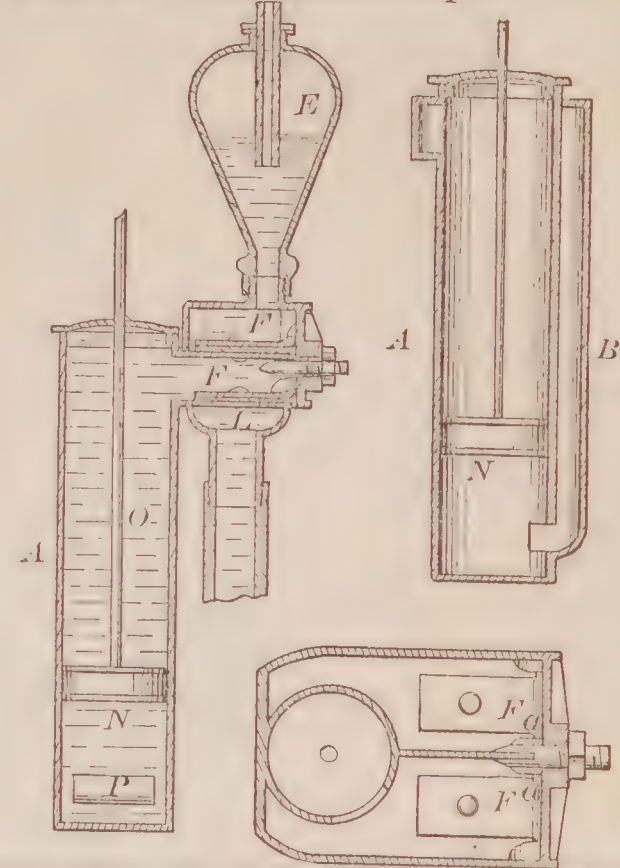


84345—J. J. Crider—*Grain Screen*.84347—S. Danks—*Puddling Furnace*.84348—M. Fisk—*Horse Power*.84350—W. Gilmore—*Tenoning Machine*.84352—W. W. Green, Jr.—*For Holding Doors Open*.84351—R. W. Green—*Hammer and Nail Holder*84353—E. Guillod—*Drilling Jar*.84359—J. G. Jung—*Constructing Chains*.

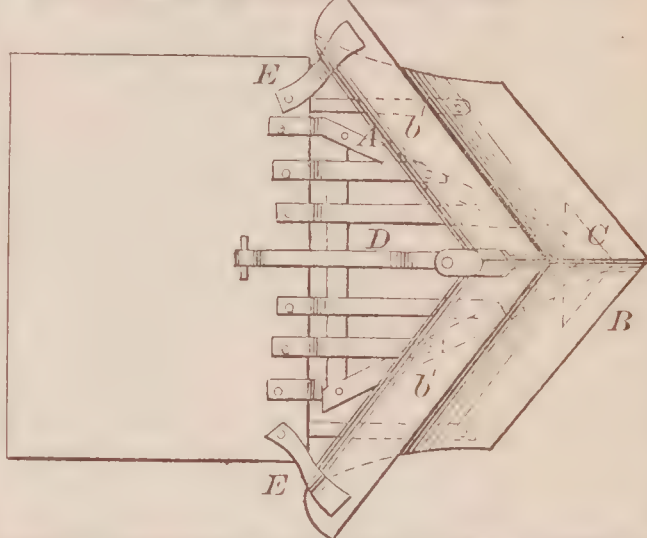
84354—Hager & Grove—Dog Power.



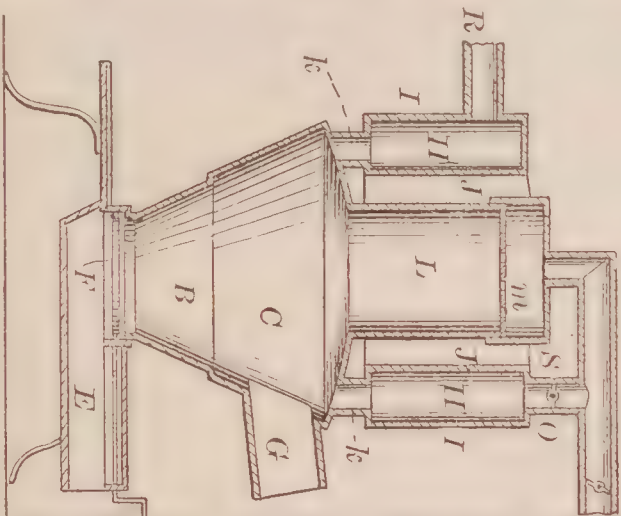
84355—T. Hansbrow—Pump.



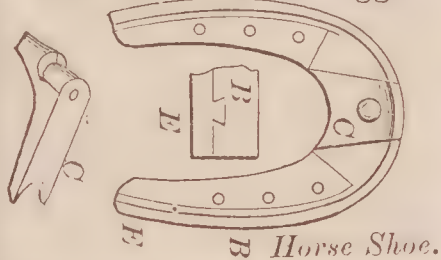
84357—H. Harris—Snow Plow.



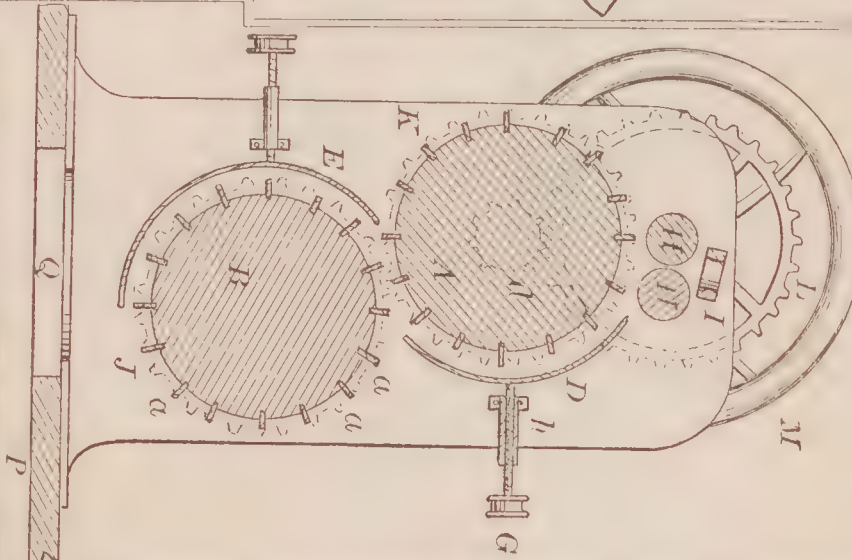
84356—S. J. Hare—Furnace.



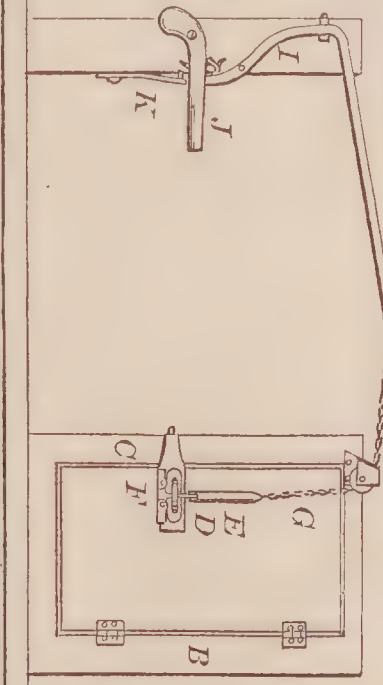
84360—L. H. Kellogg—



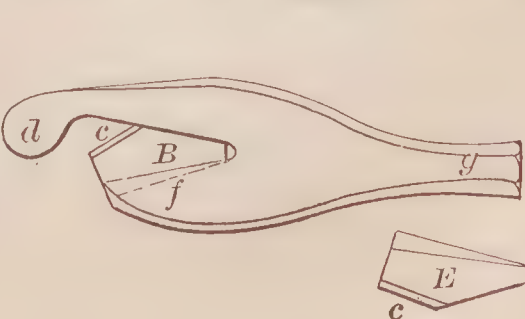
84358—J. A. Huss—For Cleaning Entrails.



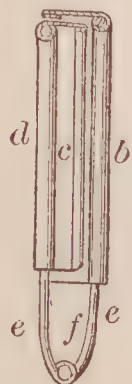
84362—A. F. Kitchen—Door Fastening and Alarm.



84361—W. A. L. Kirk—Swage for Saws.

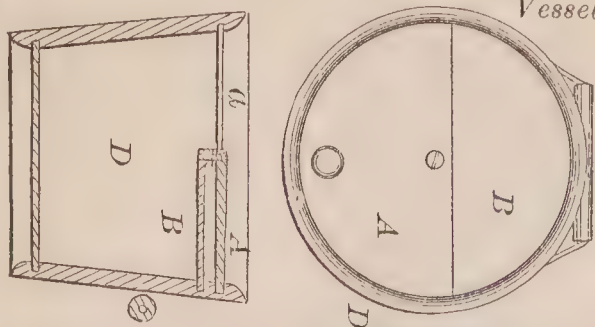


84364—S. Lagowitz—Trussing Bag Frame.

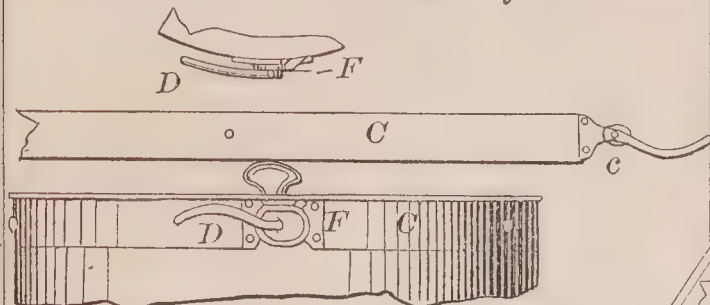




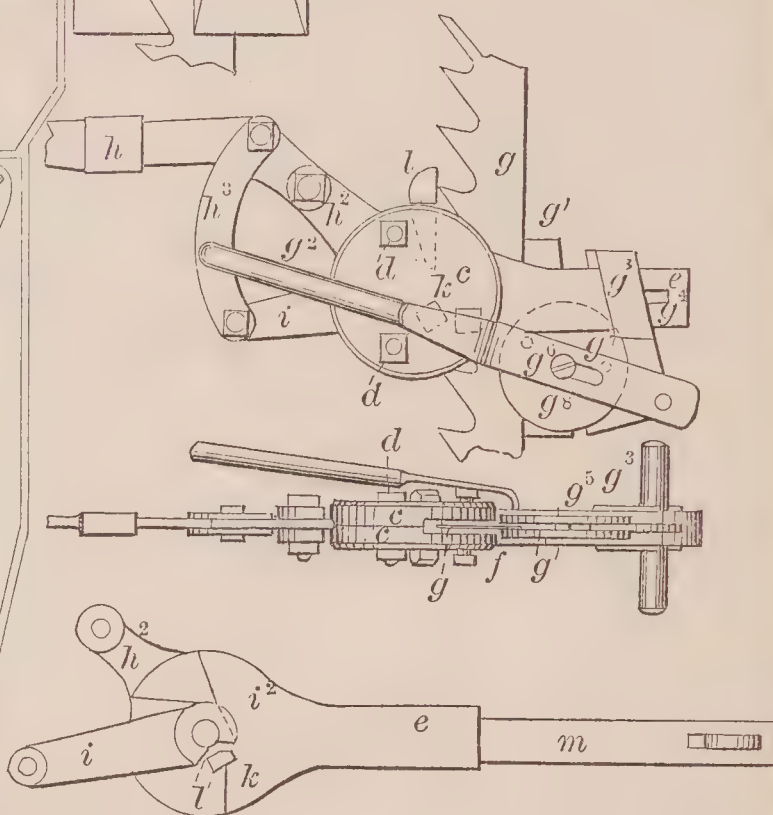
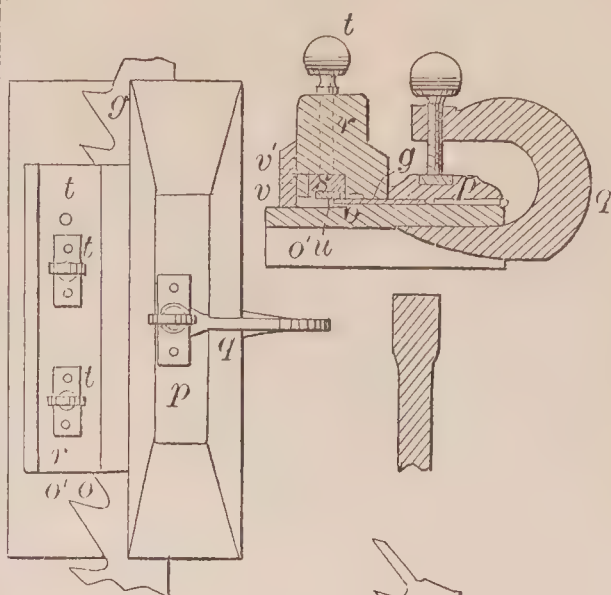
84363—J. Kline—Cover for Circular Vessels.



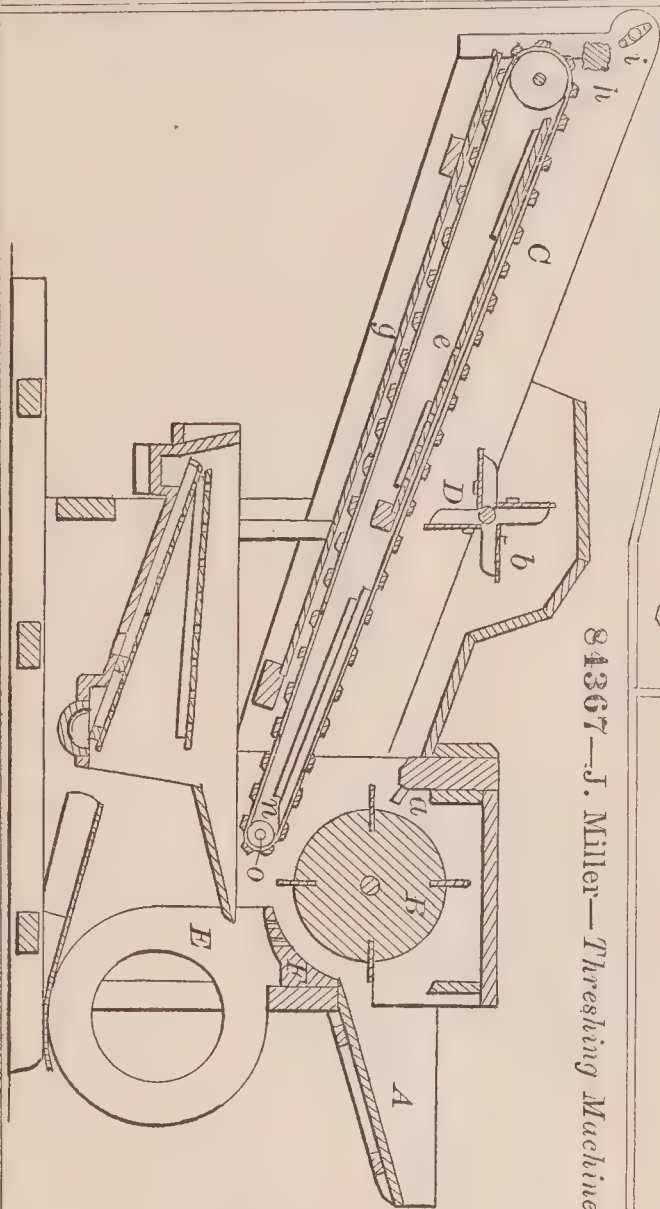
84366—S. Macferran—Hoods for Boxes.



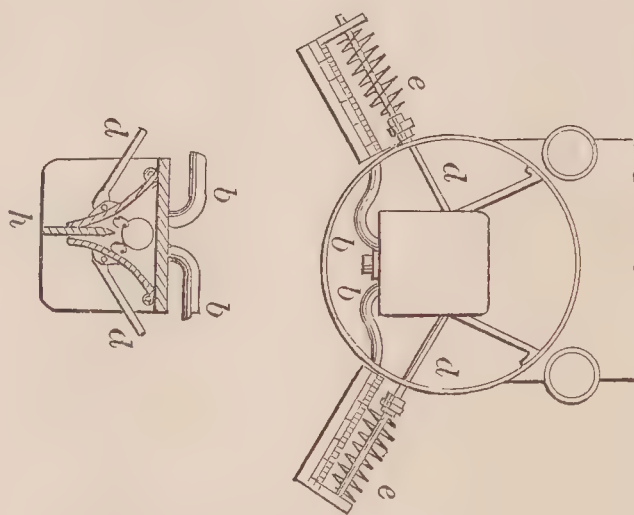
84365—J. Lough—Dressing Saw Teeth.



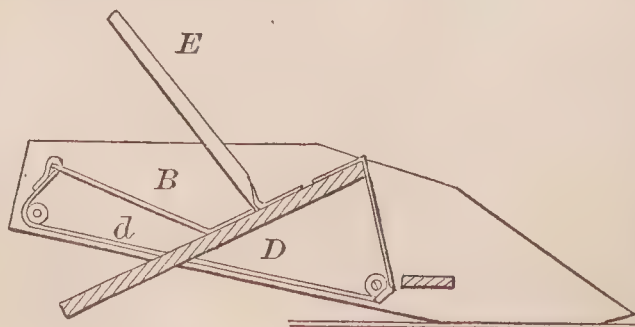
84367—J. Miller—Threshing Machine.



84370—J. Sanders—Steam Engine.



84368—J. Miller—Harvester.

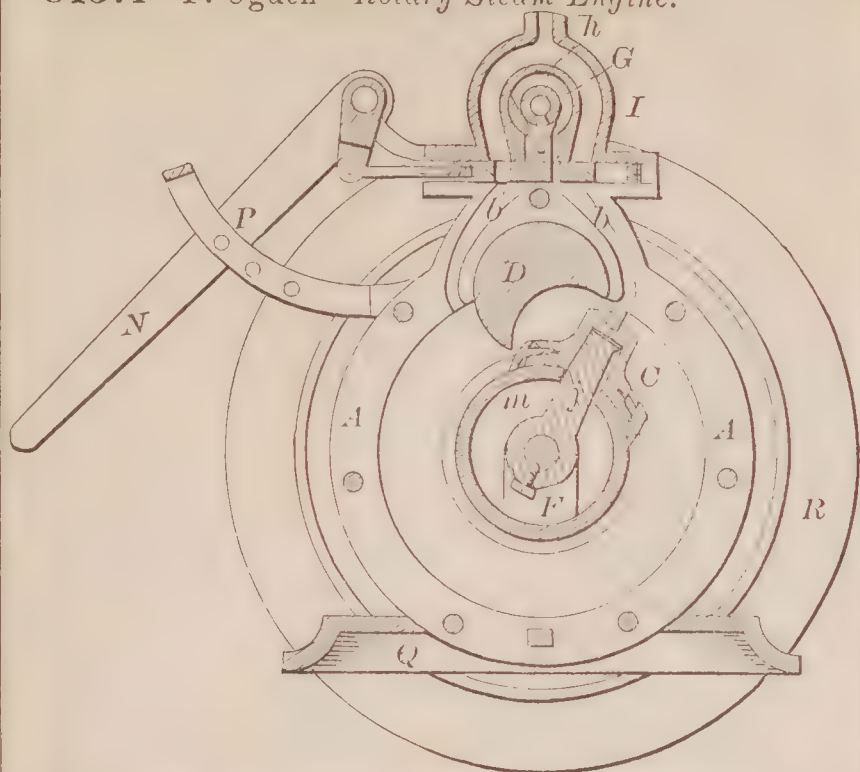


84372—E. H. Paine—Baggage Check.

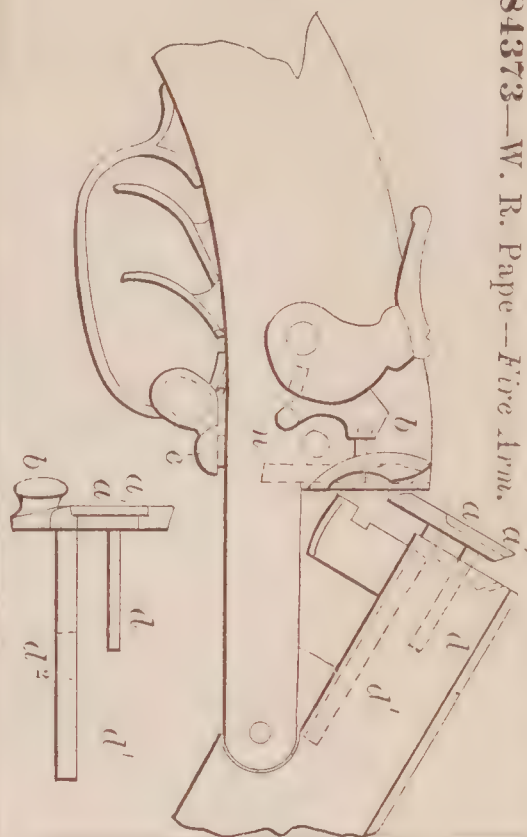
Original Baggage Check 564 Issued by Jeff. & Mat. R. Louisville New York Via J. M. & L. R. R. B. Key Co., C. & E. R. R. & Hudson River R. R.
Buffalo & Erie R. R. One First Class Ellettsville Buffalo James Terry Gen. Ticket Agt. Issued by Jeff. & Mat. R.
Louisville to New York 564

Original Baggage Check 564 Issued by Jeff. & Mat. R. Louisville New York Via J. M. & L. R. R. B. Key Co., C. & E. R. R. & Hudson River R. R.
Louisville to New York 564

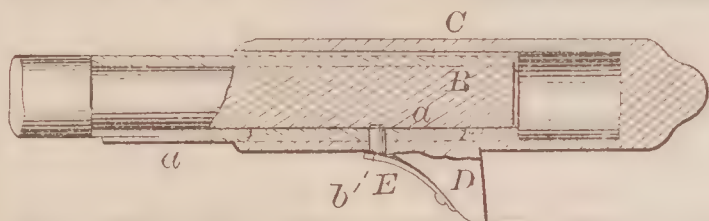
84371—F. Ogden—*Rotary Steam Engine.*



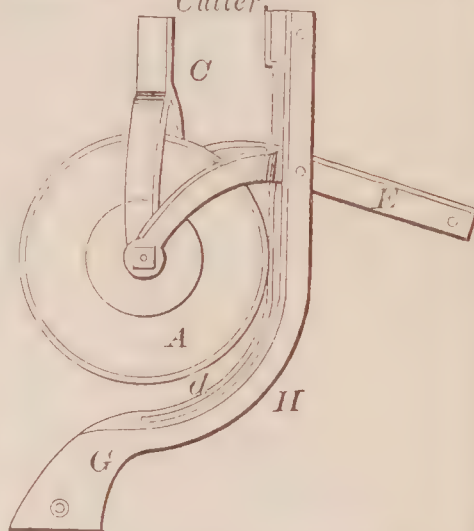
84373—W. R. Pape—*Fire Arm.*



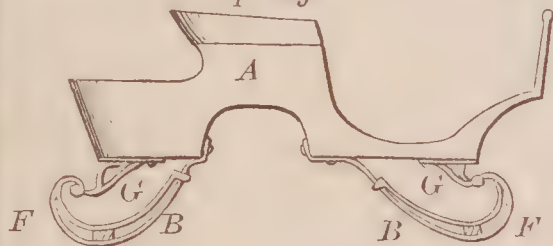
84376—W. W. Rexford—*Pole and Hold Back.*



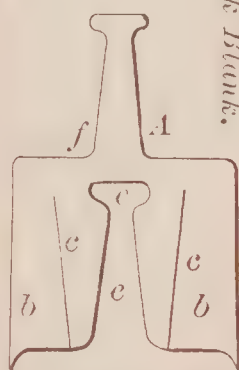
84374—G. S. Perfater—*Root Cutter.*



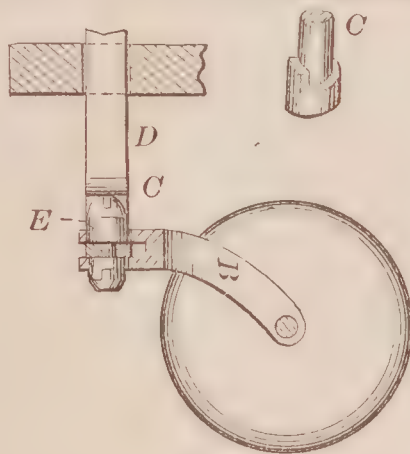
84378—B. H. Roberts—*Carriage Spring.*



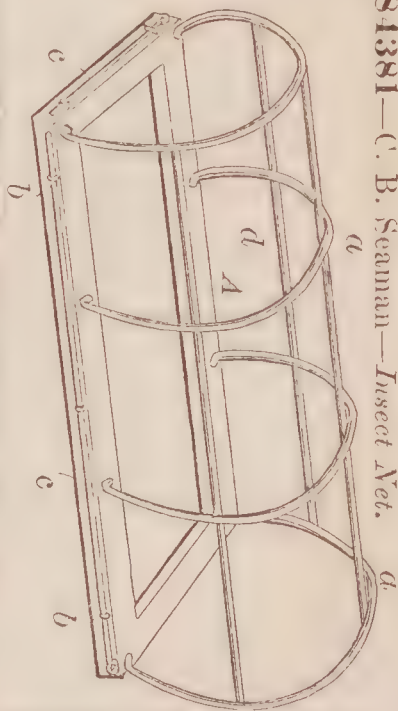
84377—J. C. Richardson—*Fork Blank.*



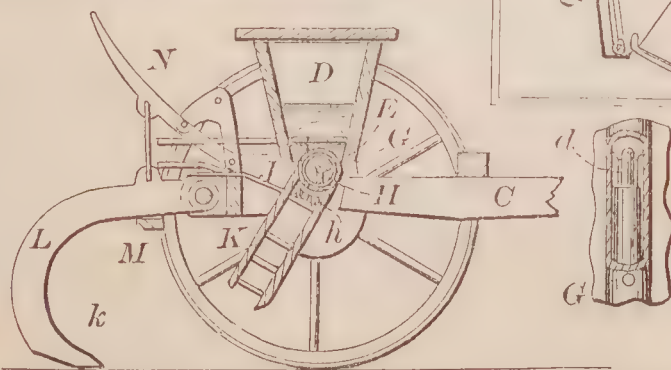
84380—M. Sattley—*Revolving Counter.*



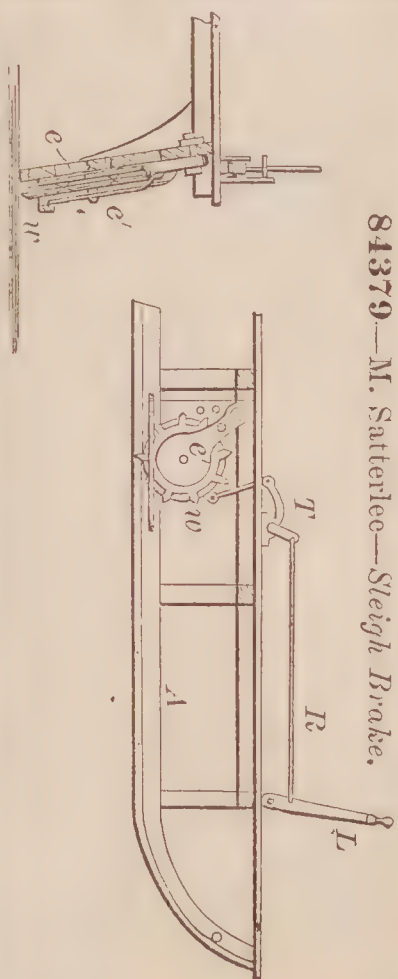
84381—C. B. Seaman—*Insect Net.*



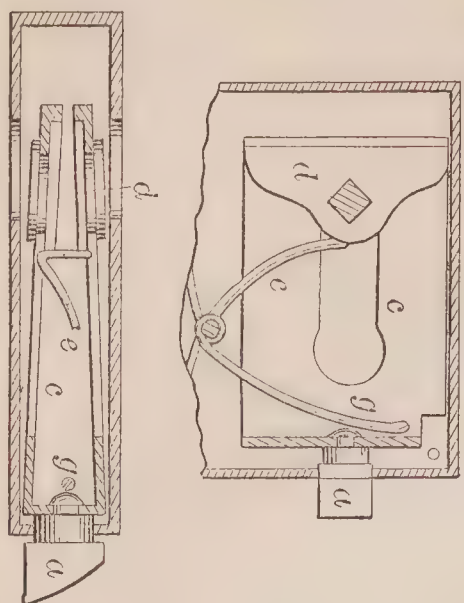
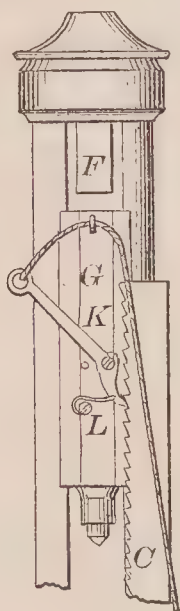
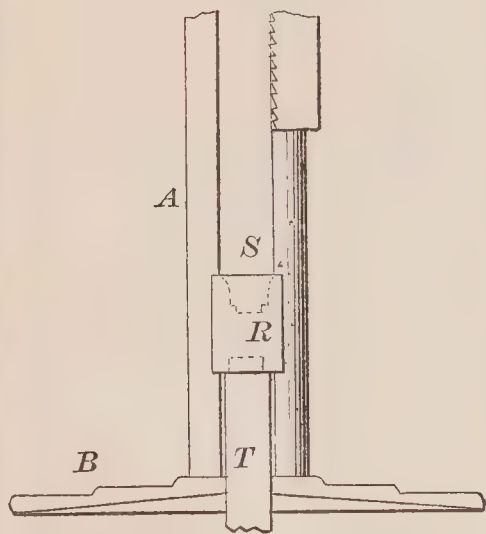
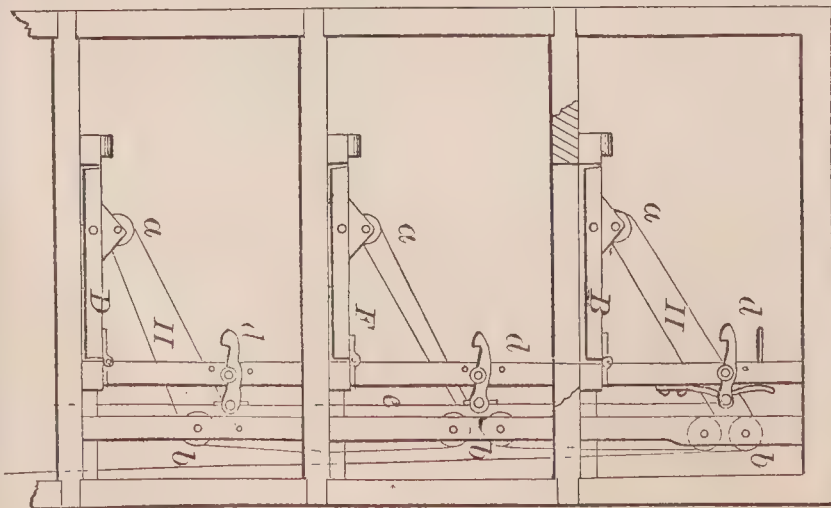
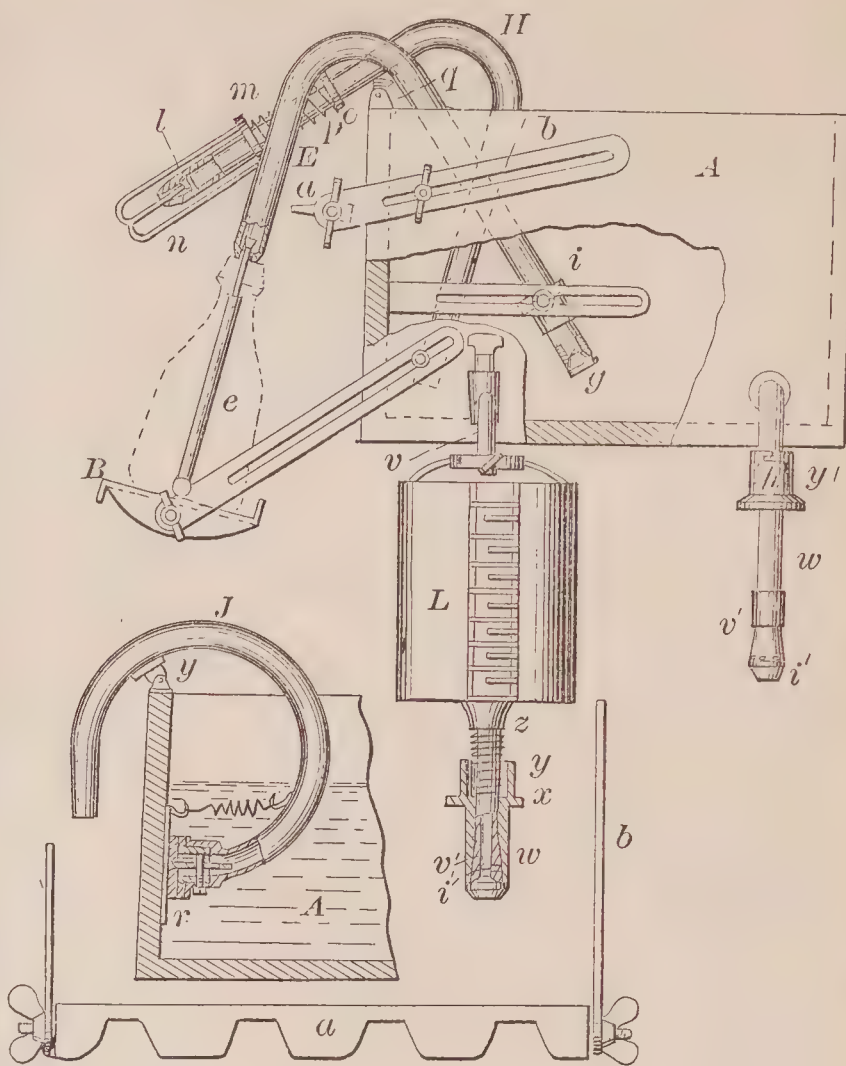
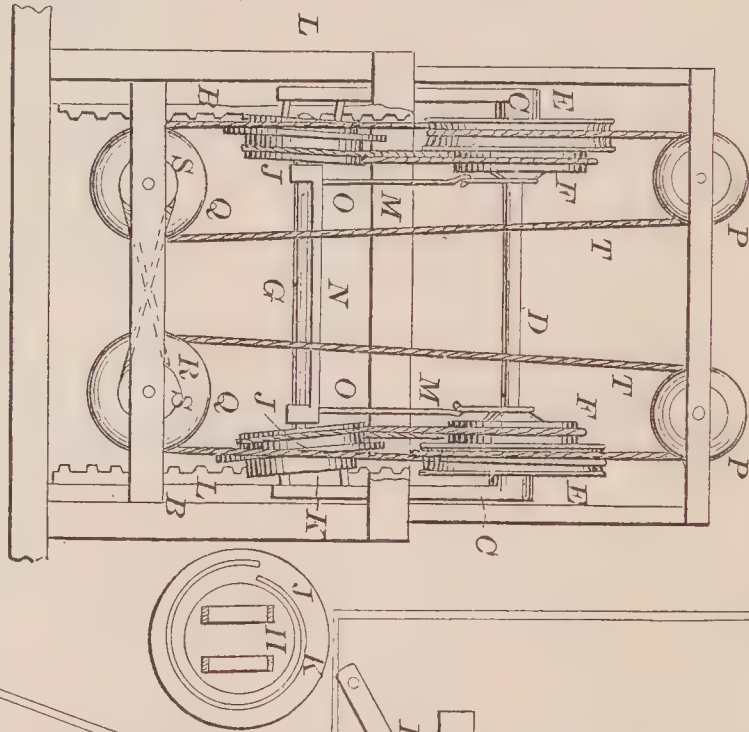
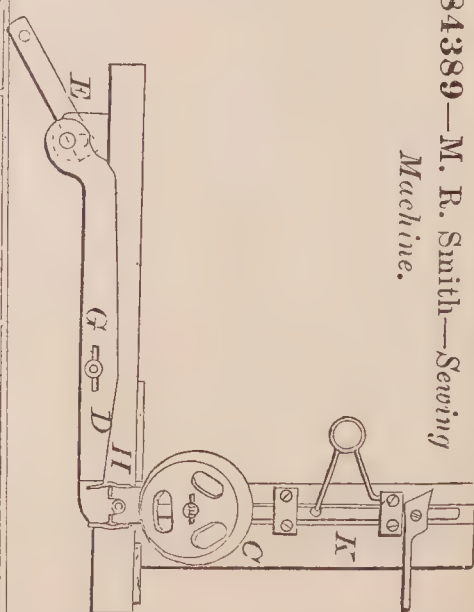
84375—G. Rank—*Seed Sower.*



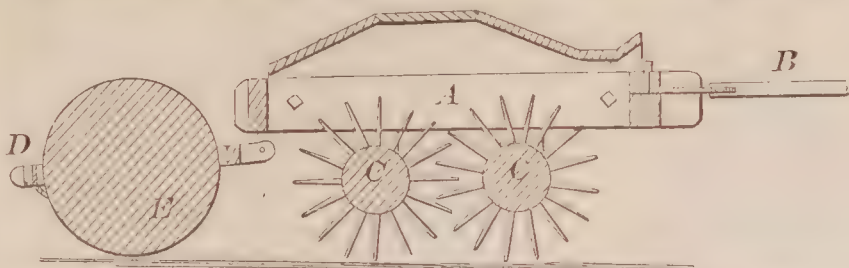
84379—M. Satterlee—*Sleigh Brake.*



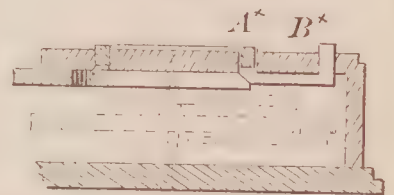
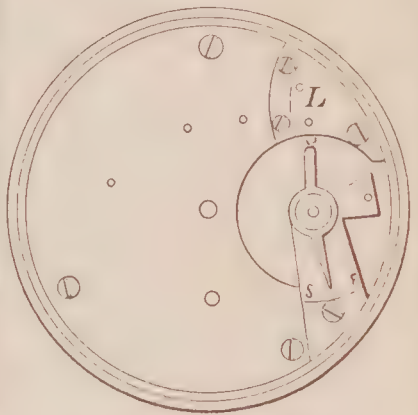
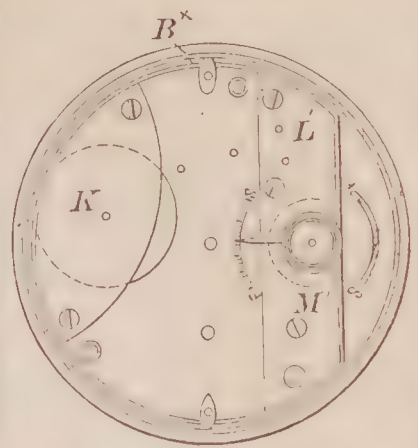


84382—G. A. Seaver—*Latch.*84383—T. Shaw—*Pile Driver.*84387—J. D. Sinclair—*Hatchway.*84384—P. M. Sherwood—*Bottle Filling Apparatus.*84385—T. B. Simonton—*Elevator.*84389—M. R. Smith—*Sewing Machine.*

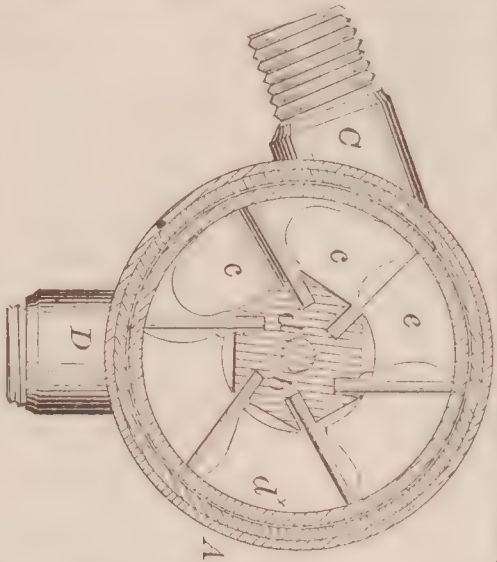
84386—J. Simpson—Crusher, Harrow and Roller.



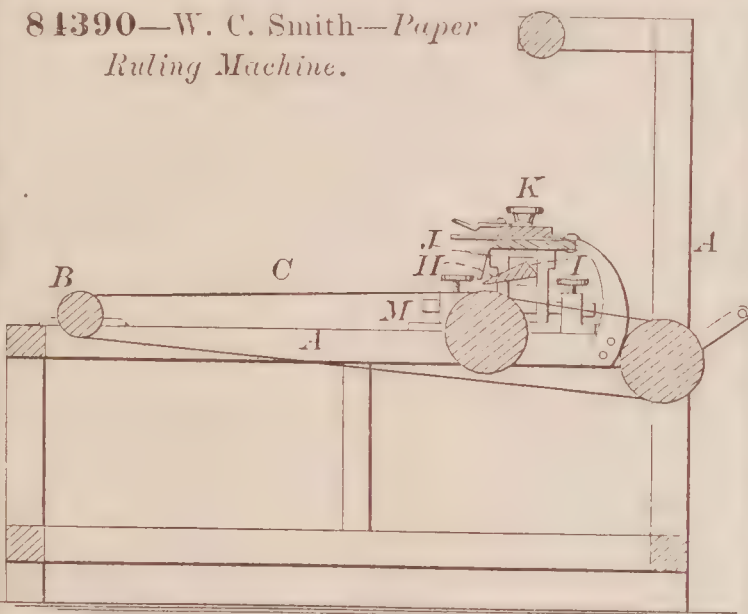
84388—W. E. Smith—Frame for Protecting Watch Works.



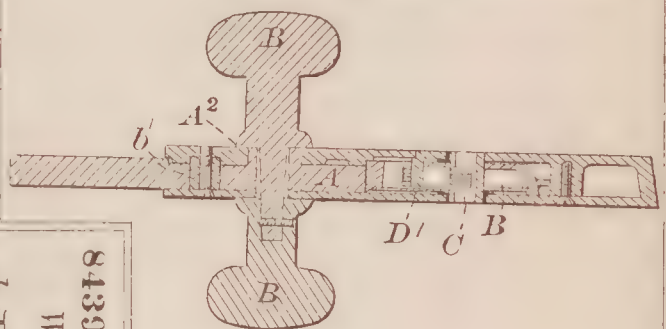
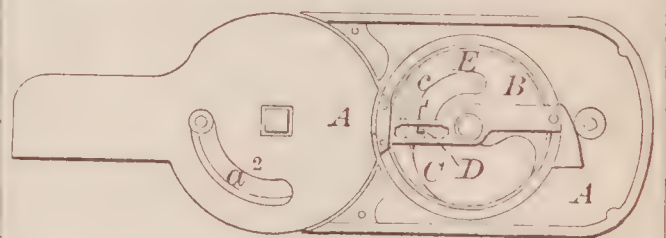
84393—W. E. Tate—Water Wheel.



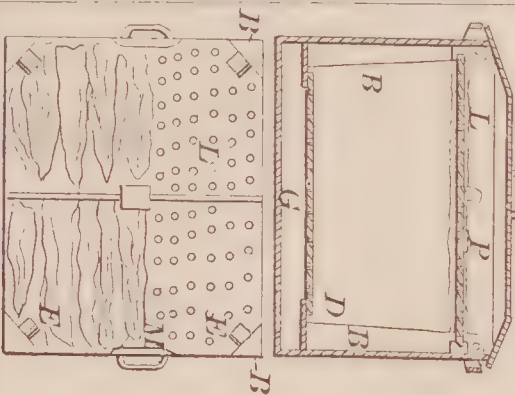
84390—W. C. Smith—Paper Ruling Machine.



84391—A. Sprague—Latch and Lock.



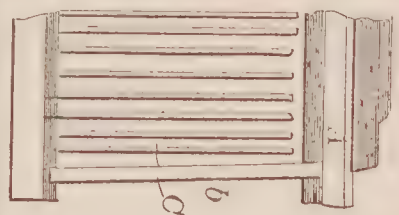
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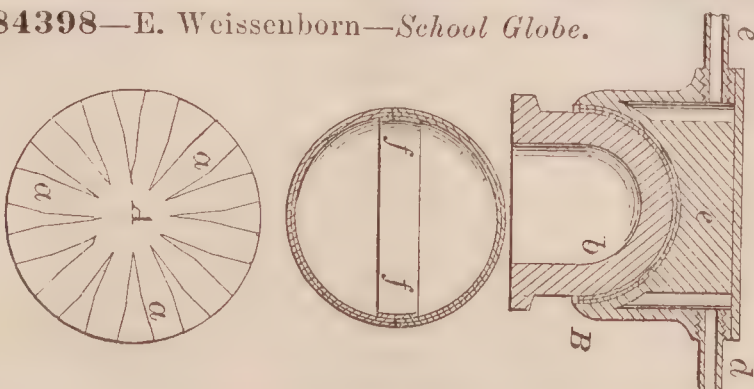
84394—S. J. Thomas—Water Wheel.



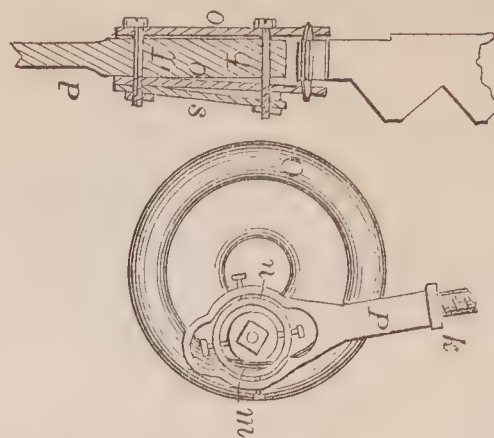
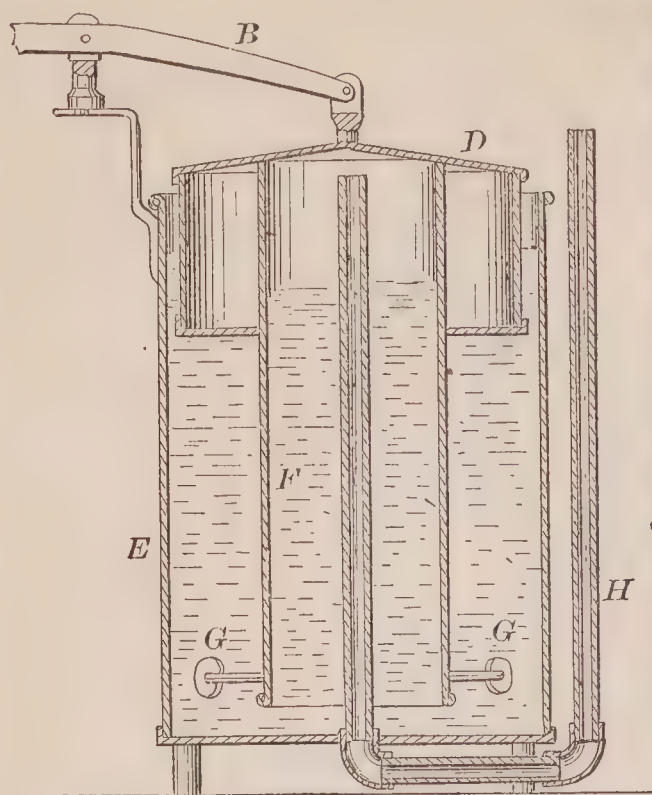
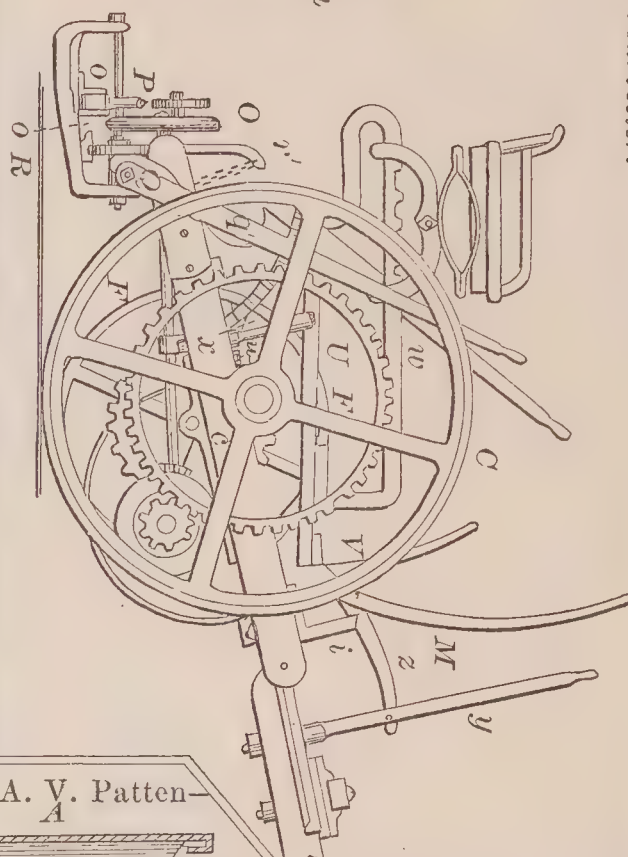
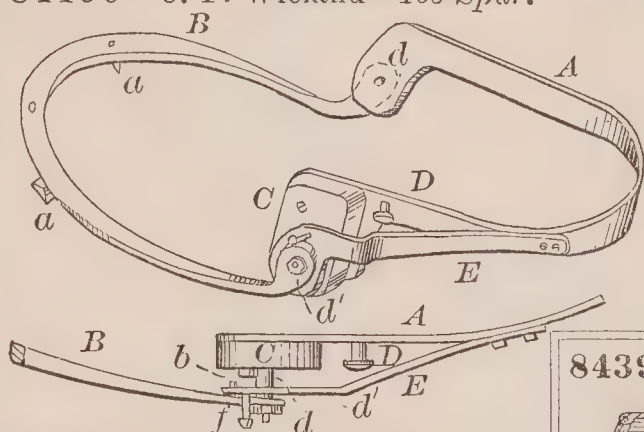
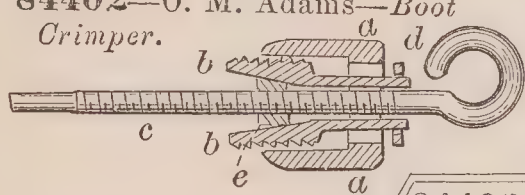
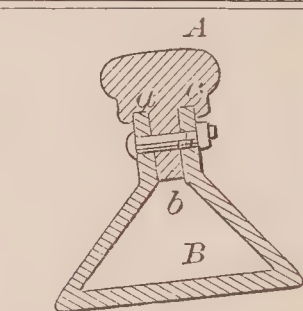
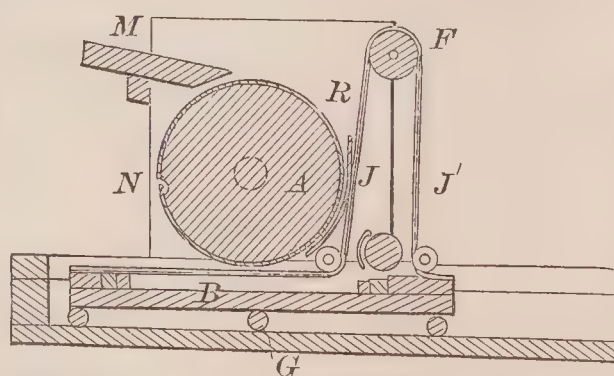
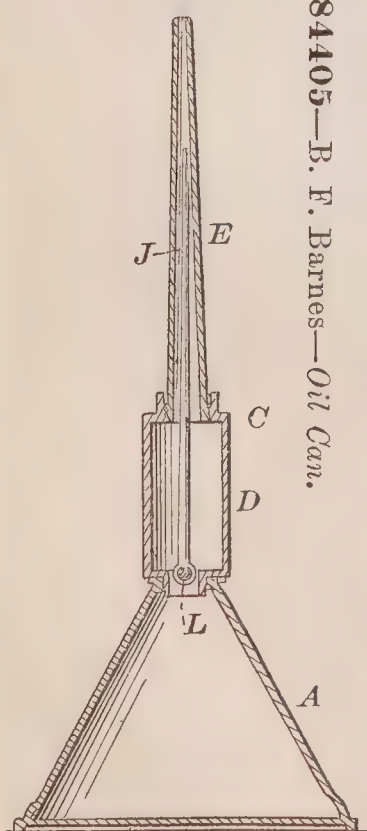
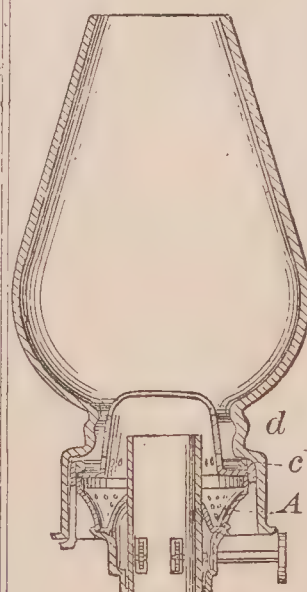
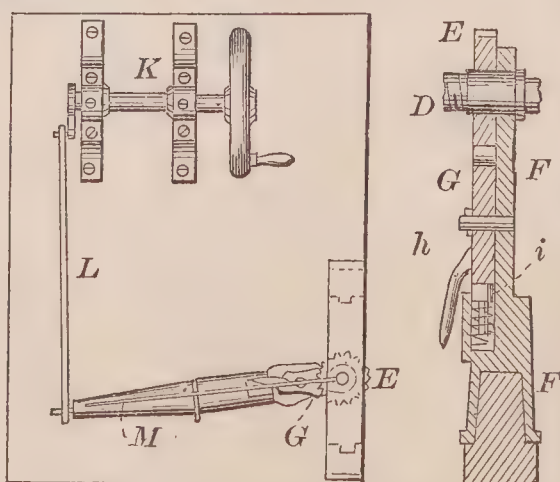
84392—W. Sutton—Cotton Gin.



84398—E. Weissenborn—School Globe.

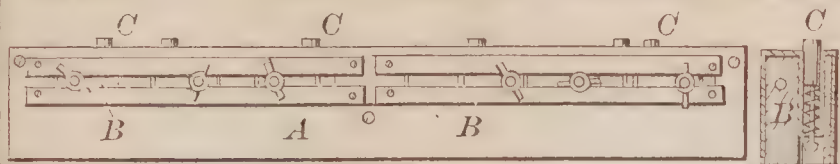




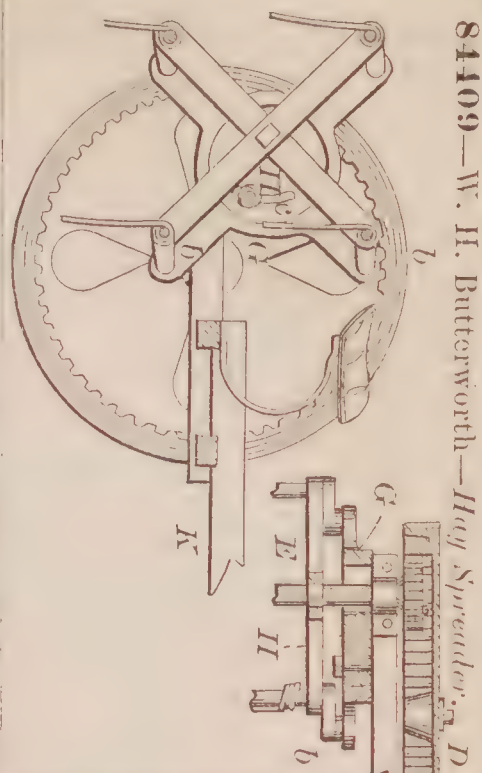
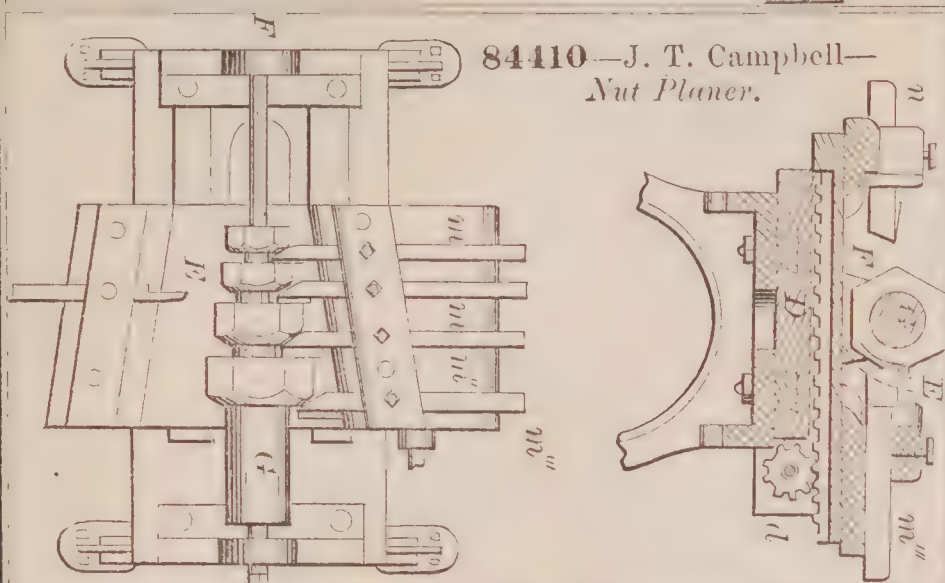
84400—C. F. Wieland—*Ice Spur.*84402—O. M. Adams—*Boot Crimper.*84403—S. J. Baird—*Printing Press.*84405—B. F. Barnes—*Oil Can.*84406—A. Bliss—*Lamp Burner.*



84407—W. P. Boyd—Gauge for Mortising Window Sash.

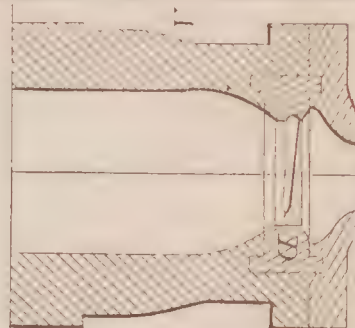


84410—J. T. Campbell—Nut Planer.



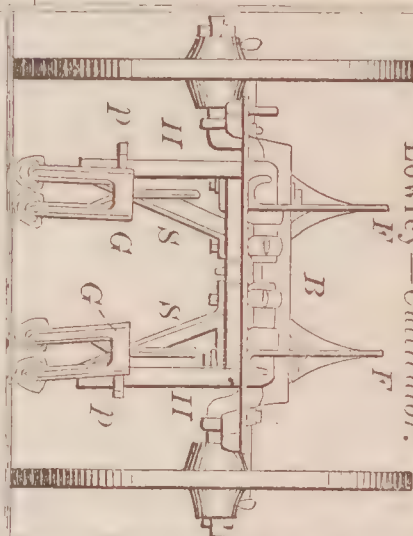
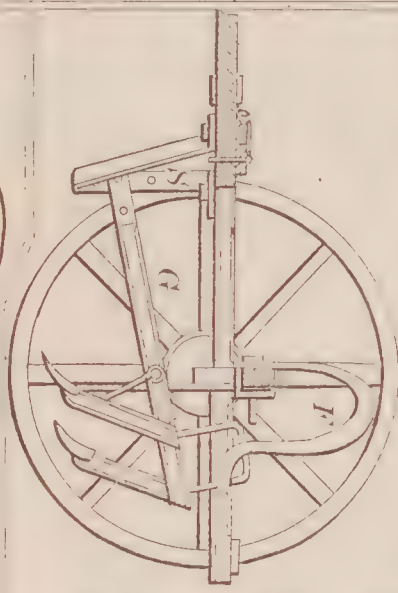
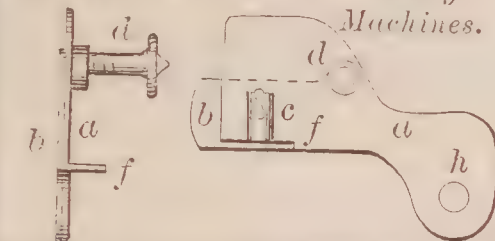
84409—W. H. Butterworth—Hay Spreader.

84411—Clark & Farrell—Screw Tap.

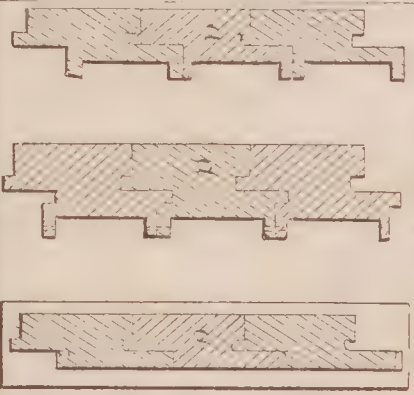


84412—E. W. Cooper—Glass Mould.

84414—J. Crandell—Sewing Machines.

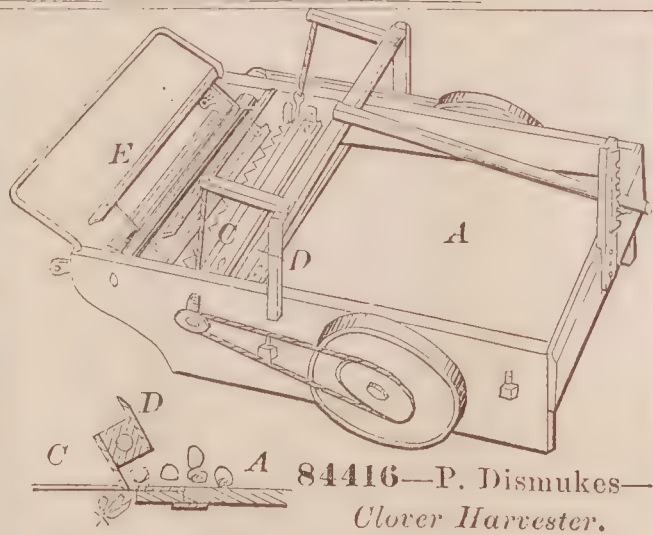
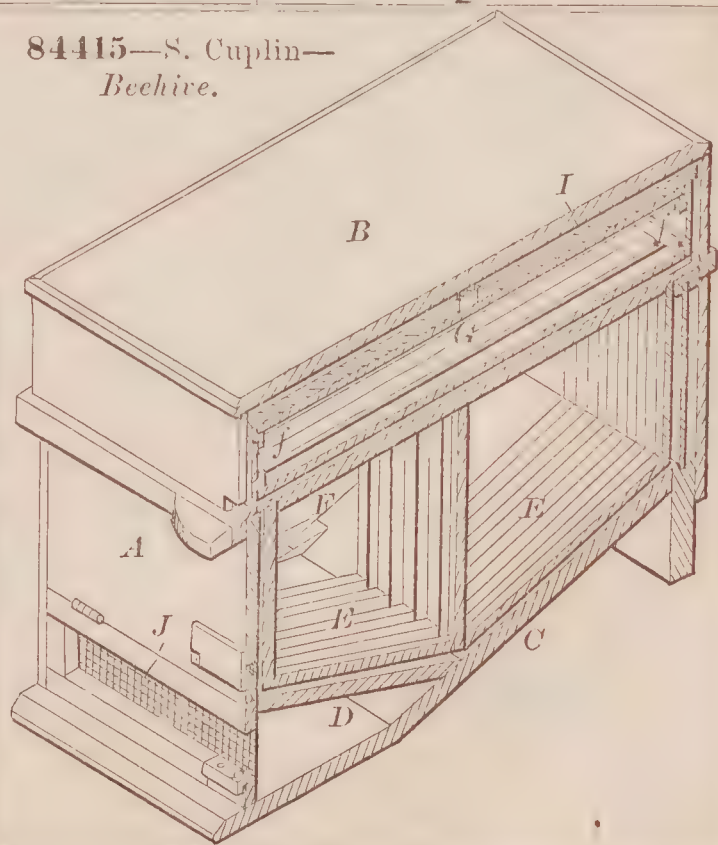


84413—Coultter, Traubel & Lowrey—Cultivator.



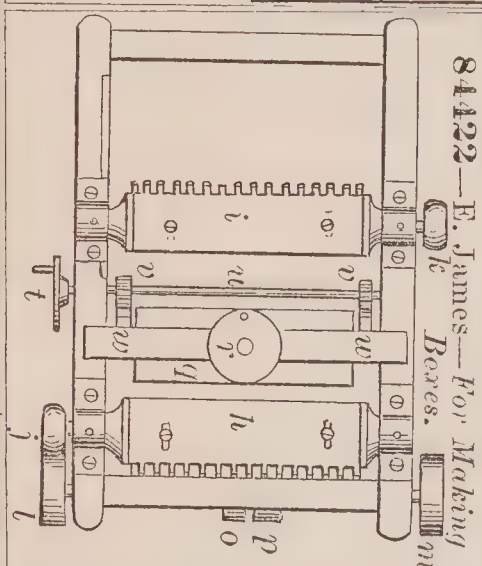
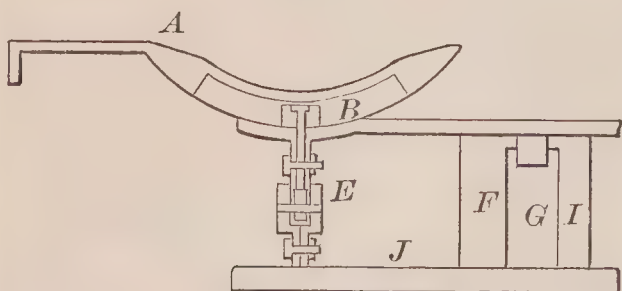
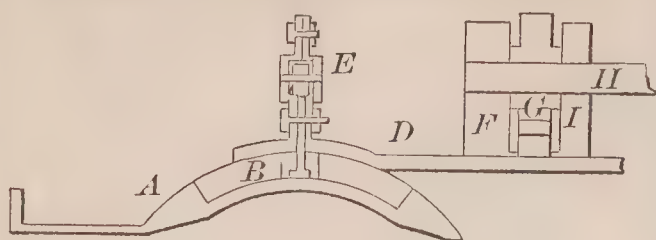
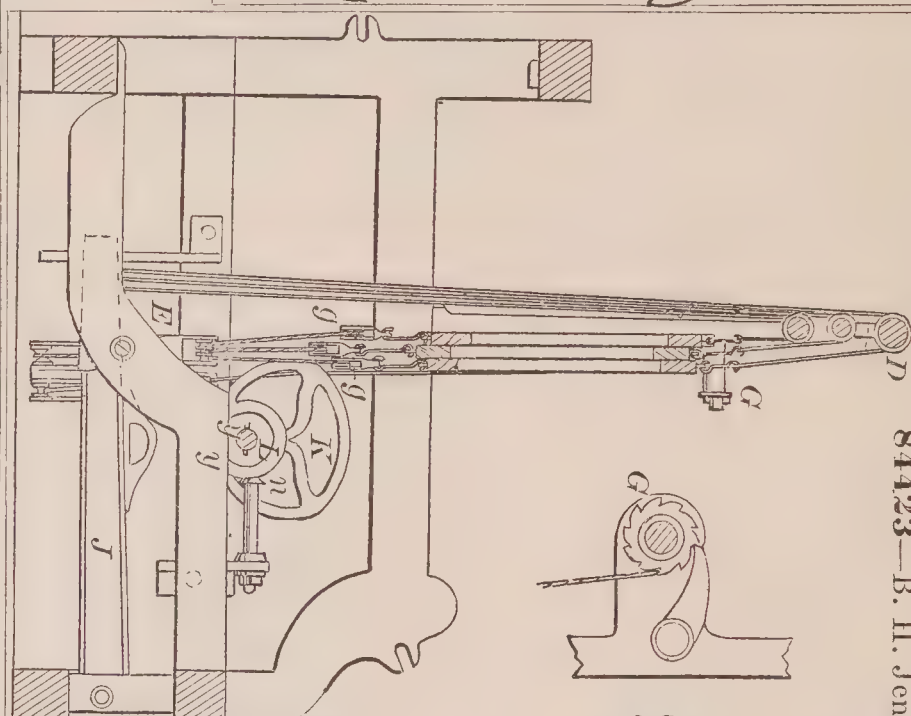
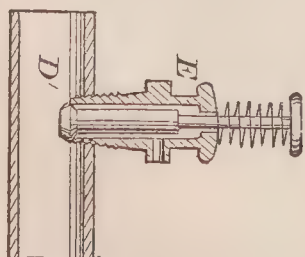
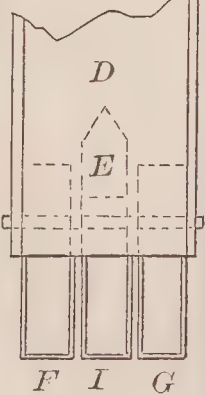
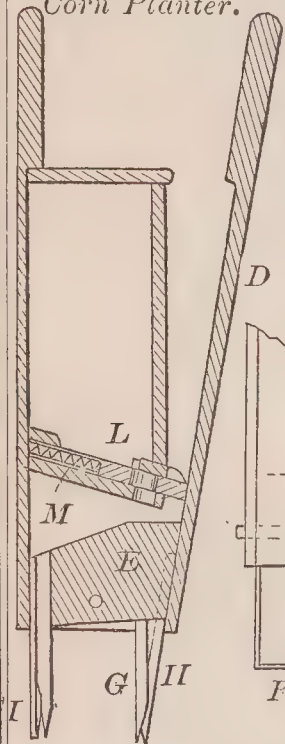
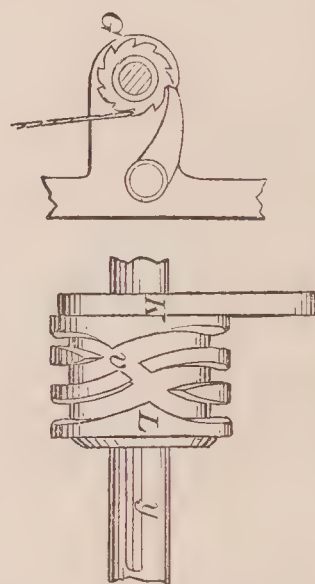
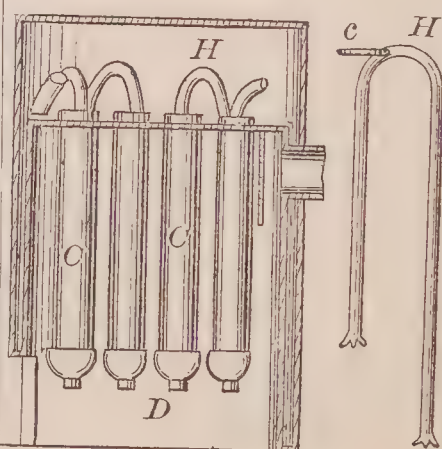
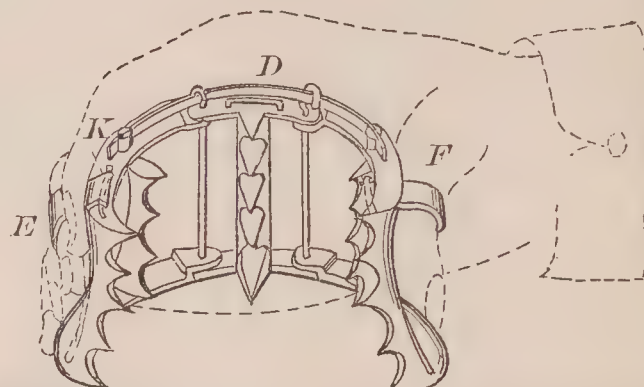
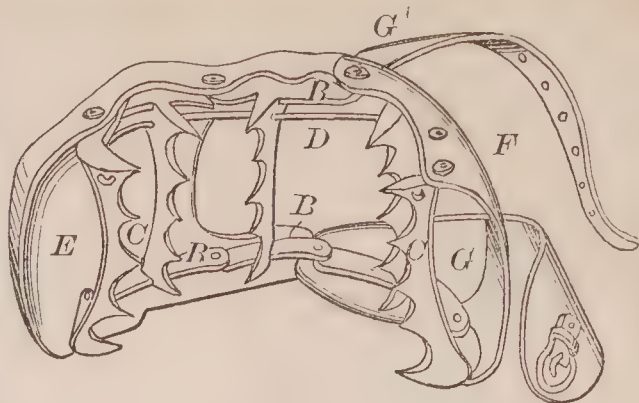
84418—G. J. Günther—Armor Plating for Vessels.

84415—S. Cuplin—Beehive.

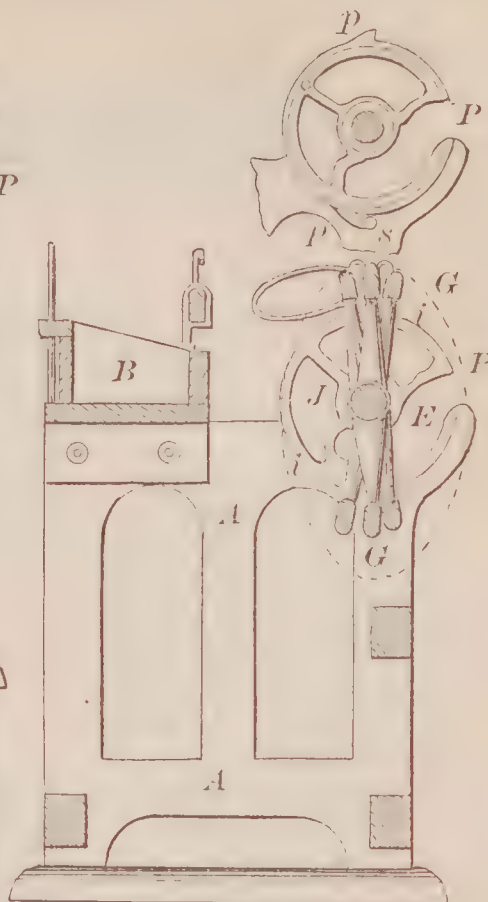
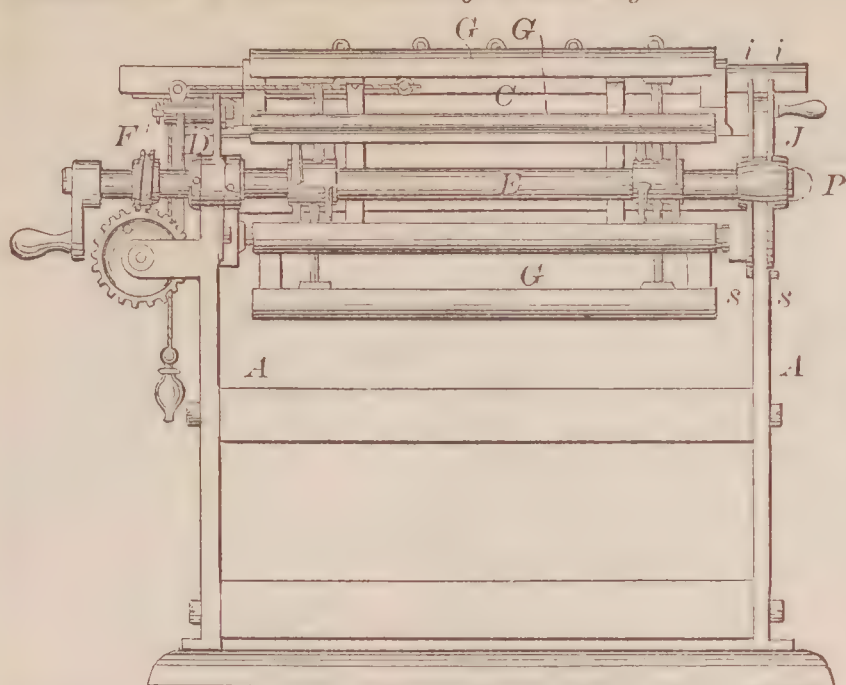


84416—P. Dismukes—Clover Harvester.

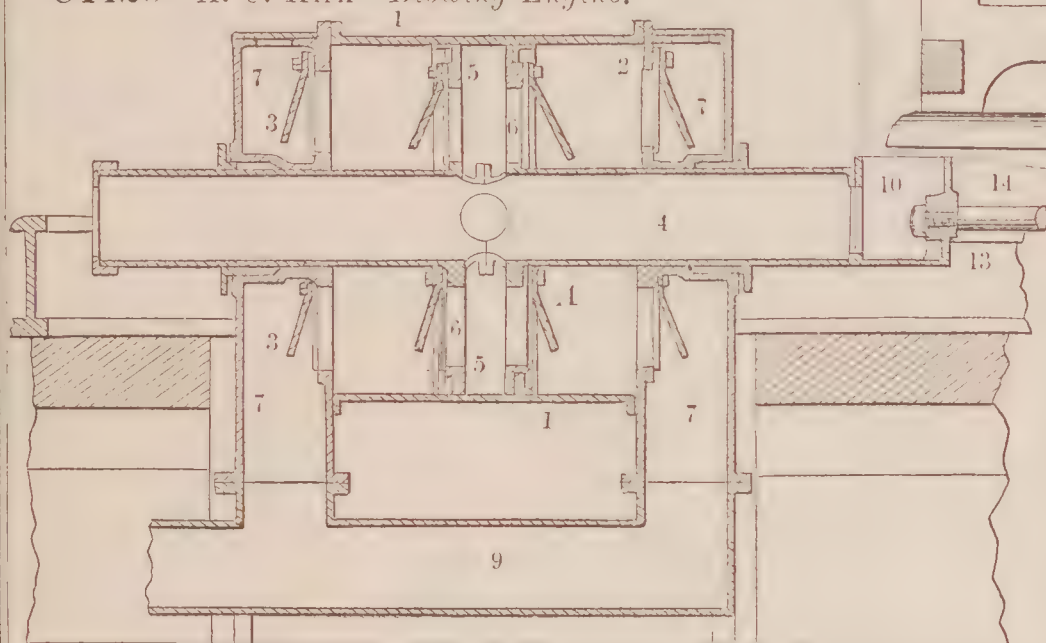


84417—A. Duvall—*Universal Joint.*84422—E. James—*for Making Boxes.*84426—C. A. Kellogg—*Corn Planter.*84423—B. H. Jenks—*Loom.*84427—J. C. Kilgore—*Steam Generator.*84419—Hafelfinger & Eagle—*Corn Husker, Sheller and Stripper.*

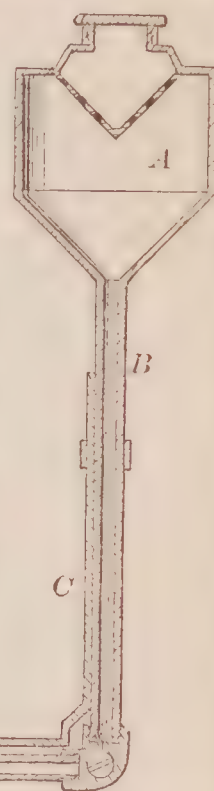
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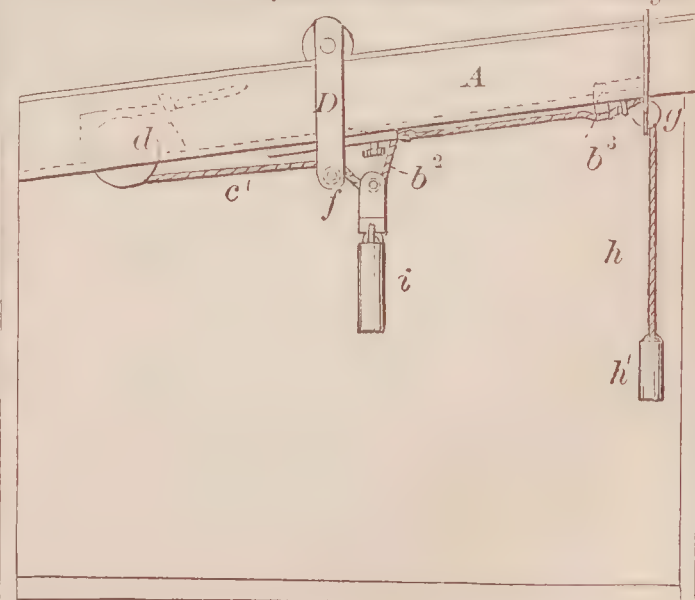
84428—A. C. Kirk—*Blowing Engine.*



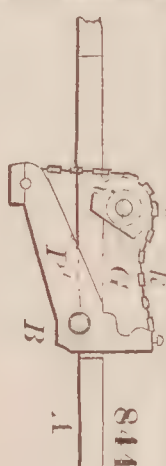
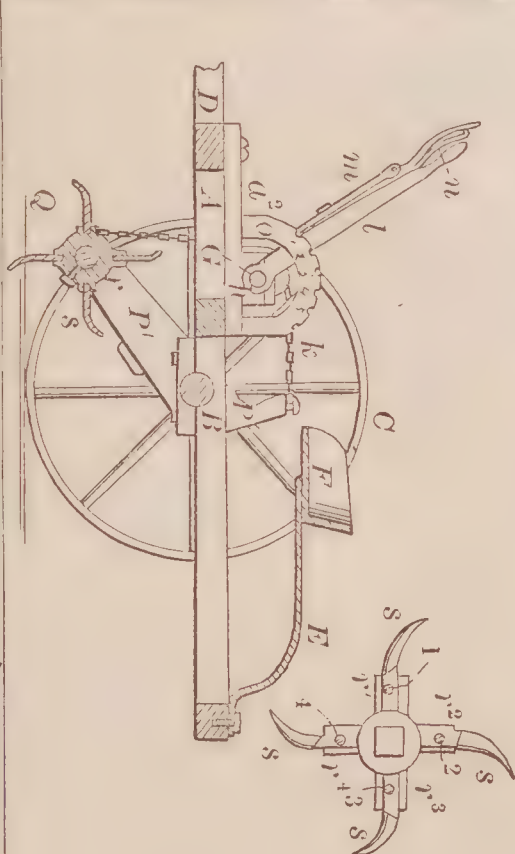
84429—D. H. Lowe—*Stad Iron Heater.*



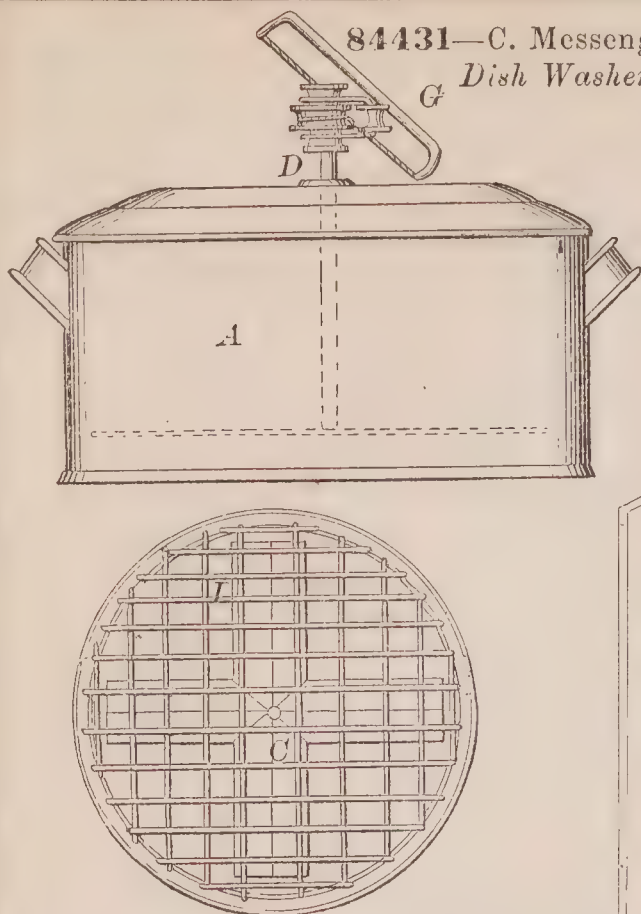
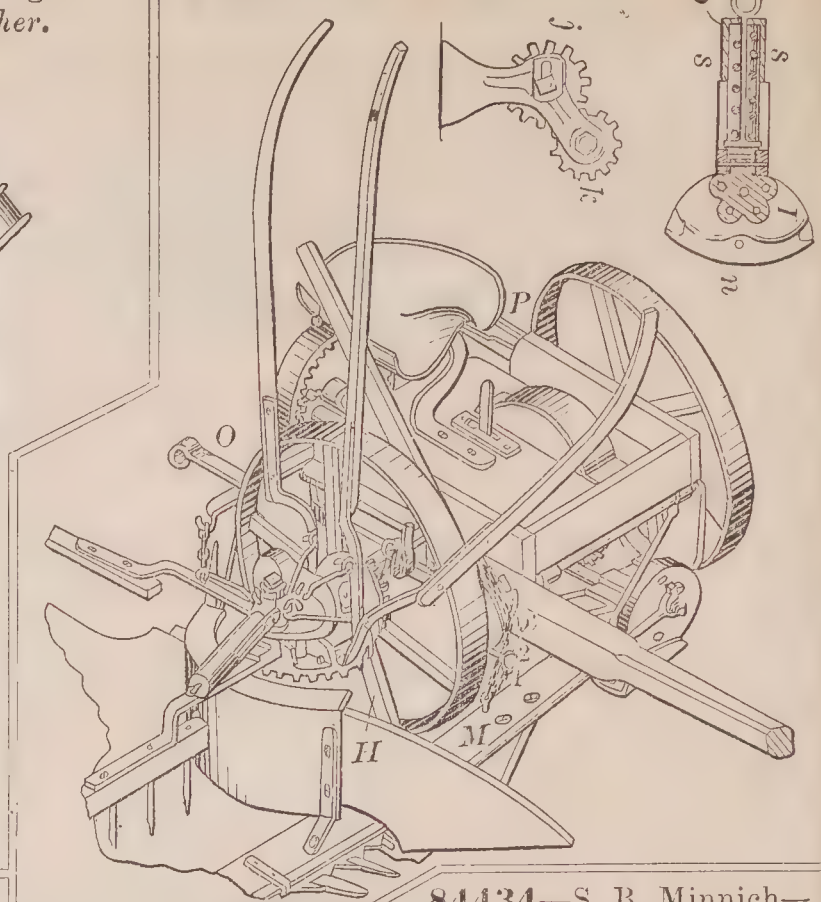
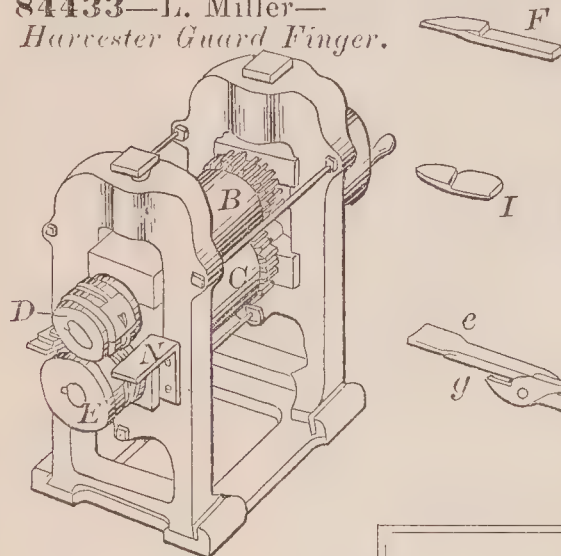
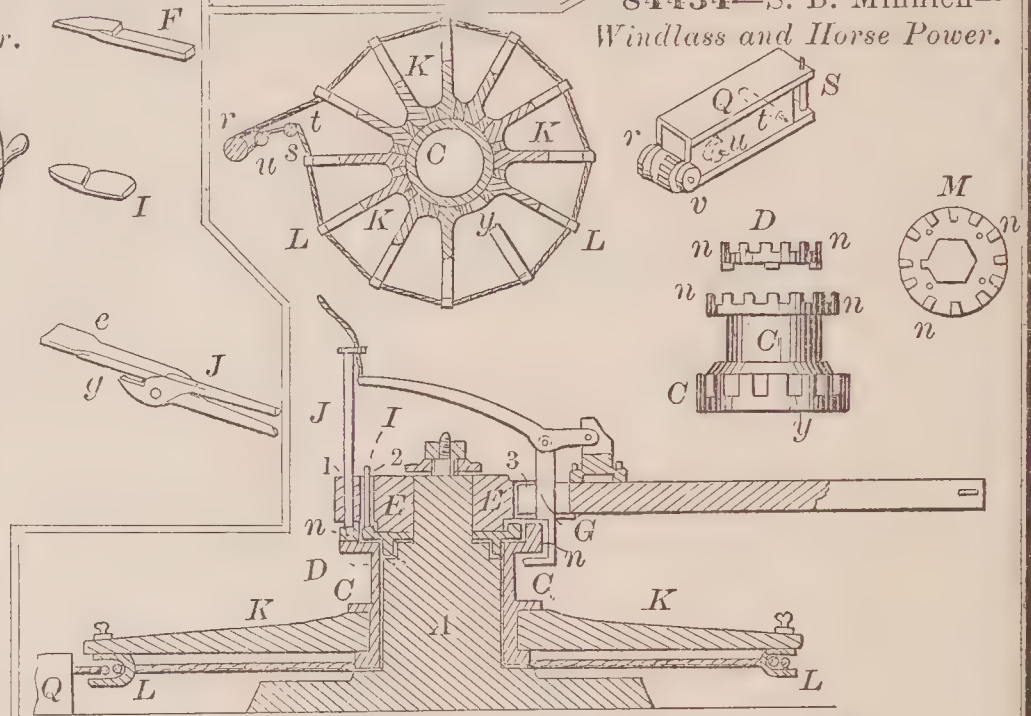
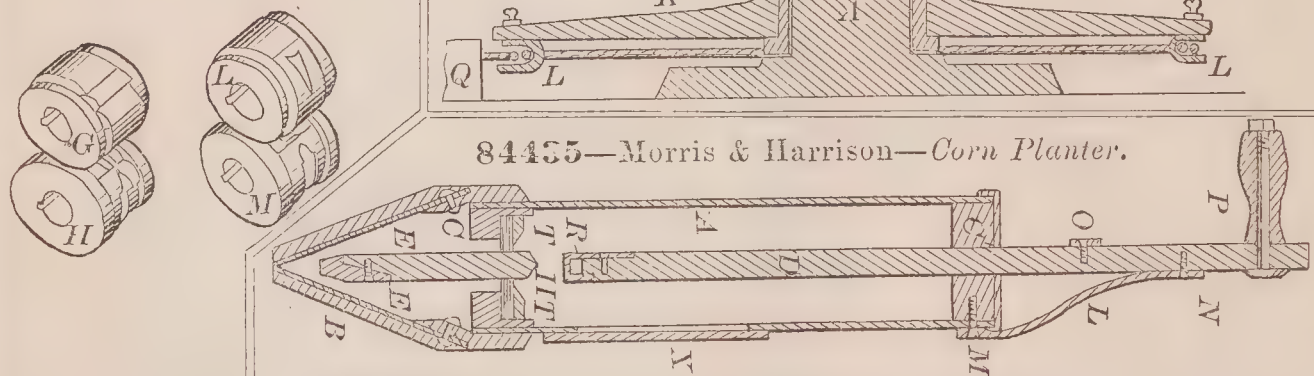
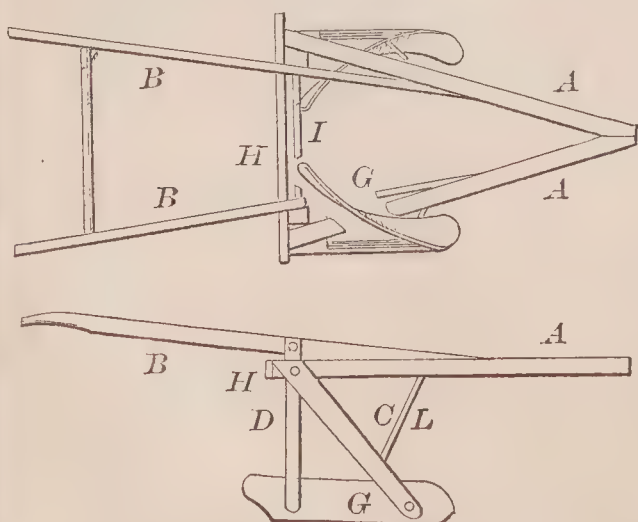
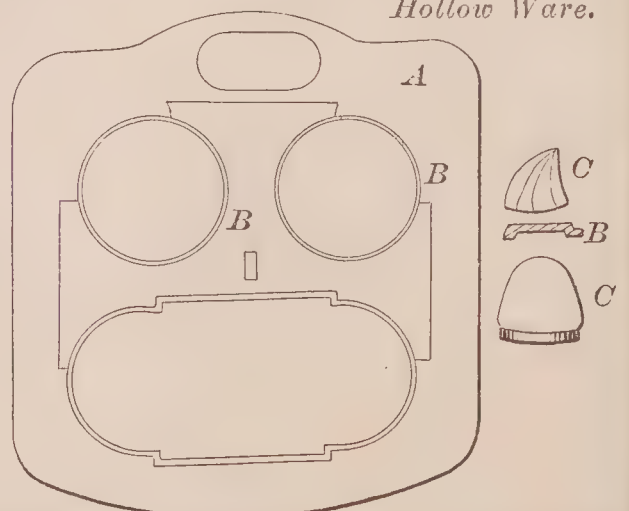
84436—L. Y. Myers—*Elevator and Conveyer.*



84430—T. E. McDonald—*Cultivator.*

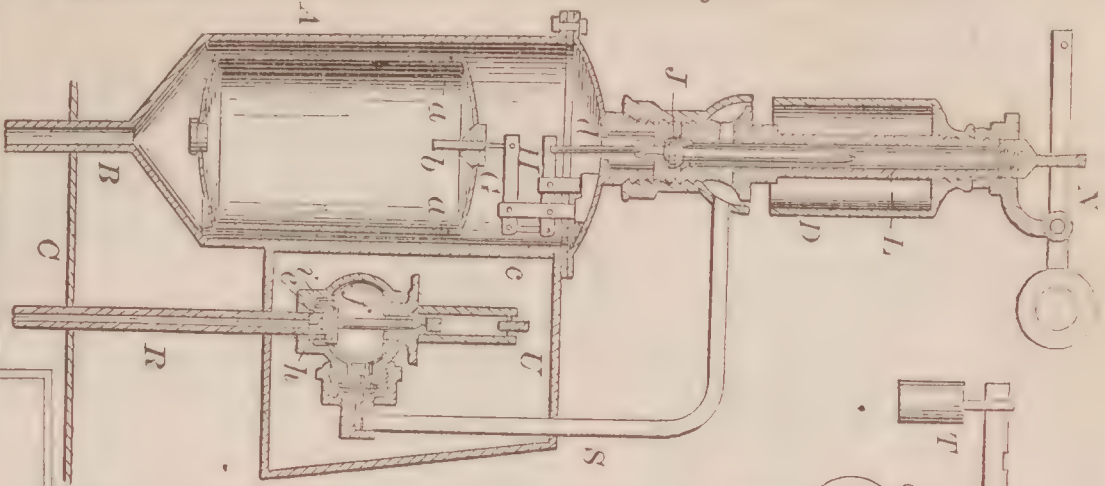




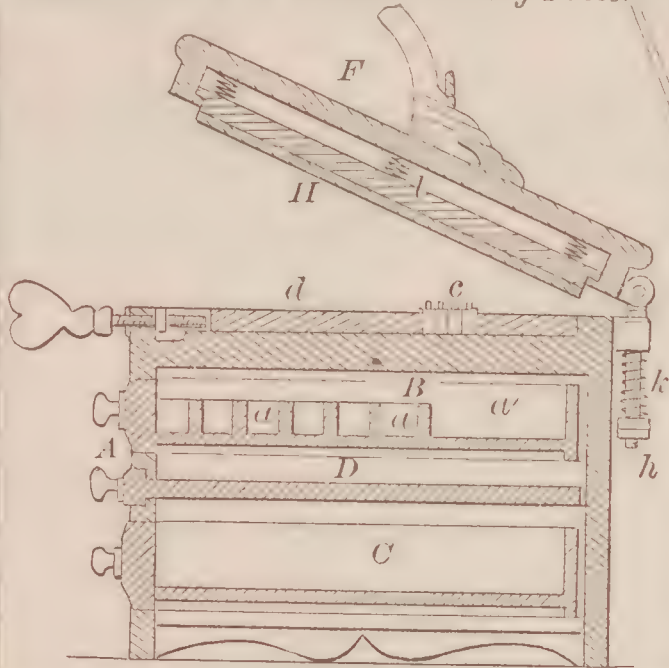
84431—C. Messenger—  
*Dish Washer.*84432—L. Miller—*Harvester.*84433—L. Miller—  
*Harvester Guard Finger.*84434—S. B. Minnich—  
*Windlass and Horse Power.*84435—Morris & Harrison—*Corn Planter.*84437—W. Notman—*Plow.*84438—J. Owen—*Pattern for Stoves and  
Hollow Ware.*



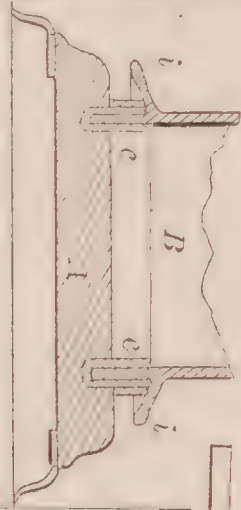
84444—L. F. Smith—Low Water and High Steam Indicator.



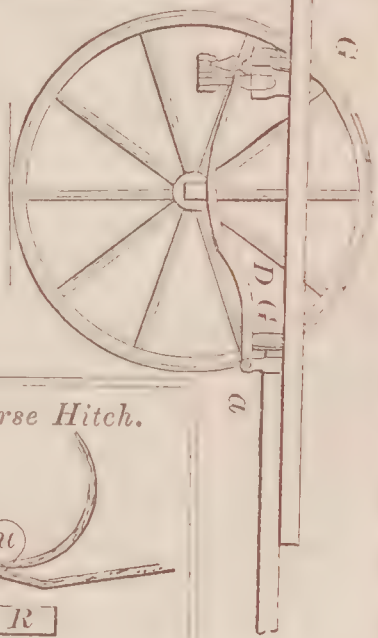
84440—L. & H. Reese—Printing Press.



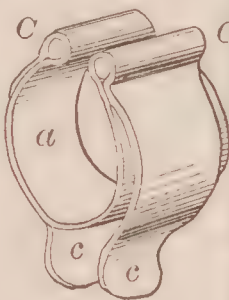
81115—E. M. Stigale—Clasp  
For Preserving Flowers.



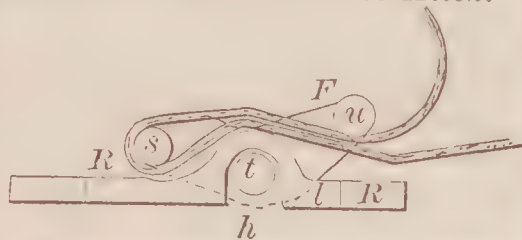
81116—W. E. Verrier—Coil Spring.



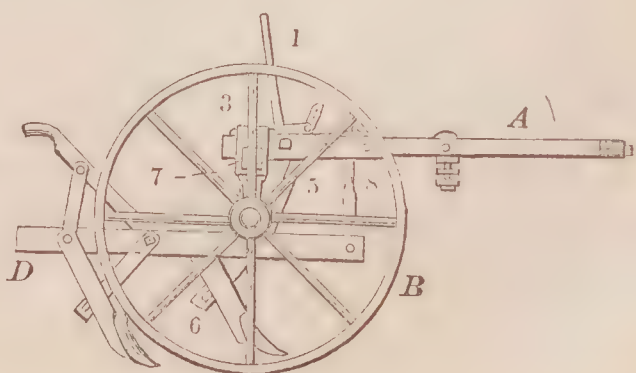
81418—Watson &  
Shepard—Curtain Clasp.



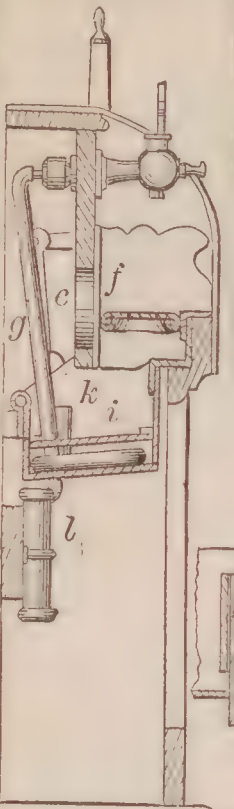
84450—T. Weaver—Horse Hitch.



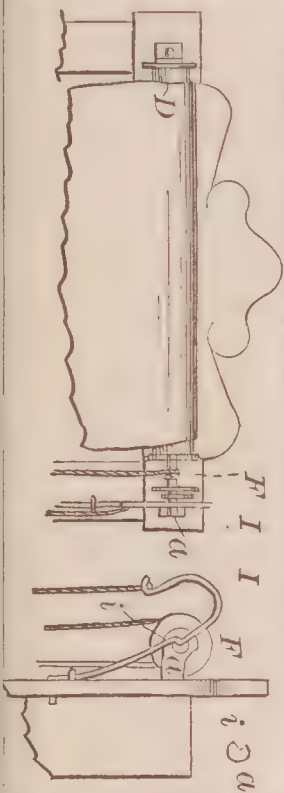
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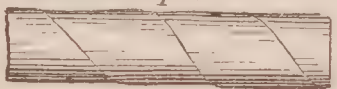
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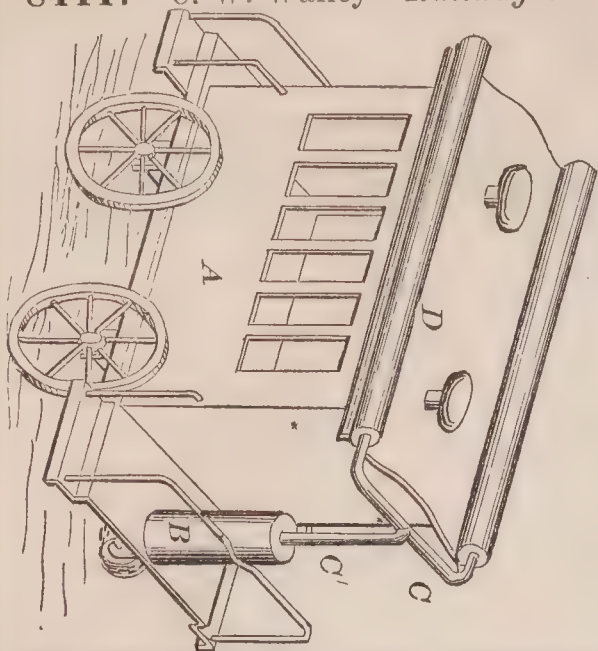
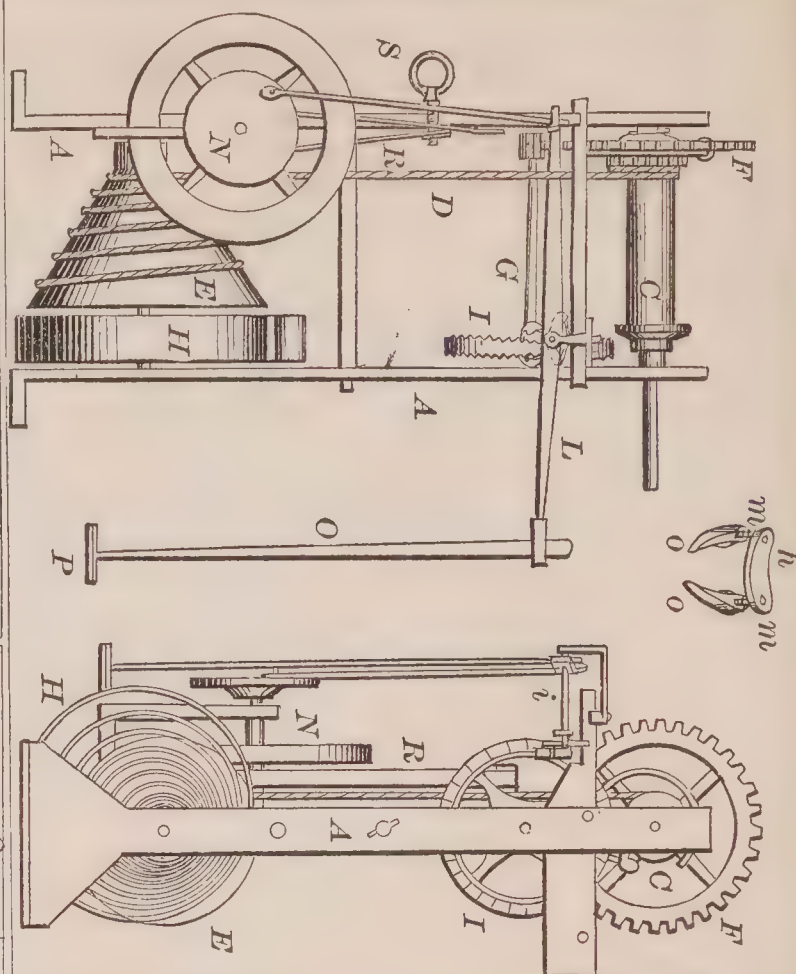
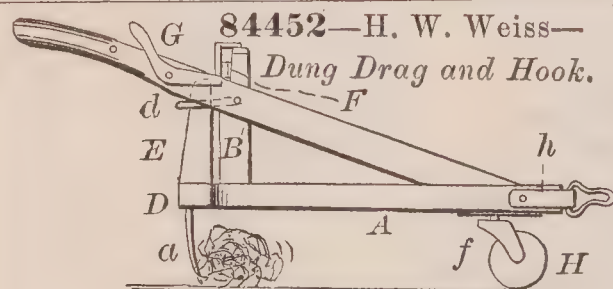
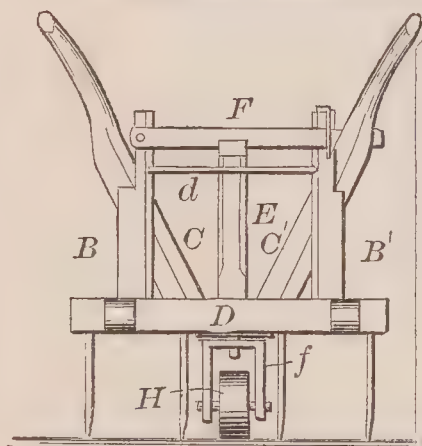
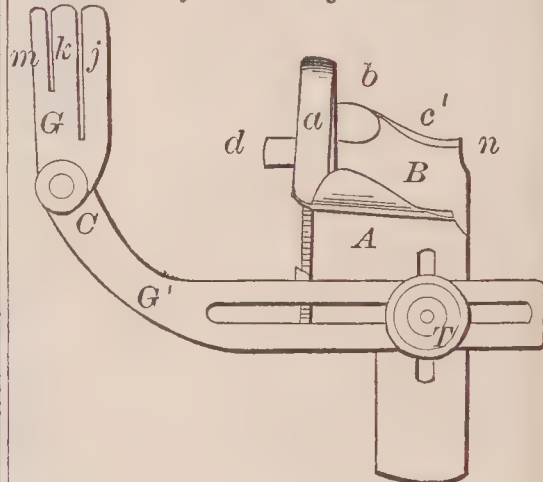
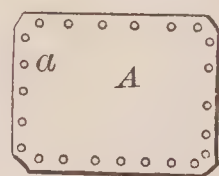
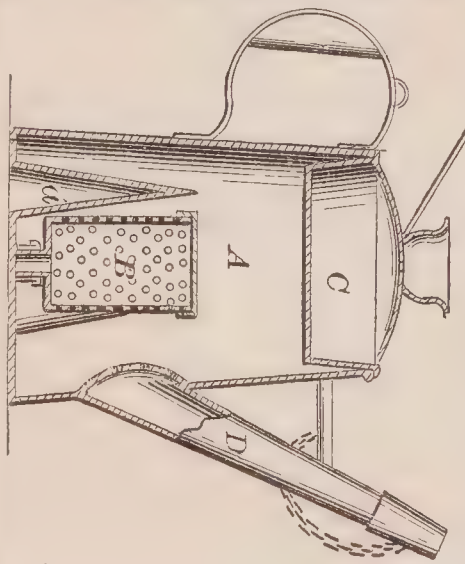
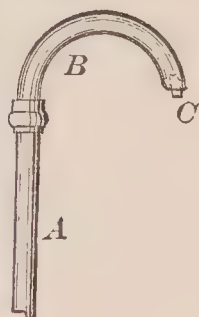
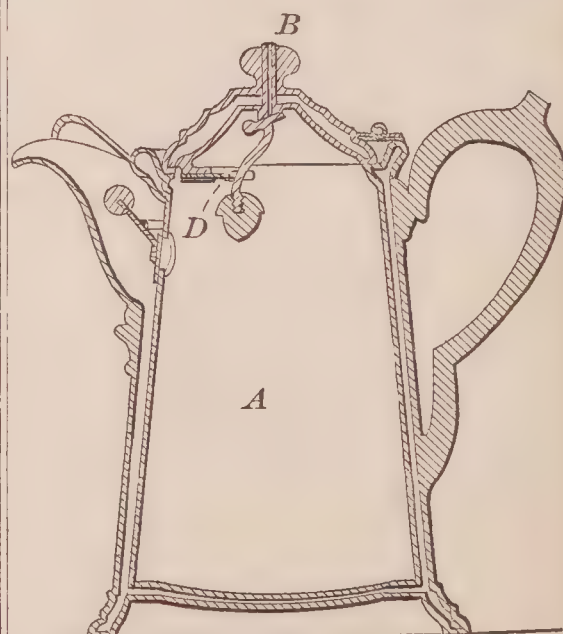
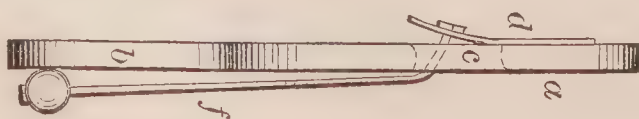
81443—Smith & Foster—Curtain Fixture.



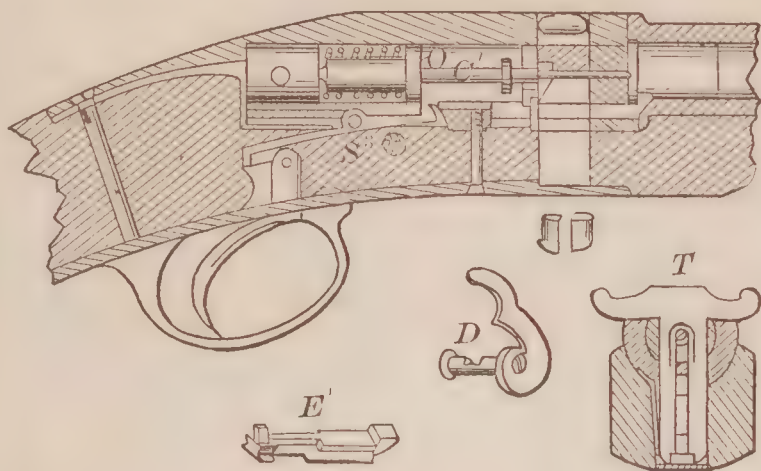
84442—A. C. Smith—Waste  
Water Pipe.



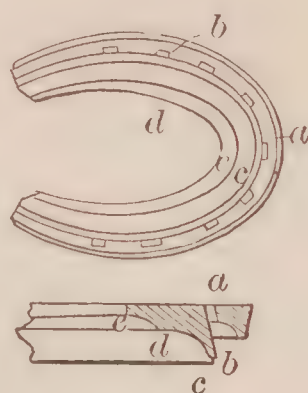


84447—C. W. Wailey—*Railway Car.*84451—M. Webb—*Mechanical Movement.*84452—H. W. Weiss—*Dung Drag and Hook.*84453—  
E. R. Whitney—*Cover  
for Hay and Grain  
A Cocks.*84454—Wilder & Crandell—*Hemmer for Sewing Machines.*84456—W. M. Williams—*Coffee Pot.*84457—G. L. Witsil—*Umbrella.*84458—W. C. Wood—*Ice Pitcher.*84461—G. F. Fessenden—*Toy Target.*

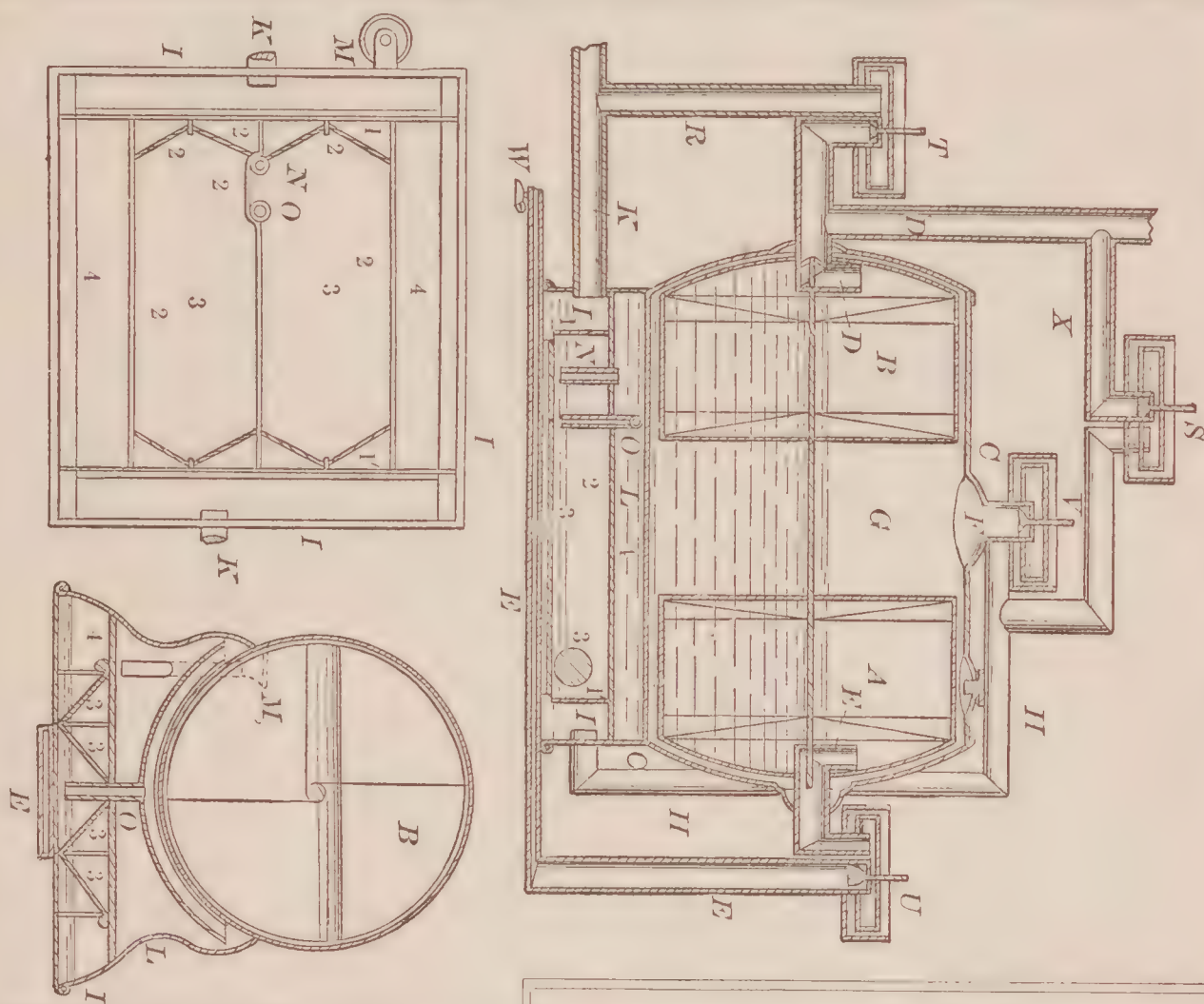
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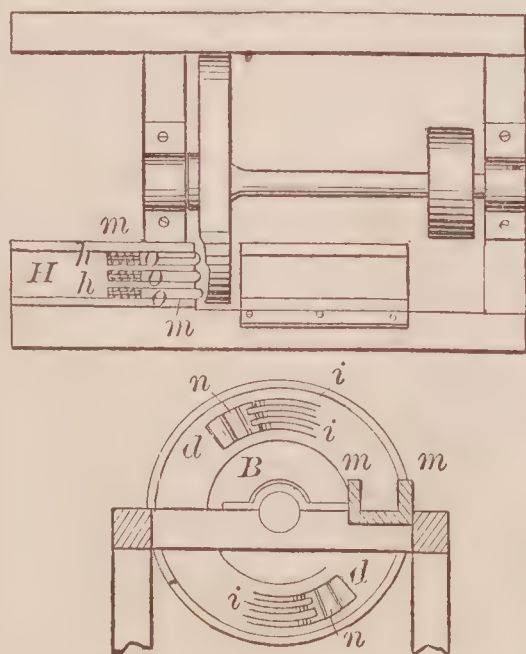
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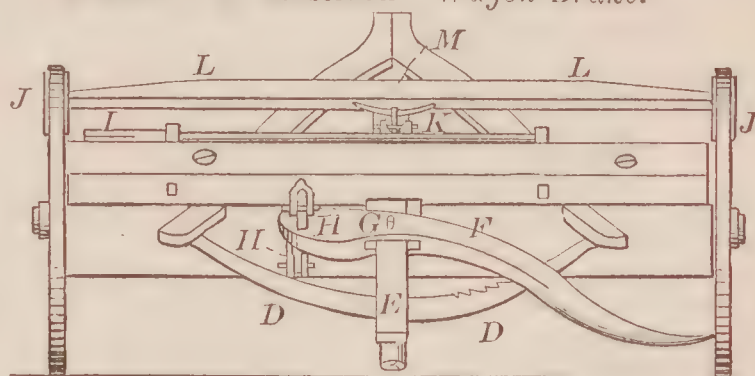
84460—E. H. & W. H. Covel—*Gas Machine.*



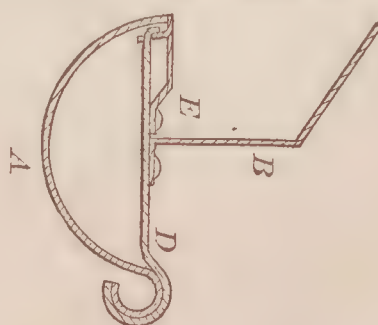
84464—Andrews & Tucker—*Match Machine.*



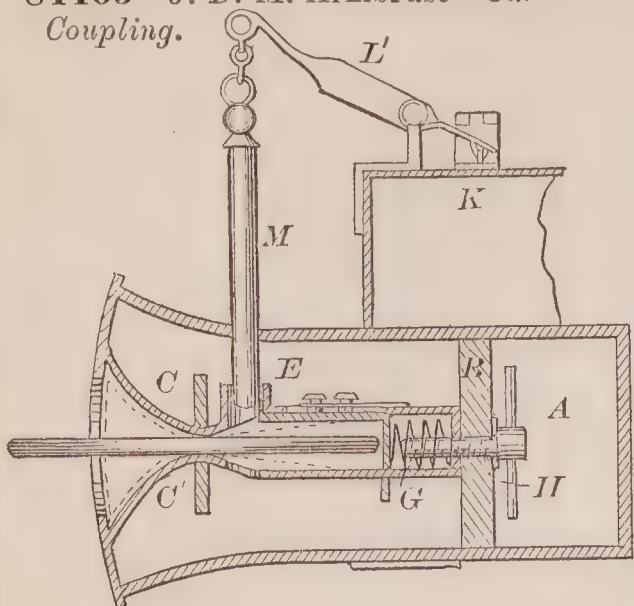
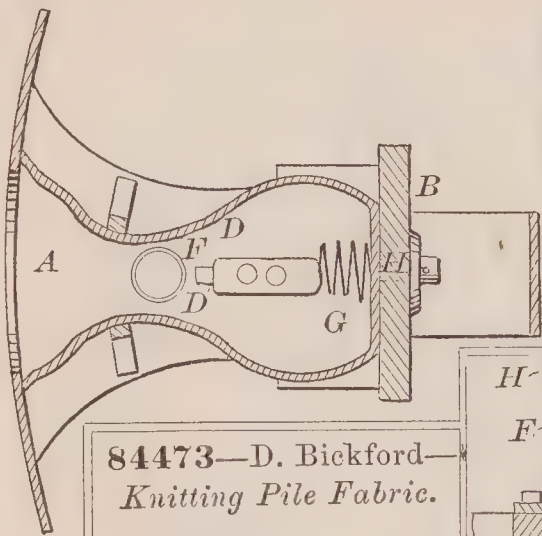
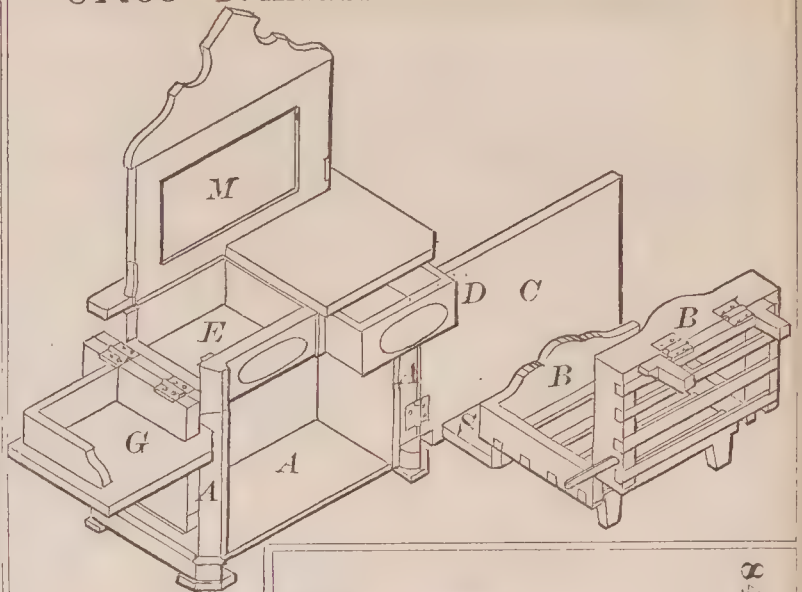
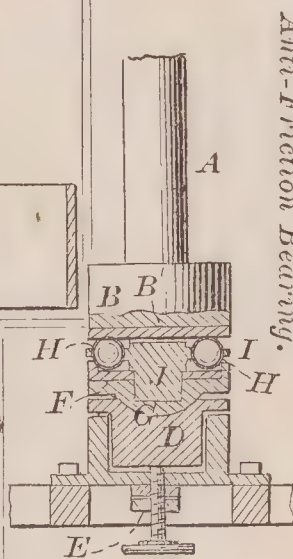
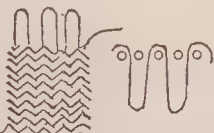
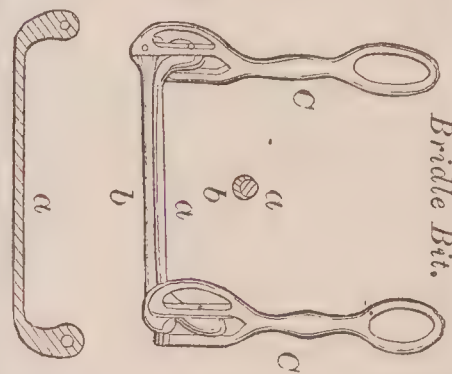
84463—H. Anderson—*Wagon Brake.*



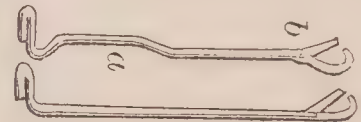
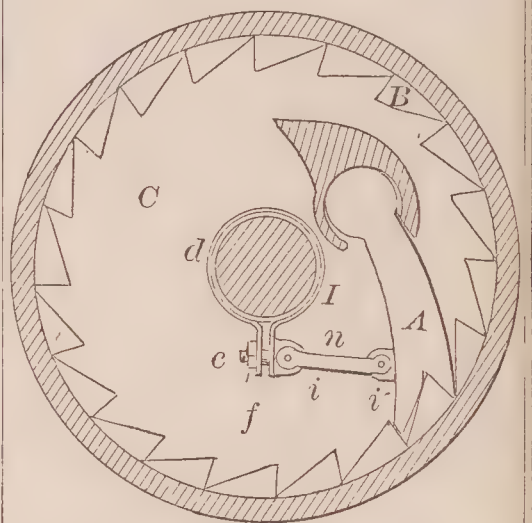
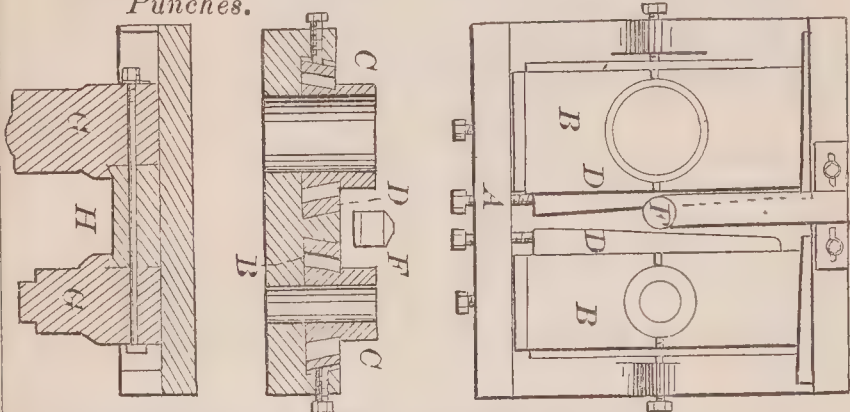
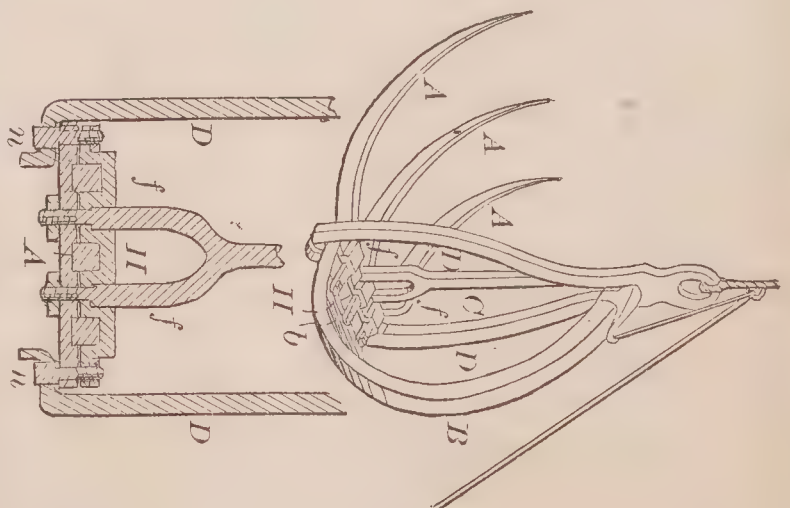
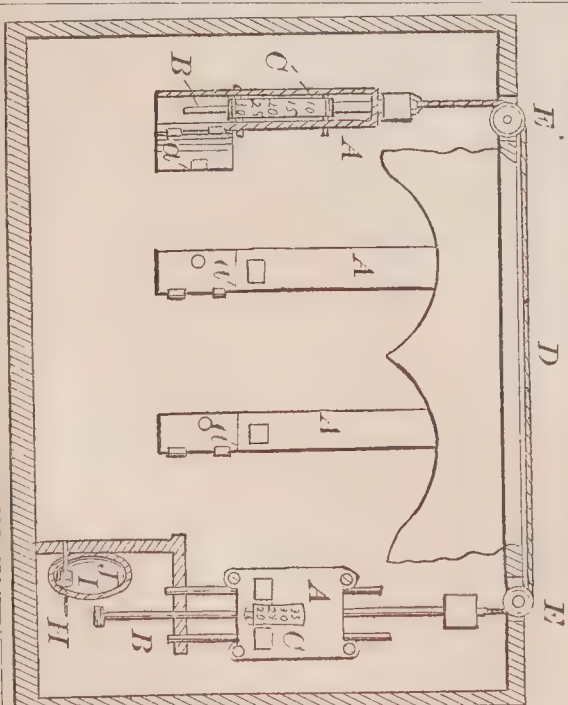
84467—D. Arter—*Fences Trough Hanger.*





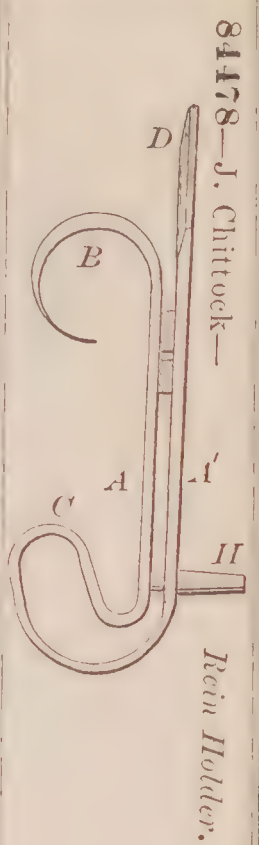
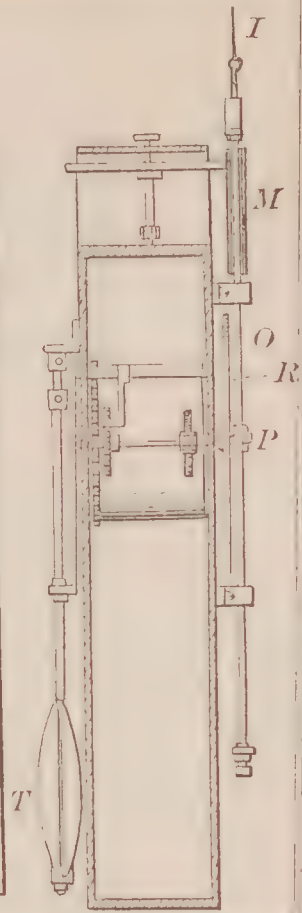
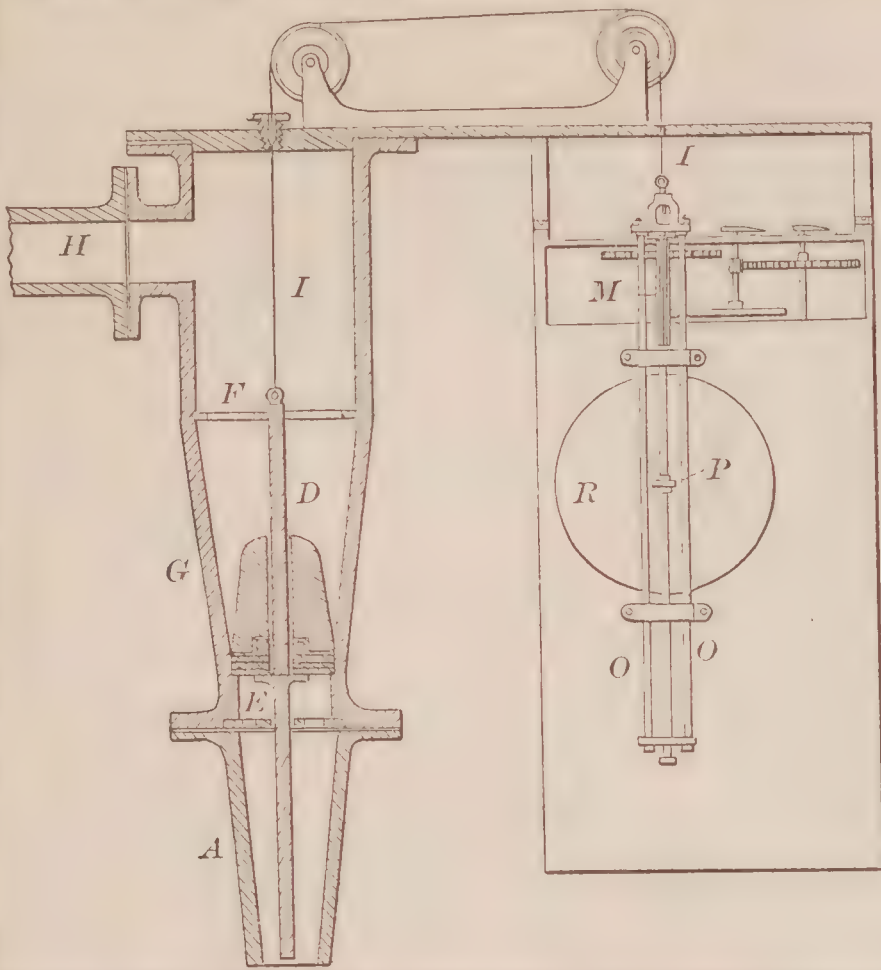
84465—J. D. M. Armbrust—*Car Coupling.*84466—D. Arnaud—*Bureau Bedstead.*84473—D. Bickford—*Knitting Pile Fabric.*84470—Barnett, Purinton & Seibert—*Anti-Friction Bearing.*84469—A. P. Baldwin—*Bridle Bit.*

84472—D. Bickford—

*Needle for Knitting Machines.*84475—Burt & Hildreth—*Harvester.*84468—P. E. Austin—*Holding and Adjusting Dies and Punches.*84477—Cheney & Kimball—*Horse Hay Fork.*84474—J. S. Birch—*Annunciator.*



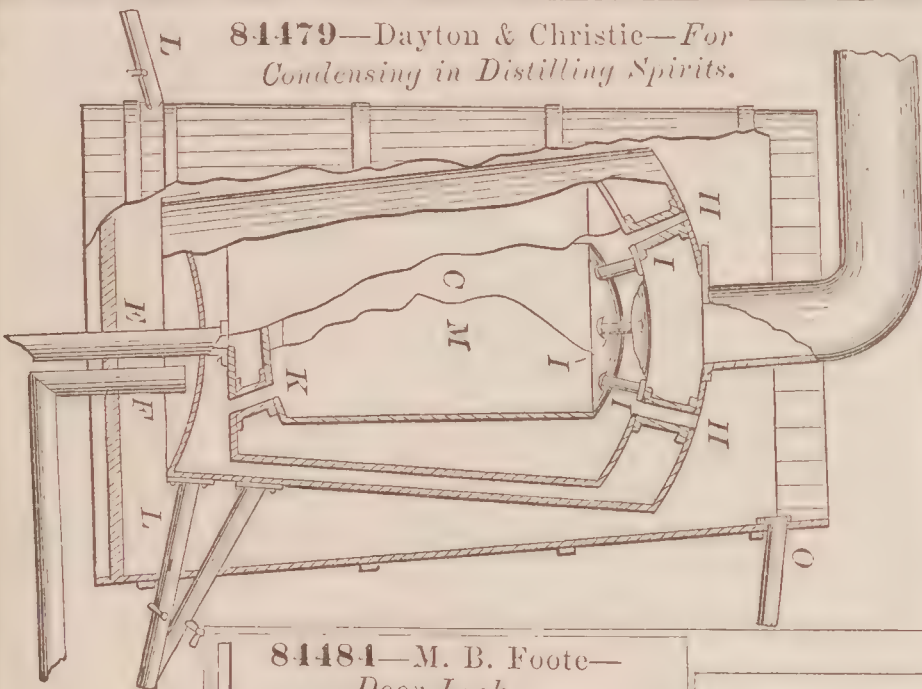
84476—E. A. Chameroy—*Fluid Meter.*



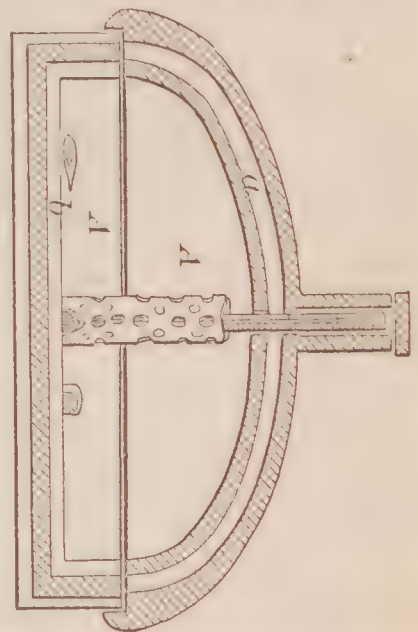
84478—J. Chittock—

*Rein Holder.*

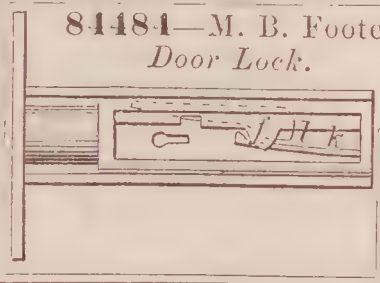
84479—Dayton & Christie—*For Condensing in Distilling Spirits.*



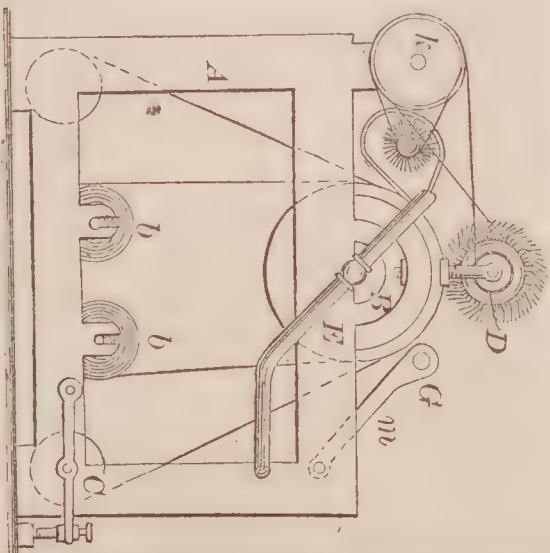
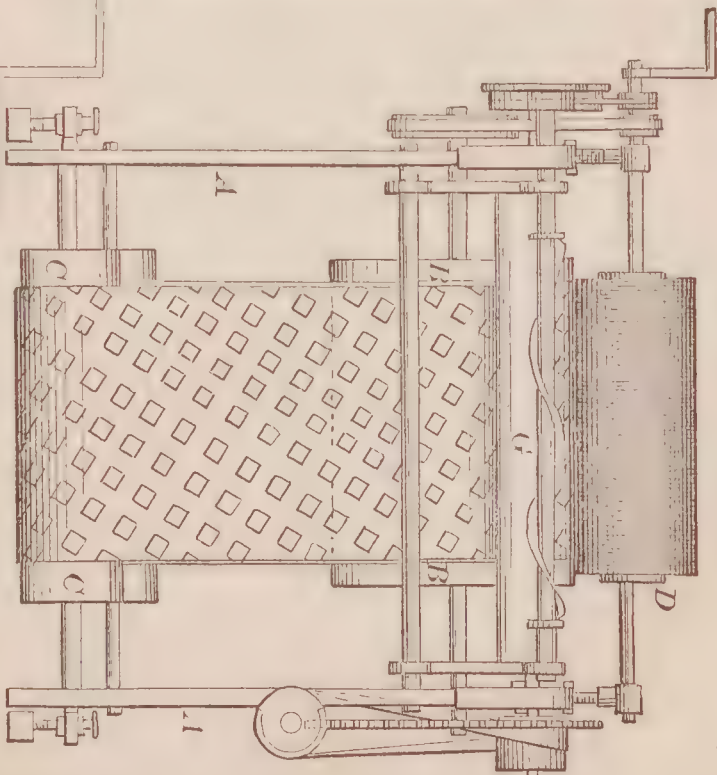
84480—H. J. Dickerson—*Working Steel and Iron.*



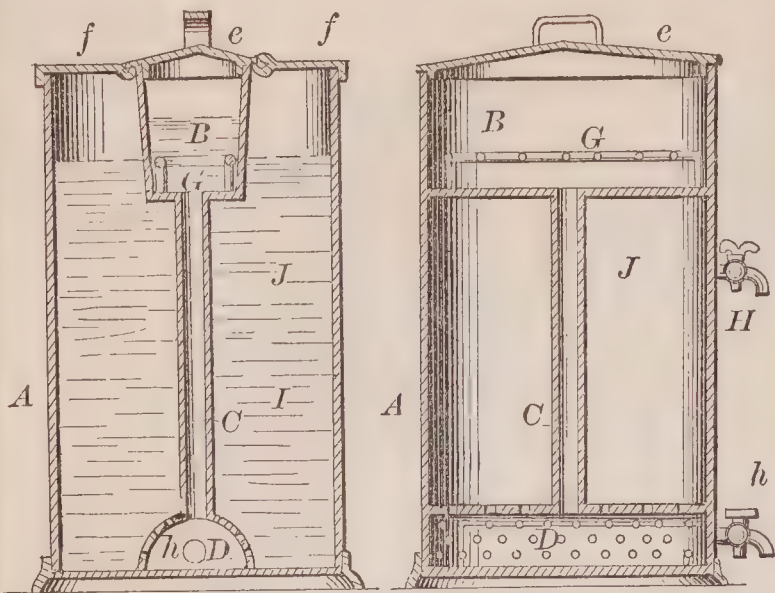
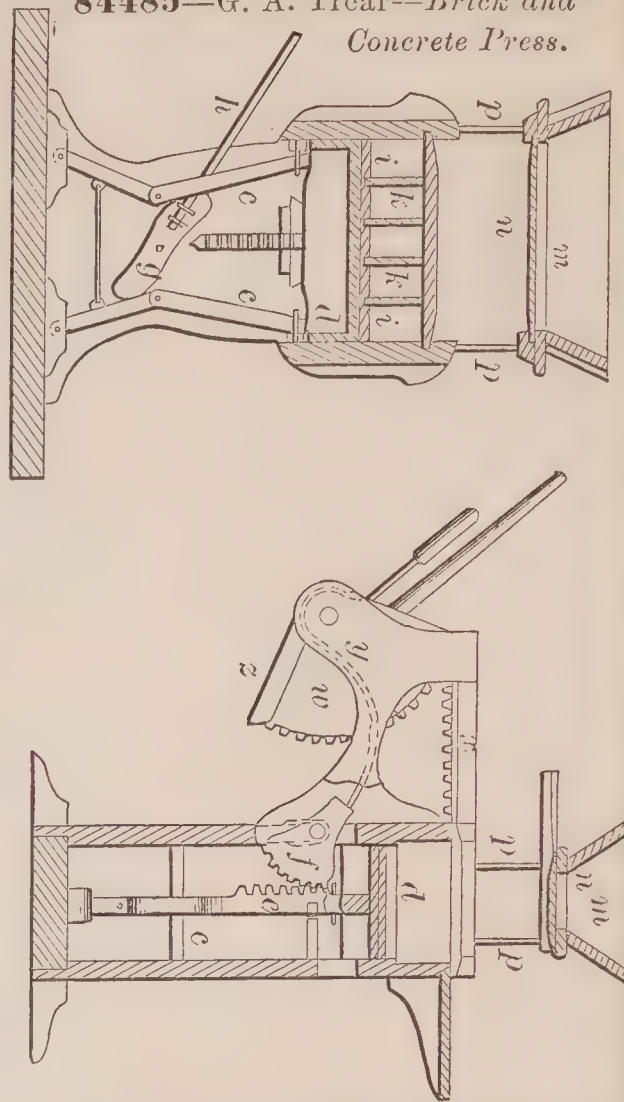
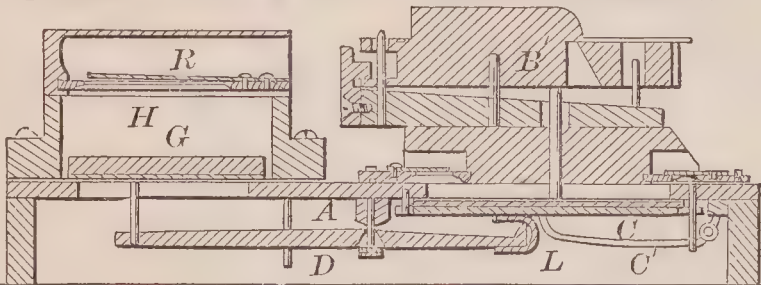
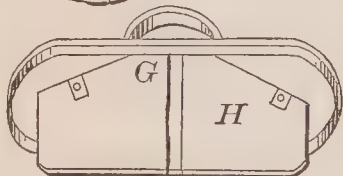
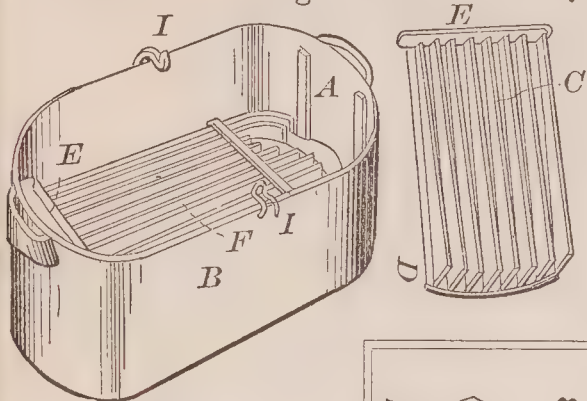
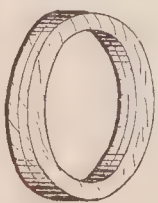
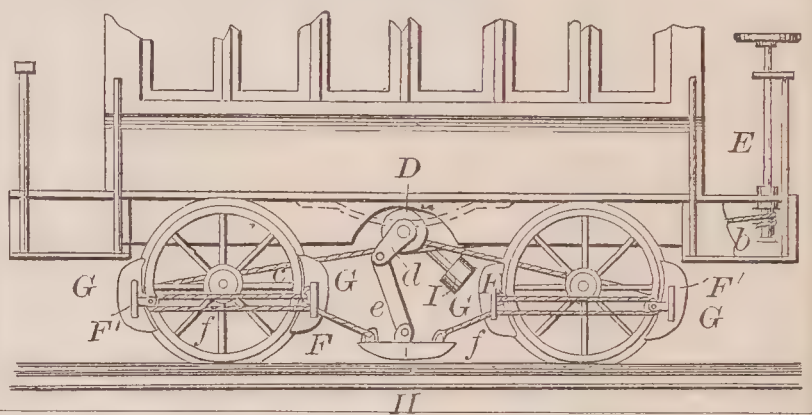
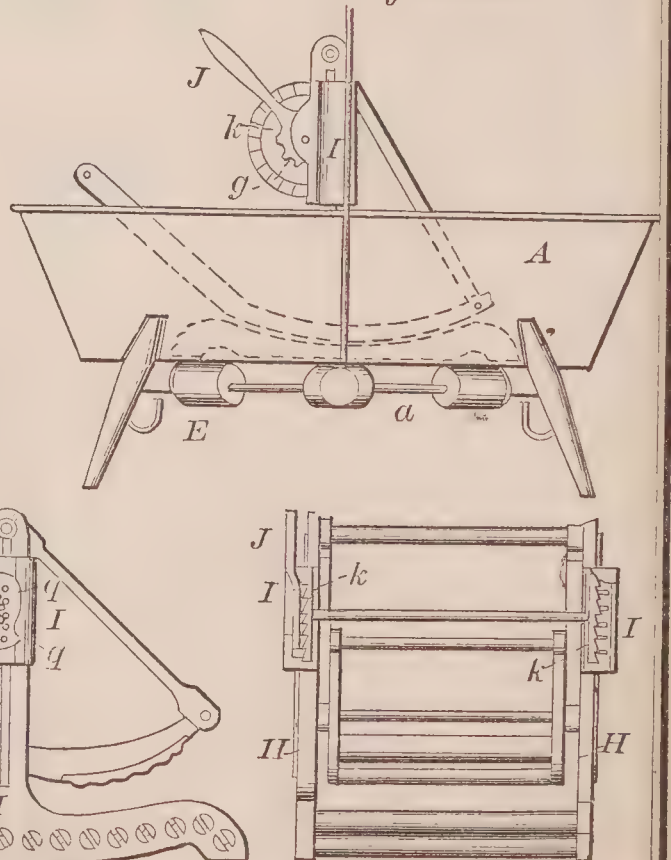
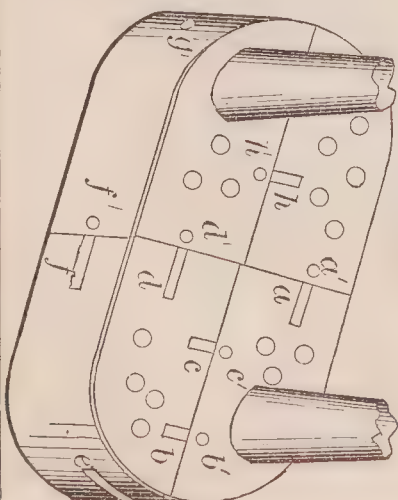
84484—M. B. Foote—*Door Lock.*



84483—J. Earnshaw—*For Finishing Cloth.*

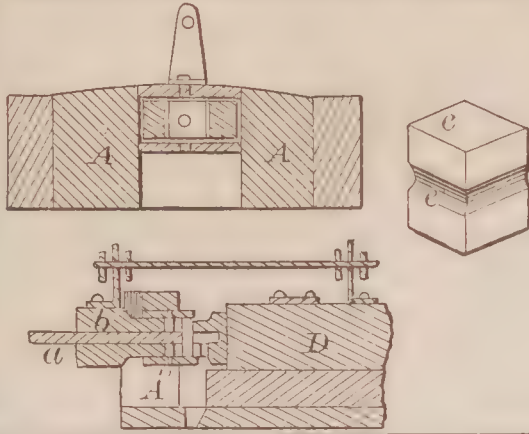




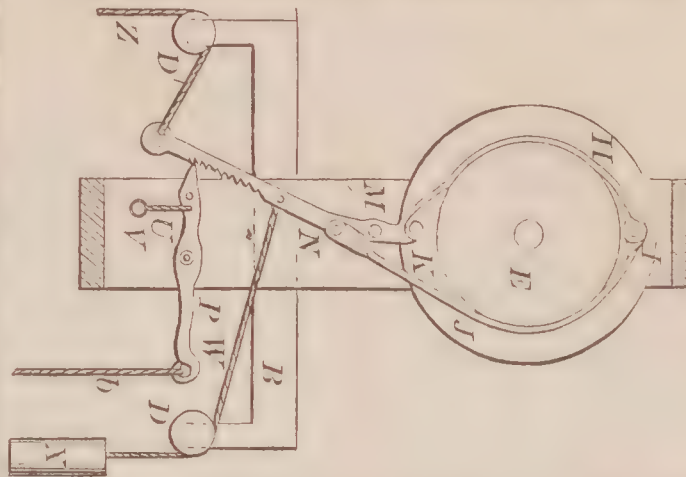
84482—N. Downes—*Filter and Cooler.*84485—G. A. Trear—*Brick and Concrete Press.*84486—Fuller & White—*Musical Instrument.*84487—L. Granger—*Wash Boiler.*84488—T. M. Hart—*Washer for Carriages.*84492—J. Ingraham—*Hoop Skirt Clasp.*84490—J. Hirst—*Car Brake.*84491—L. H. Hubbard—*Washing Machine.*84493—W. F. Jenkins—*Wash Boiler.*



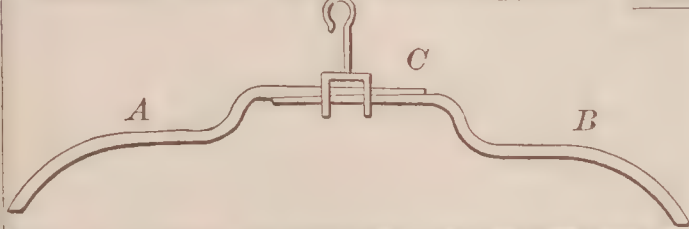
84494—E. Kaylor—For Making Nuts.



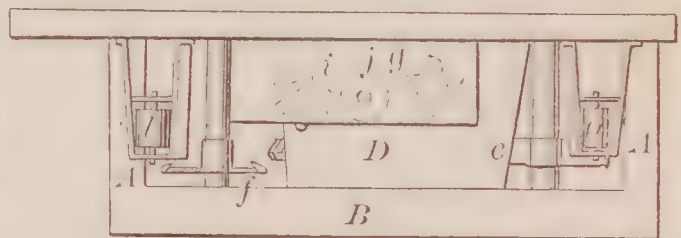
84496—J. Kennedy—Hoisting Machine.



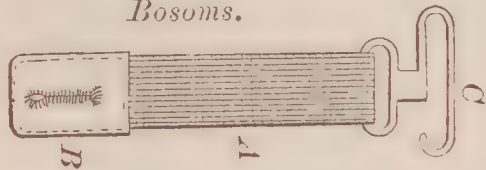
84495—R. C. Kelly—Coat Support.



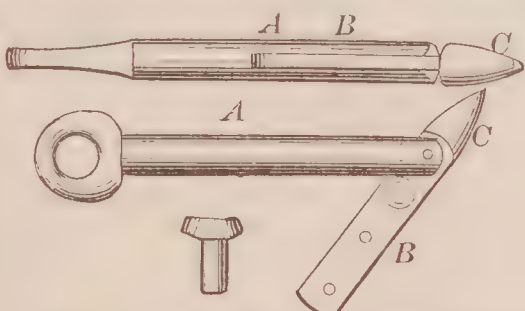
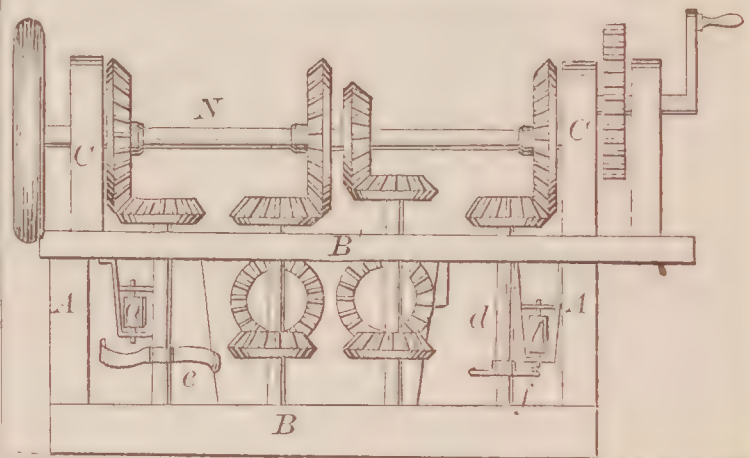
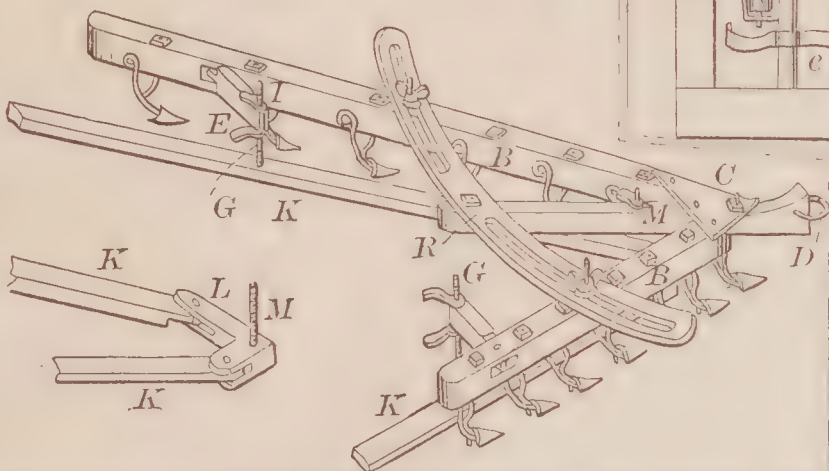
84500—J. Maley—For Crozing Barrels.



84498—J. R. Little—Stay for Shirt Bosoms.



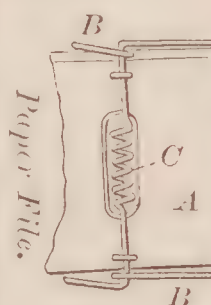
84499—C. Lohdell—Cultivator and Seeder.



84503—J. P. Moore—Seal Bolt for Railway Cars.

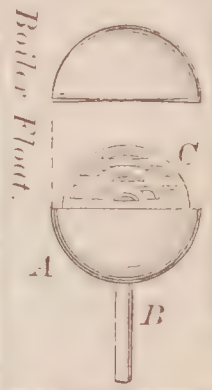


84501—G. Humphrys—Envelope.



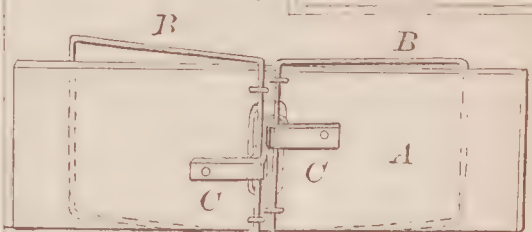
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84505—L. H. Olmstead—

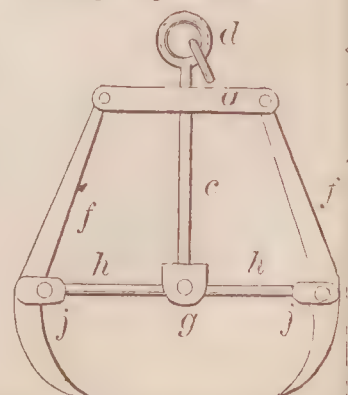


Boiler Float.

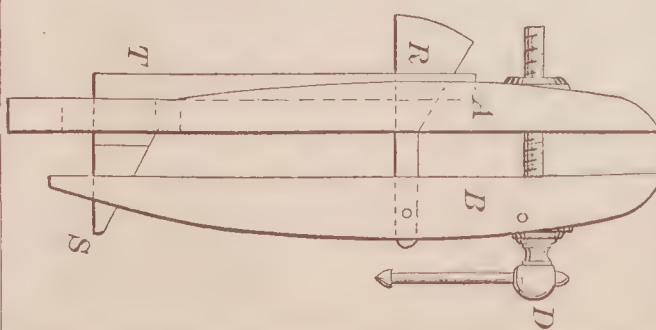
84502—H. MeGann—



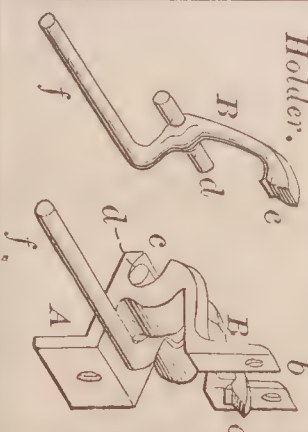
84510—E. J. Ricker—Grappling Hook.



84508—J. Pickering—Bench Vise.

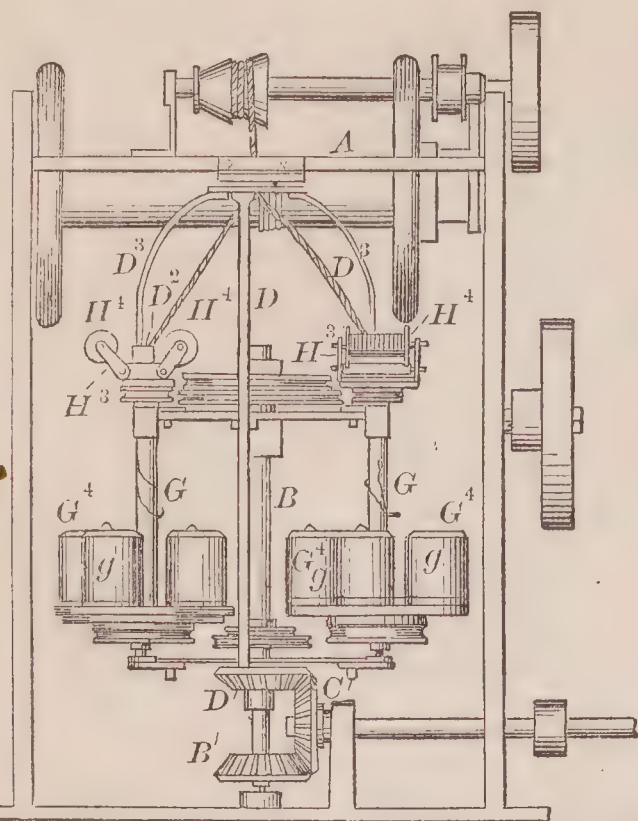


84504—J. Obreiter—Sash Holder.

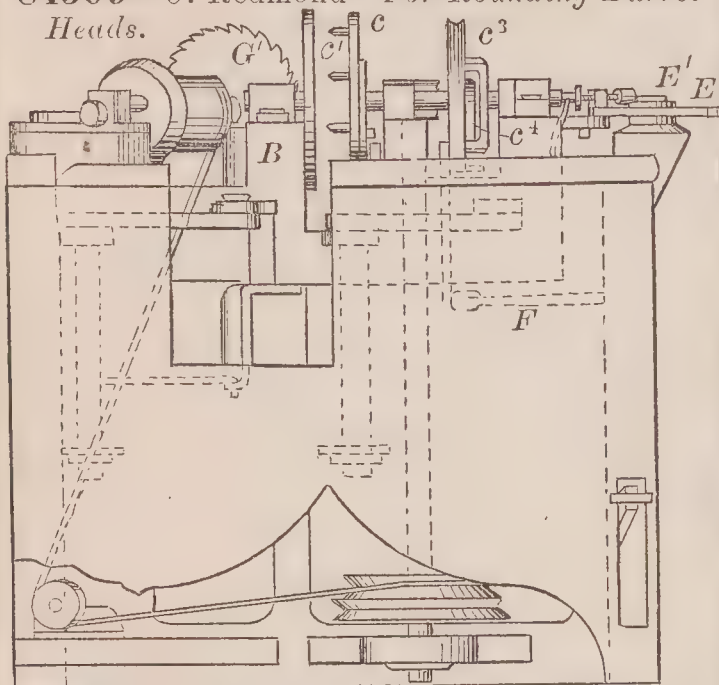




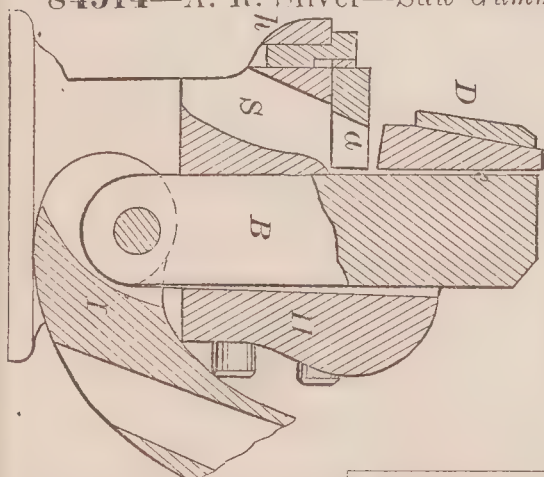
**84506**—W. H. Palmer—*Cord Covering Machine.*



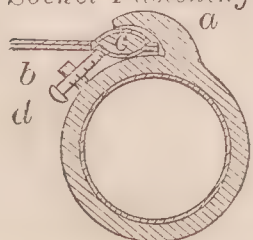
**84509**—O. Redmond—*For Rounding Barrel Heads.*



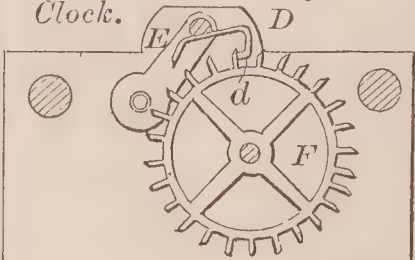
**84514**—A. R. Silver—*Saw Gummer.*



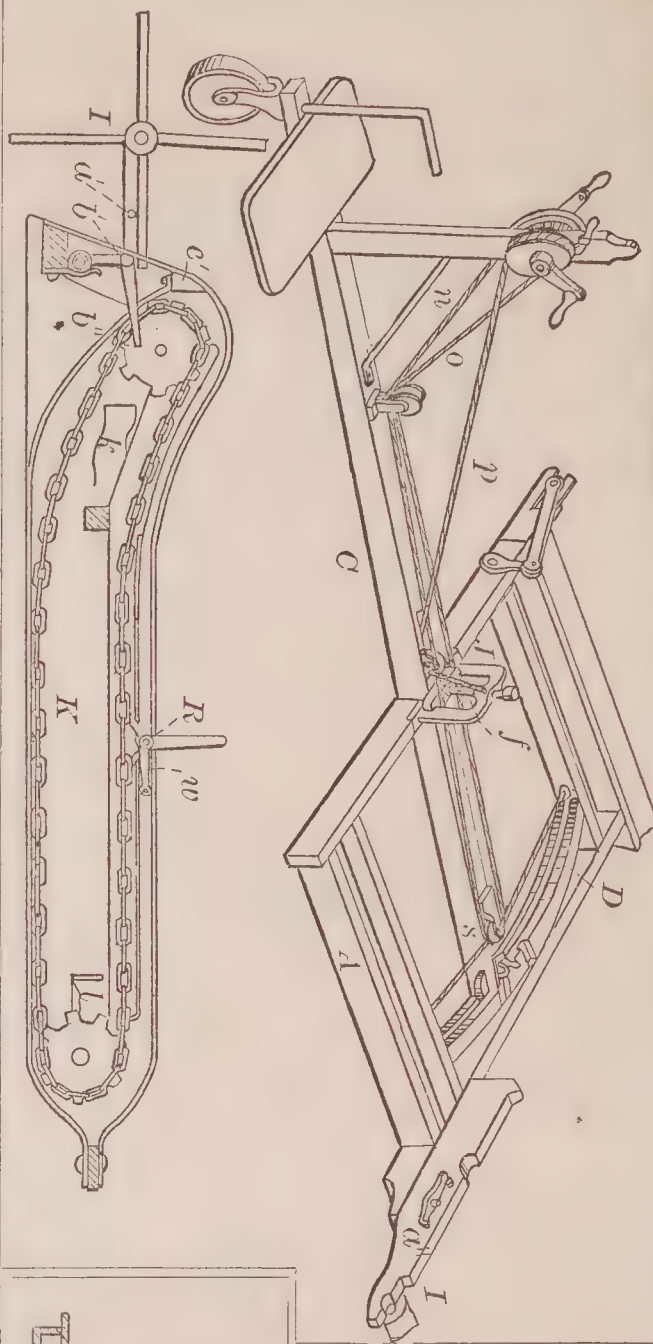
**84513**—  
B. N. Shelley—*Whip  
Socket Fastening.*



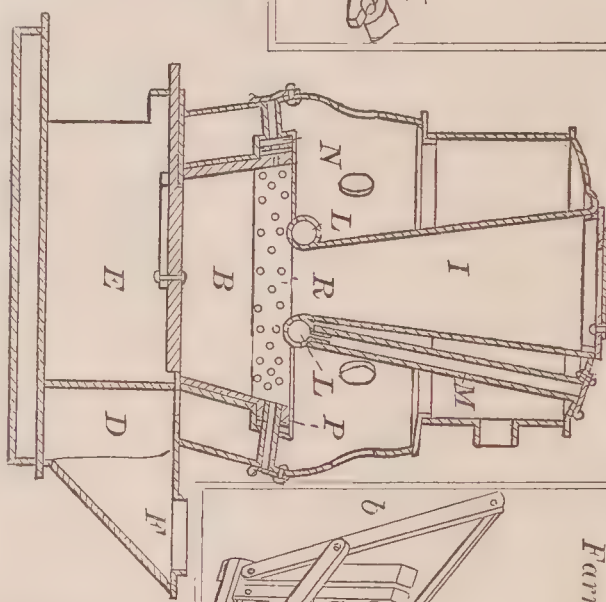
**84517**—S. B. Terry—*Clock.*



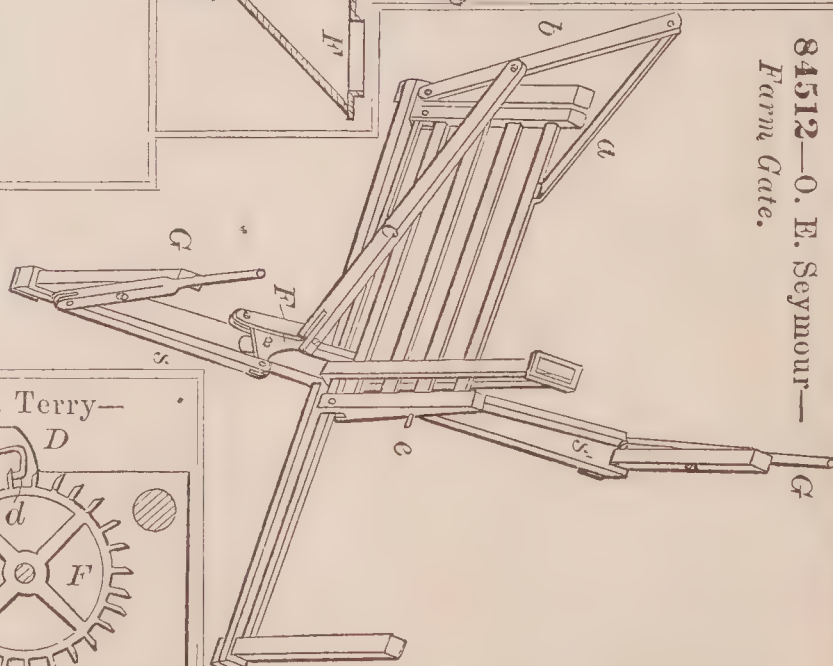
**84507**—L. F. Parker—*Harvester.*



**84511**—I. N. Ross—*Stove.*

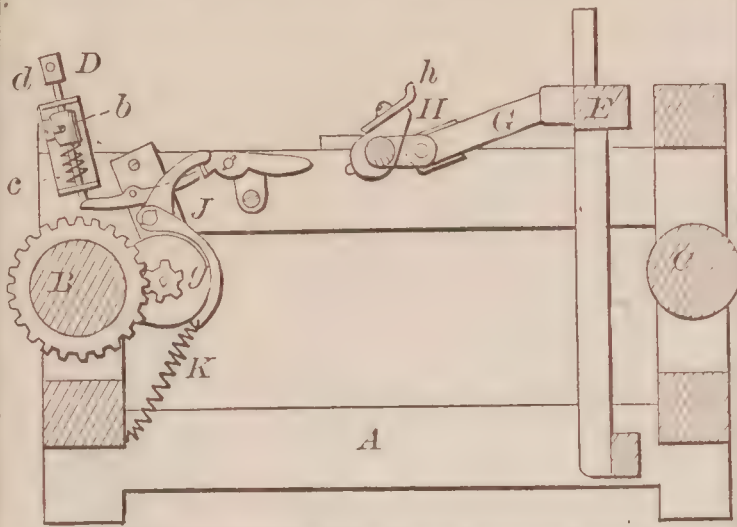


**84512**—O. E. Seymour—*Farm Gate.*

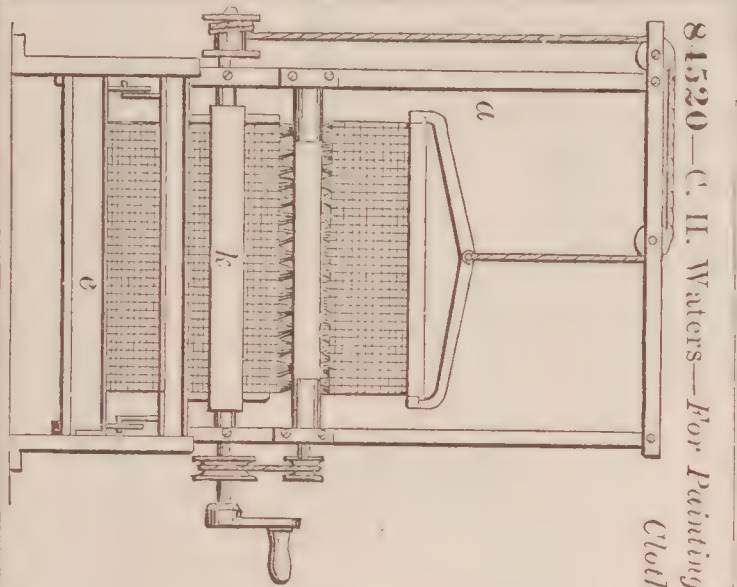
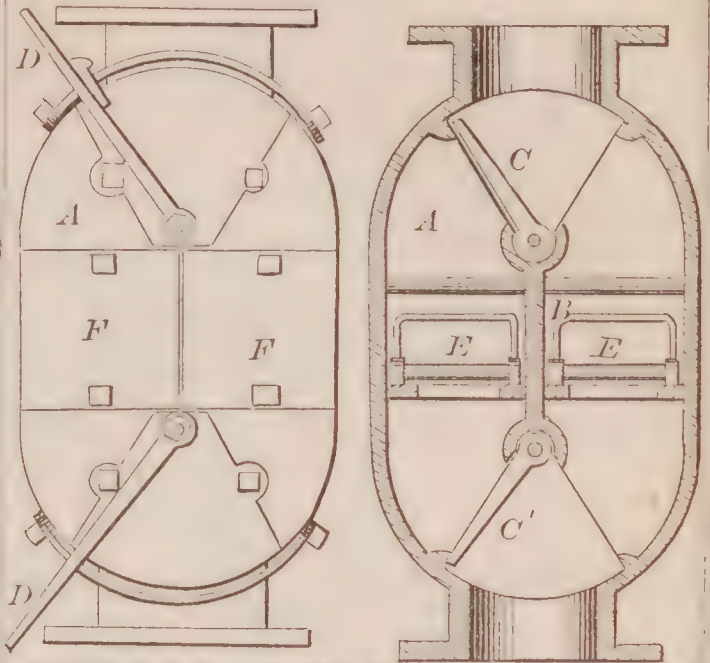




84515—T. S. Smith—*Loom.*

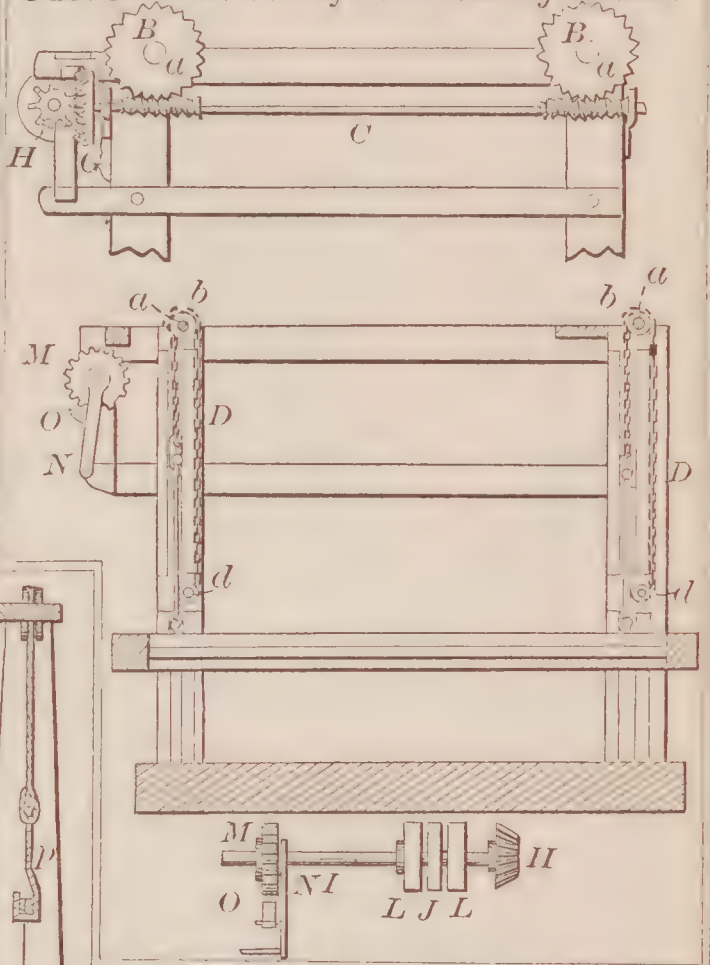


84516—M. C. Taylor—*Pump Valve Chamber.*

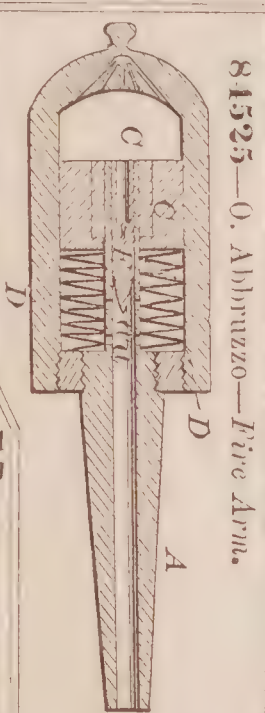
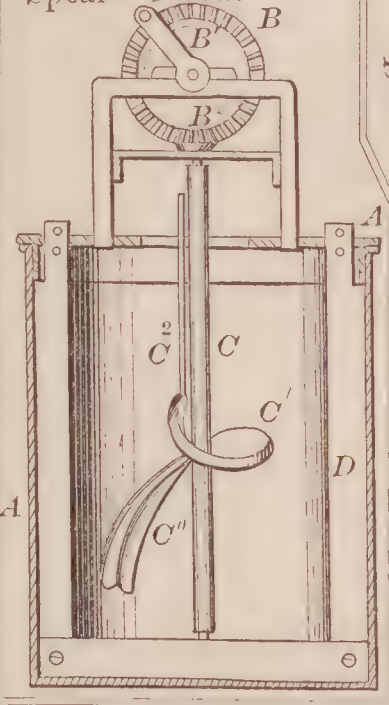


84520—C. H. Waters—*For Painting Wire Cloth.*

84518—P. J. Forney—*For Sawing Marble.*

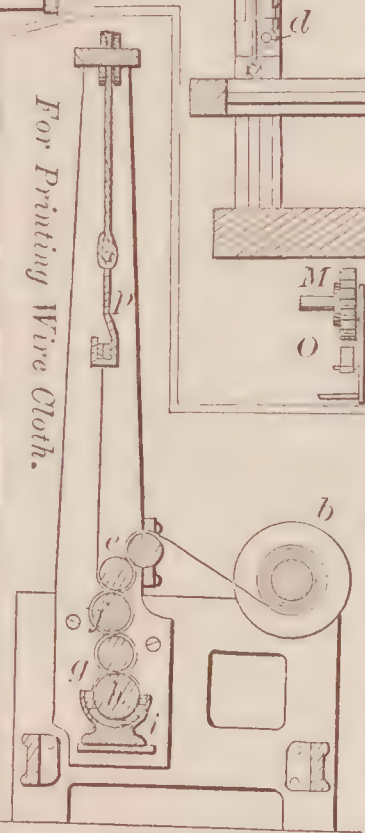


84524—Wood & Spear—*Churn.*



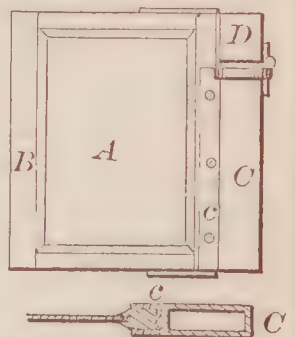
84525—O. Abbuzzo—*Five Arm.*

*For Printing Wire Cloth.*

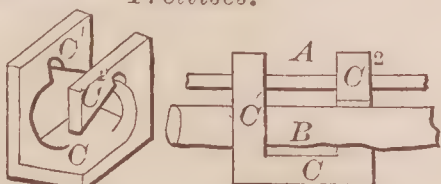


84521—C. H. Waters—

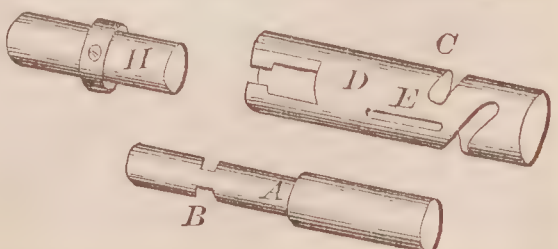
84522—C. J. Wirth—*Slate Frame.*



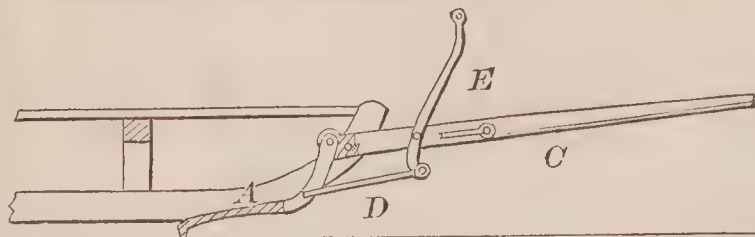
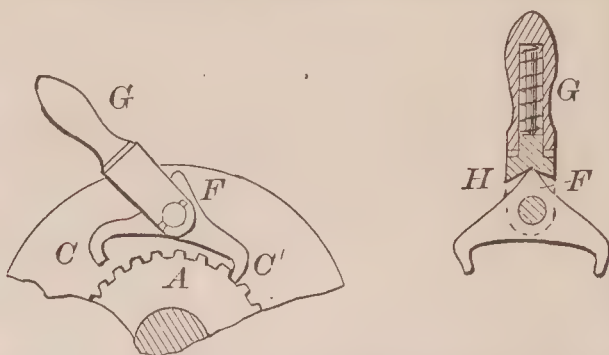
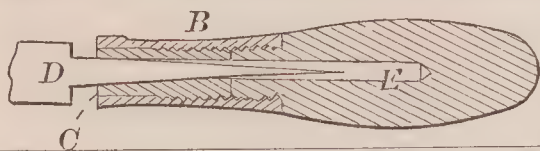
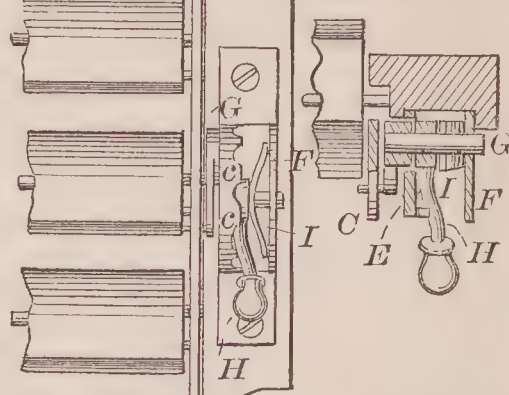
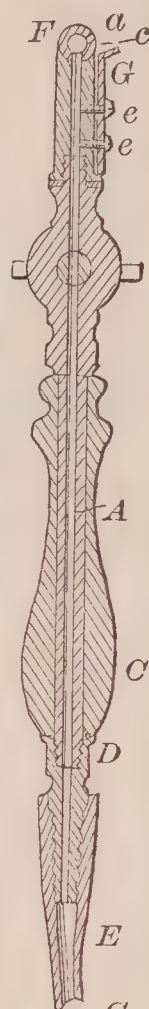
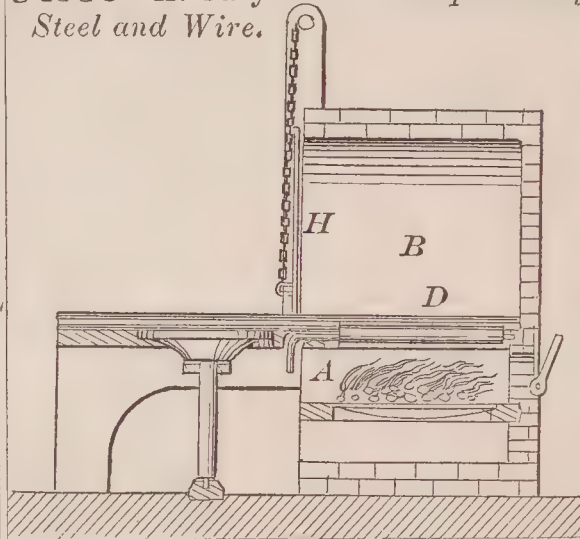
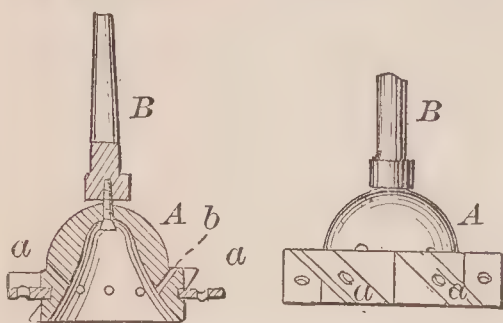
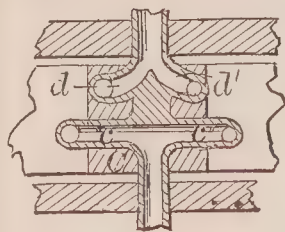
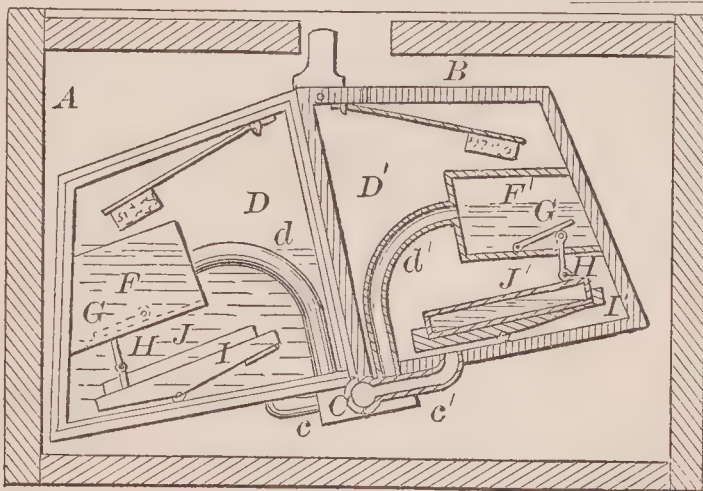
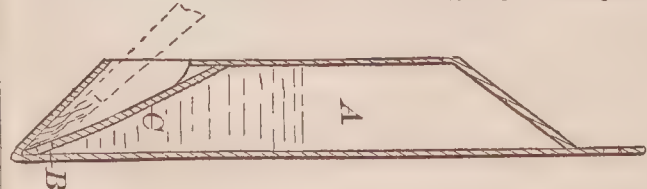
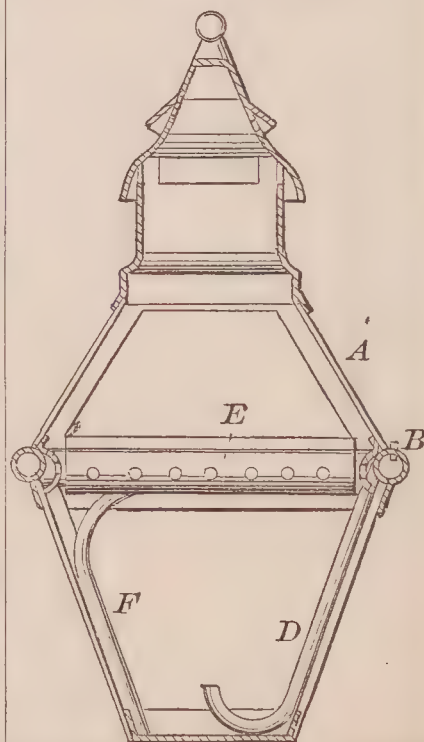
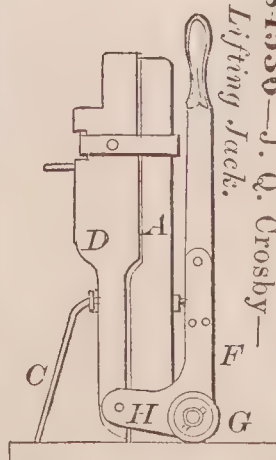
84519—E. F. Underhill—*For Attaching Vines to Trellises.*



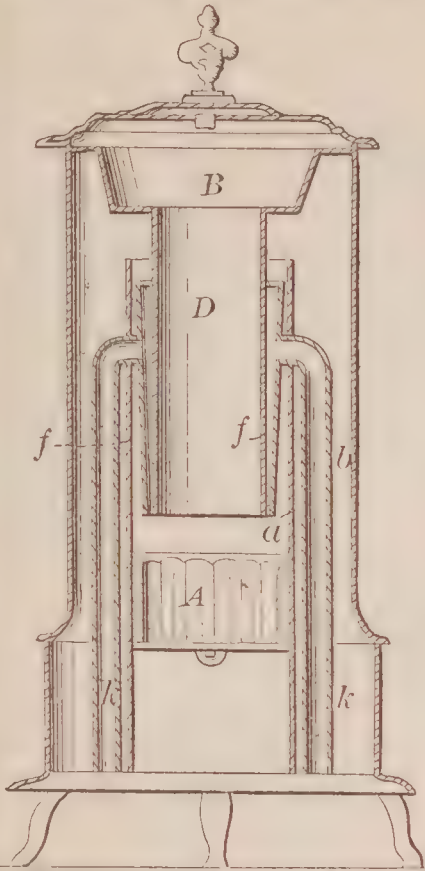
84523—F. A. Wood—*Bit Brace.*



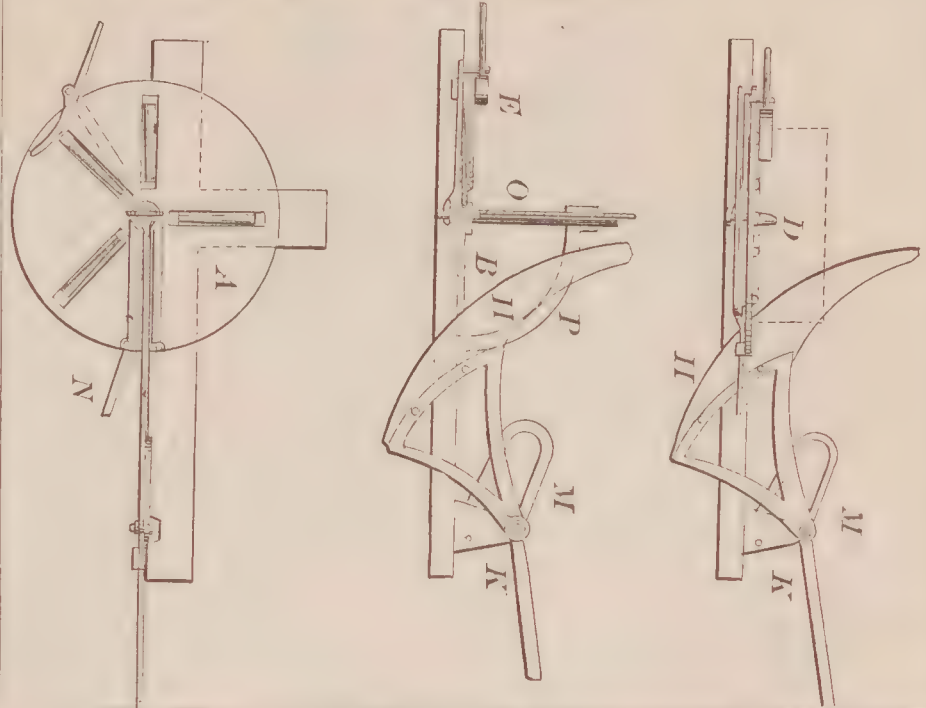


84526—J. M. Ackerson—*Sled Brake.*84527—A. B. Bean—*Ratchet Feed.*84529—B. Boardman—*File Handle.*84530—J. Boyd—*Window Blind Slat Holder.*84528—Beaumont & Clarke—*For Grooming Horses.*84534—A. Cary—*For Desulphurizing Steel and Wire.*84532—A. P. Bryson—*Churn.*84533—I. Carey—*Water Meter.*84538—H. T. Davis—*Damping Trough.*84535—Case & Evans—*Street Lamp.*84536—J. Q. Crosby—*Lifting Jack.*

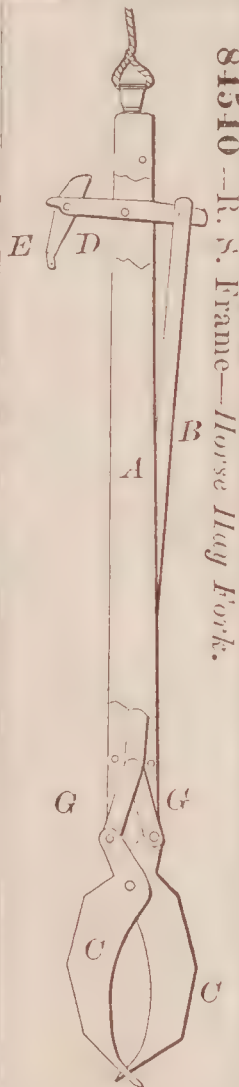
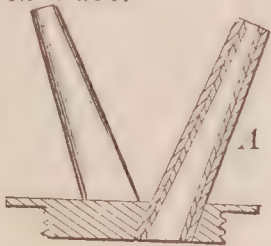
84537—S. Culver—Stove.



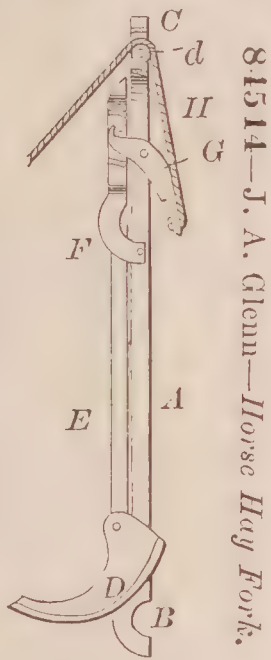
84539—J. G. Dreher—Cheese Cutter.



84542—Fuller & Severance—Lamp Wick Tube.

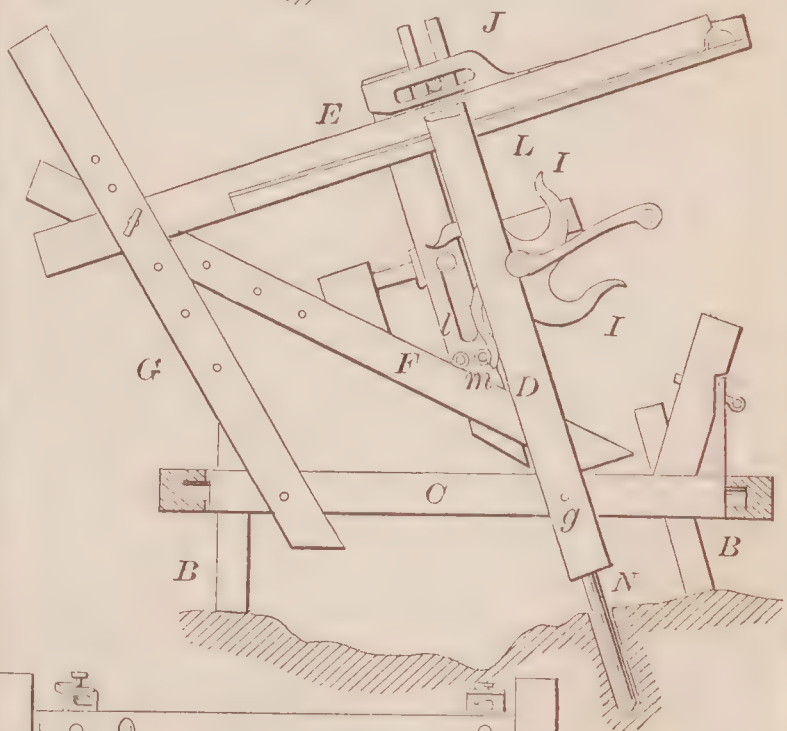
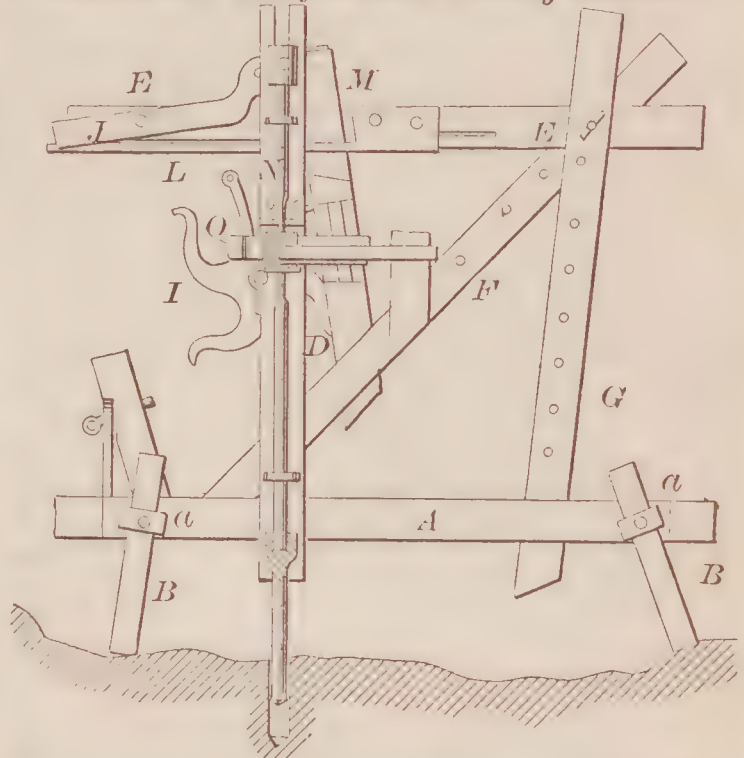


84510—R. S. Frame—Horse Hay Fork.

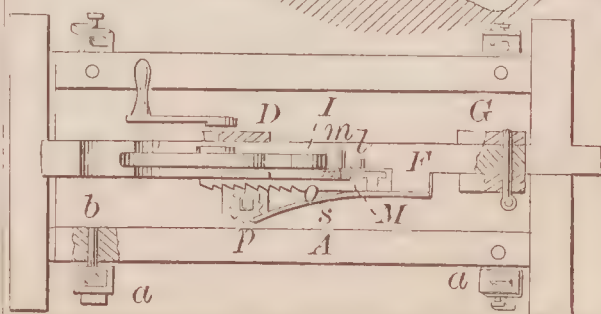
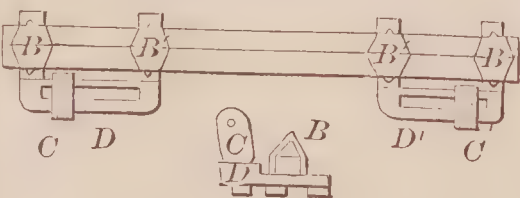


84514—J. A. Glenn—Horse Hay Fork.

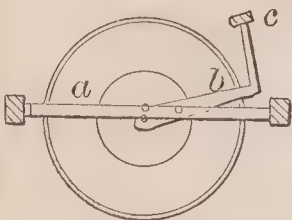
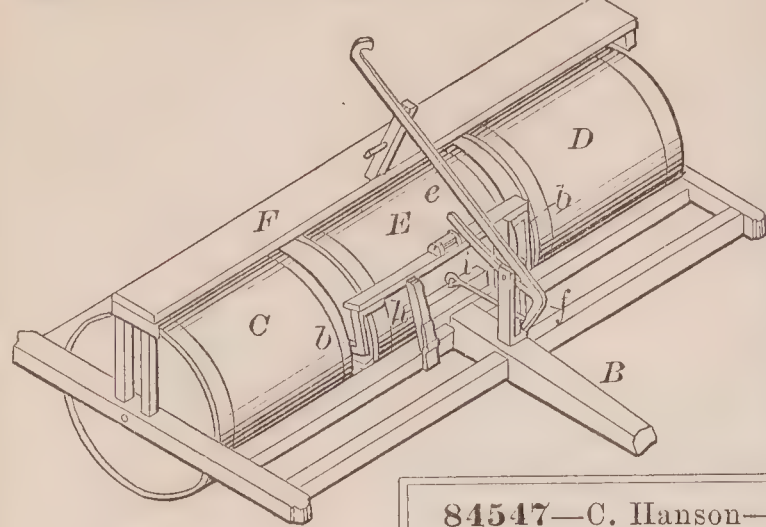
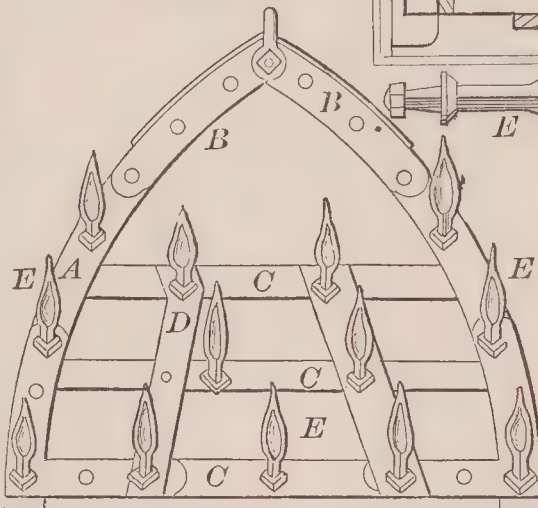
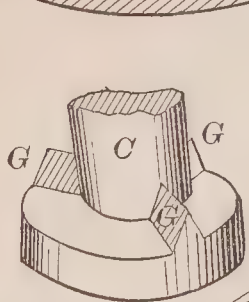
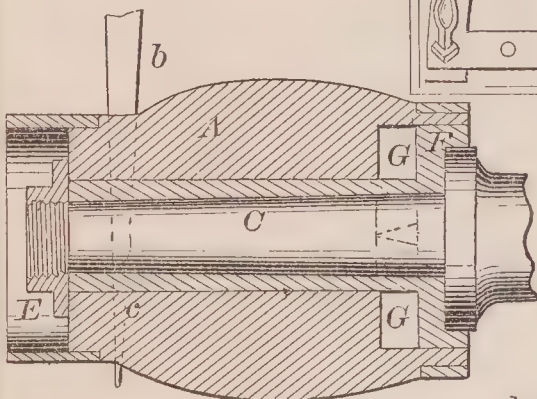
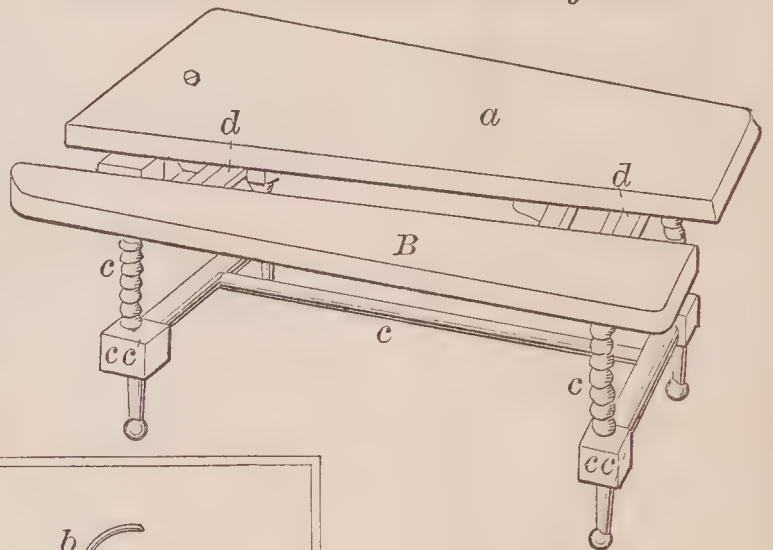
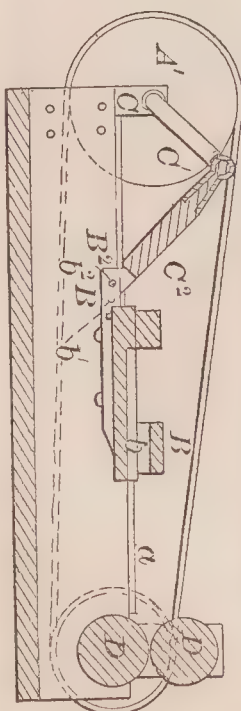
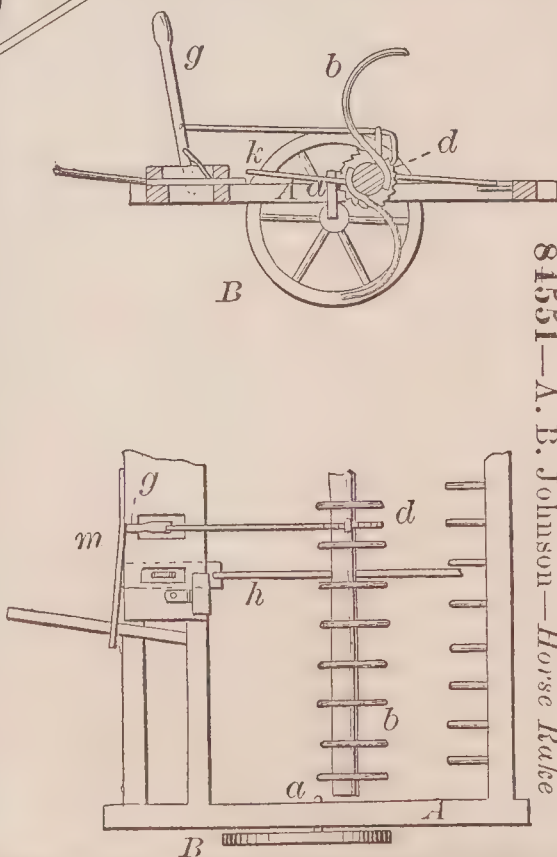
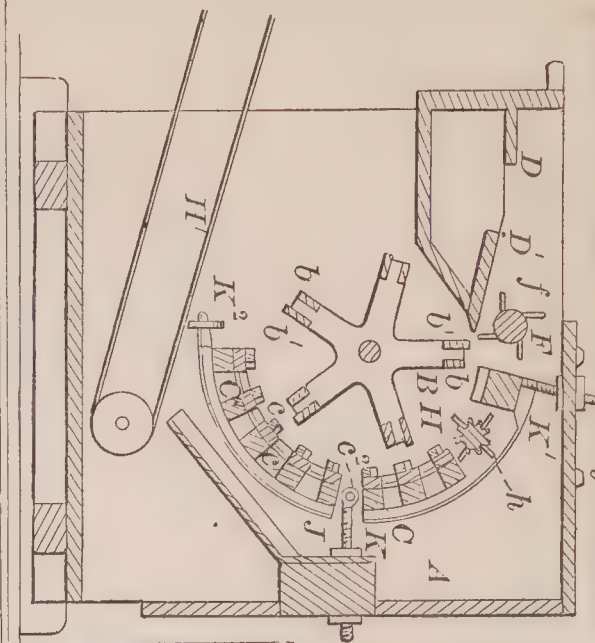
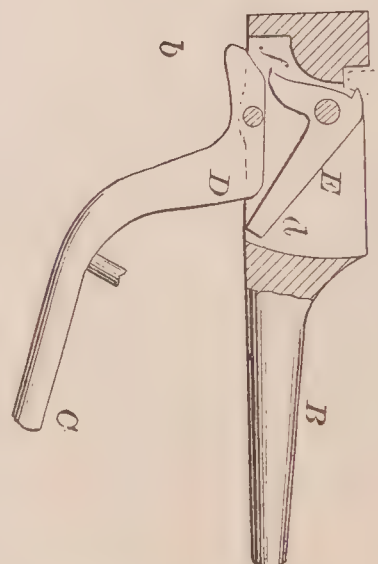
84543—R. Gidly—Rock Drilling Machine.



84545—A. W. Ham—Shifting Jack for Carriage Thills.

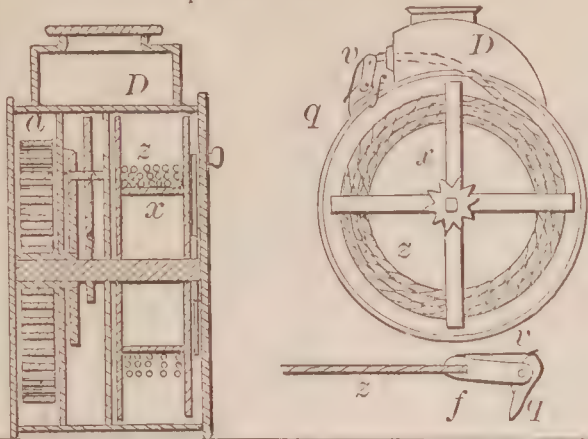




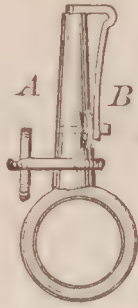
84541—Fuller & Swain—*Land Roller*.84547—C. Hanson—*Harrow*.84548—  
C. H. Holdredge—*Box  
for Carriage Wheels*.84549—O. C. Hotchkiss—*Ironing Table*.84552—A. C. Kaiser—*Knife Cleaner*.84551—A. B. Johnson—*Horse Rake*.84546—E. Hanna—*Threshing Machine*.84553—H. Kime—*Cable Sharpener*.



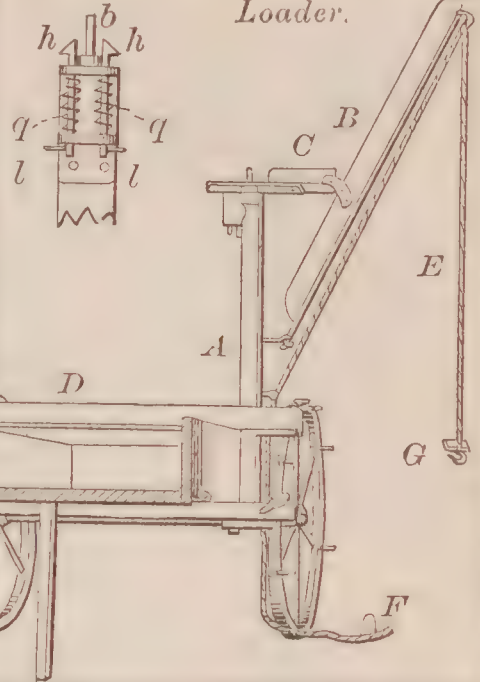
84554—M. V. B. Knowles—*Chalk Line Reel.*



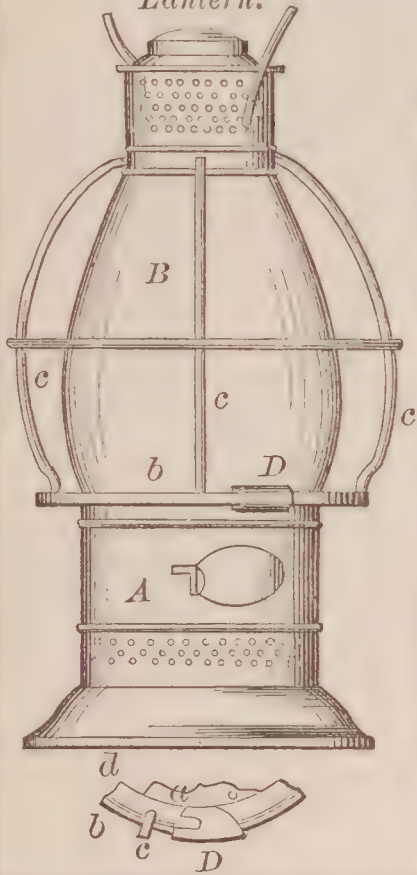
84558—W. Linden—*Watch Key.*



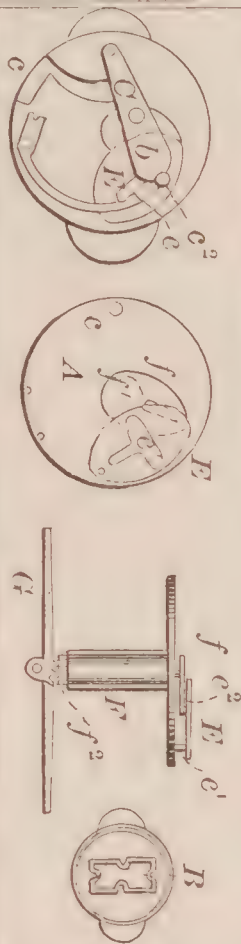
84560—A. W. Lozier—*Hay Loader.*



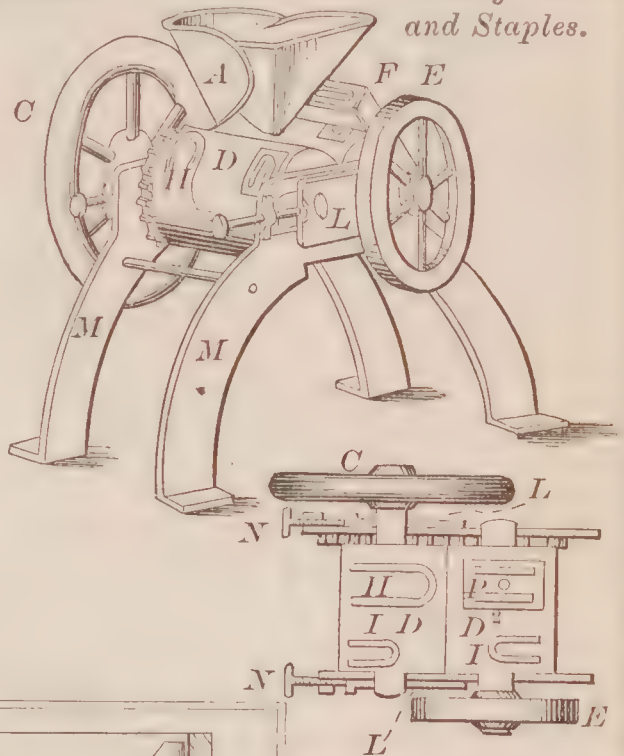
84556—T. Langston—*Lantern.*



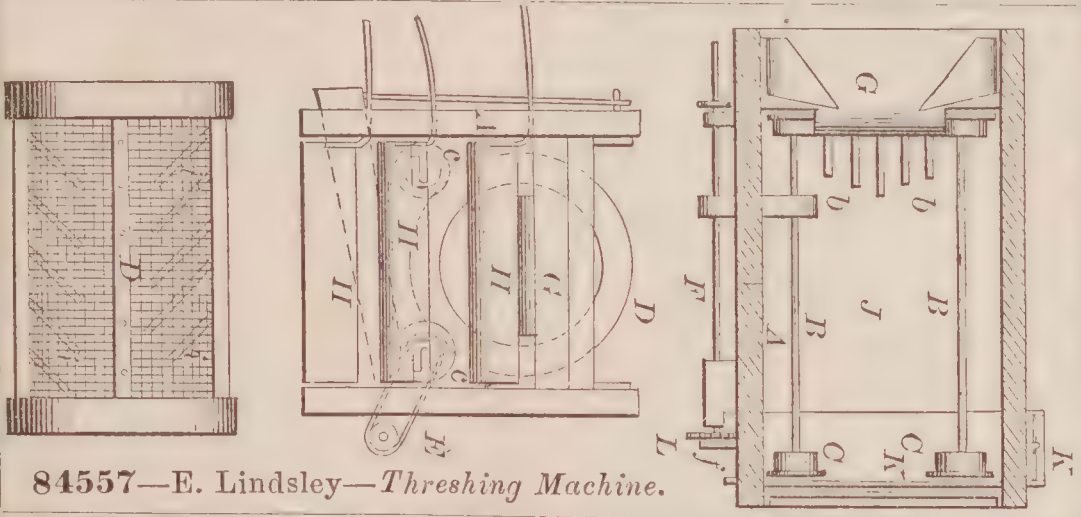
84555—J. Koberle—*Button.*



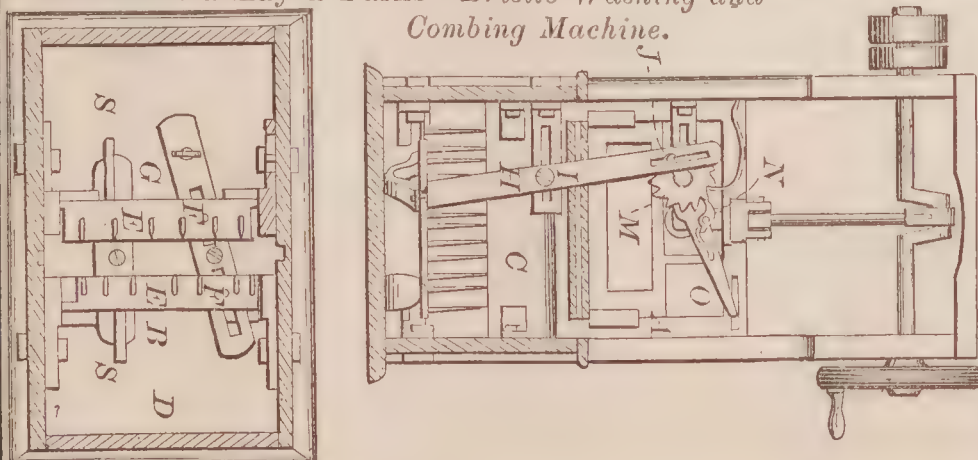
84562—W. Malick—*For Pointing Hooks and Staples.*



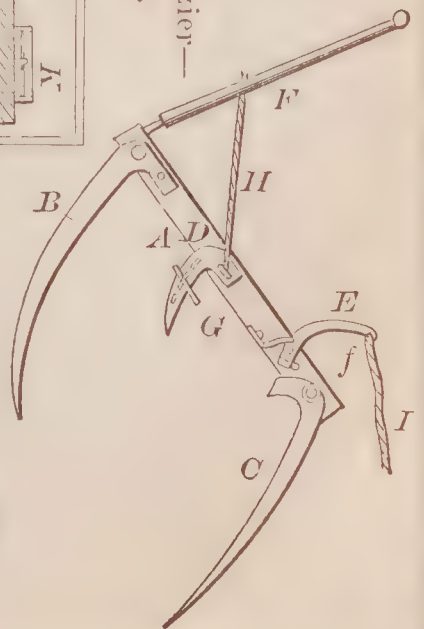
84557—E. Lindsley—*Threshing Machine.*



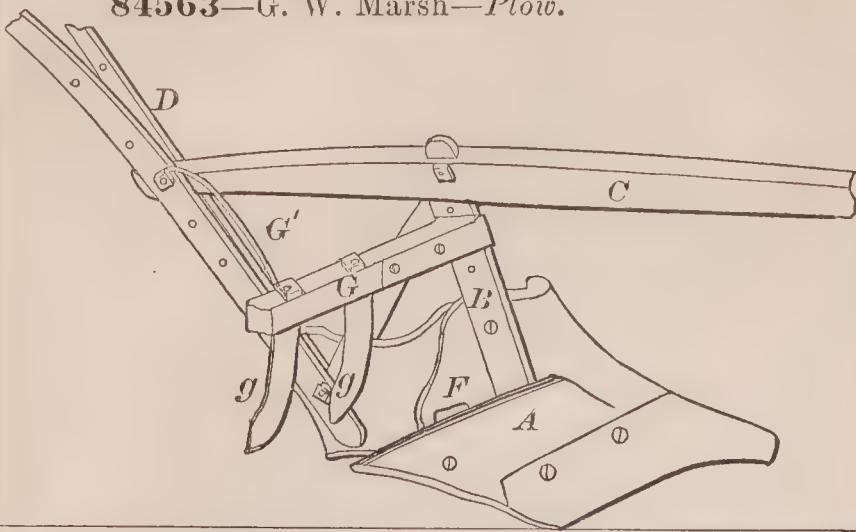
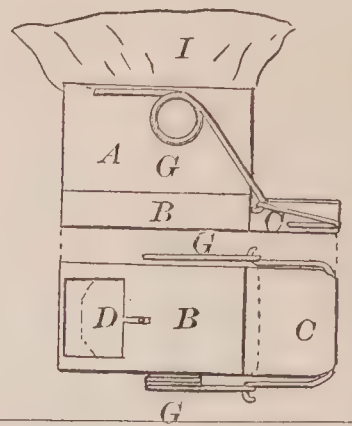
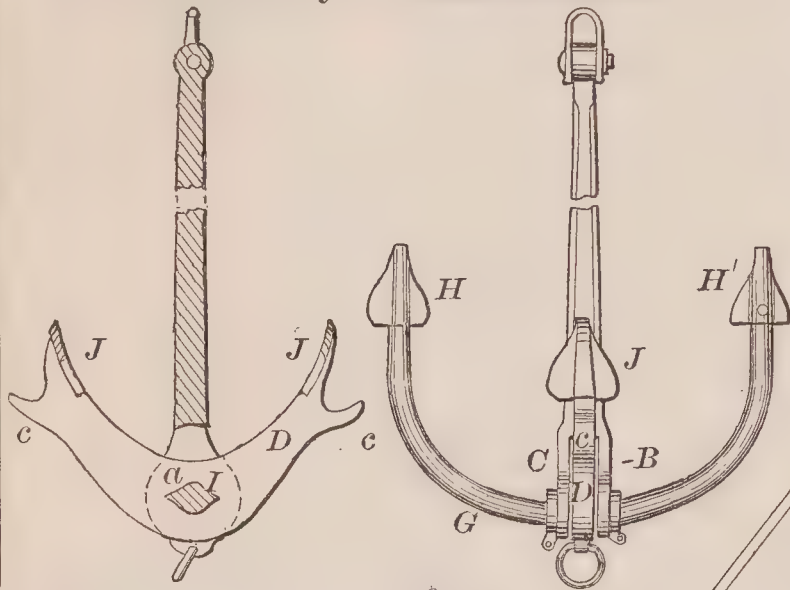
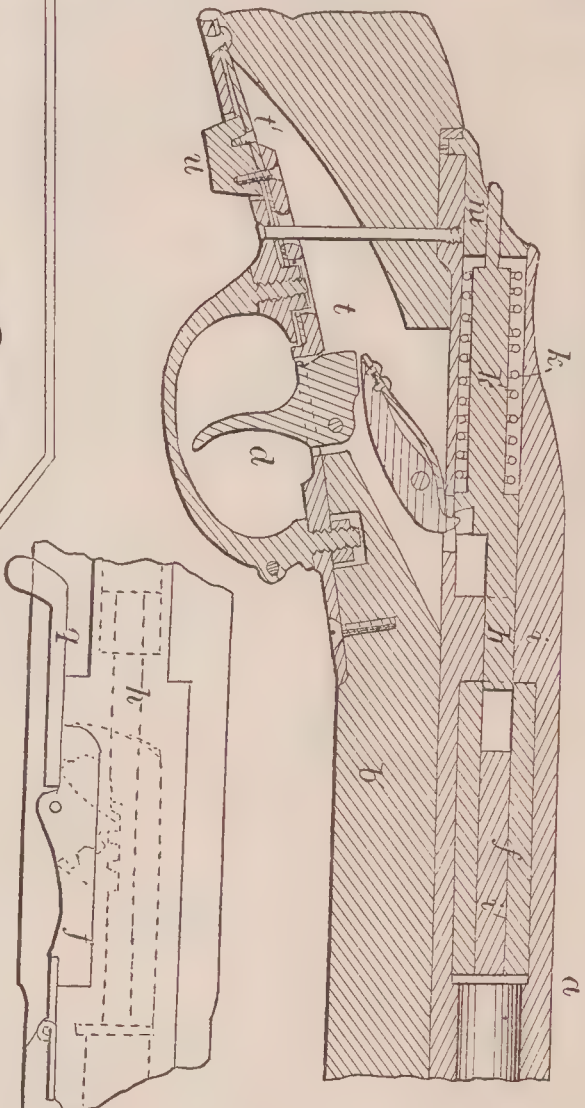
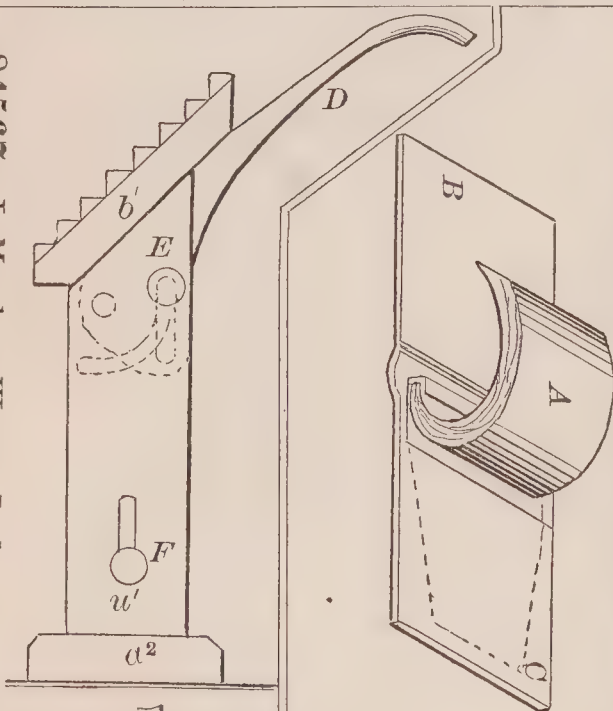
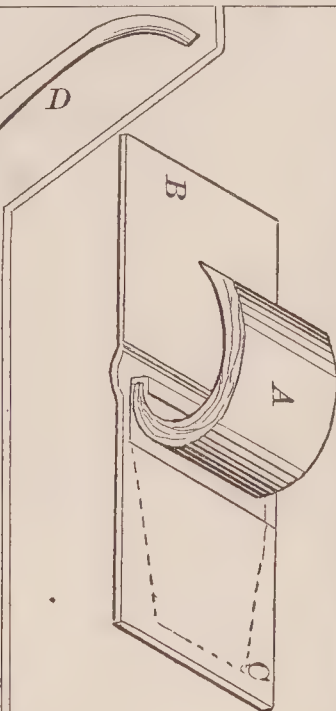
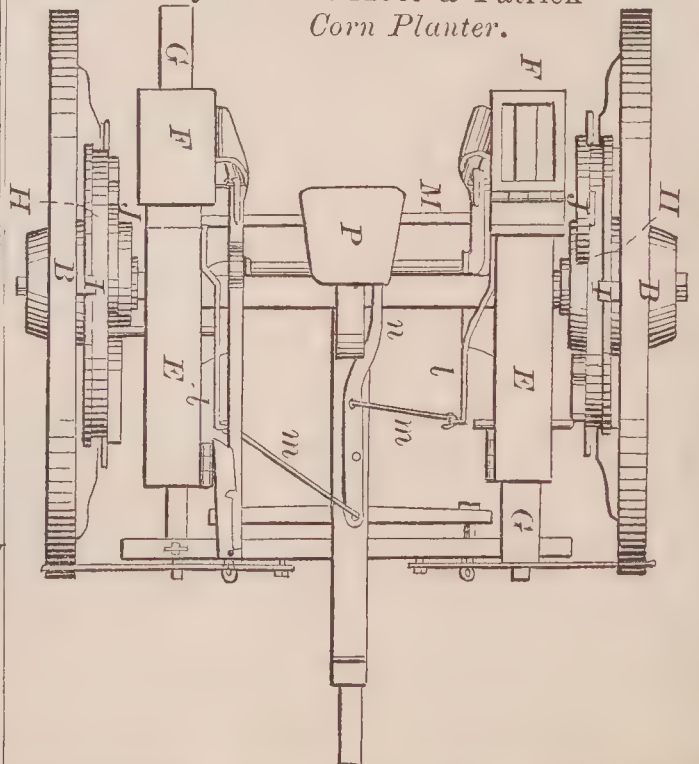
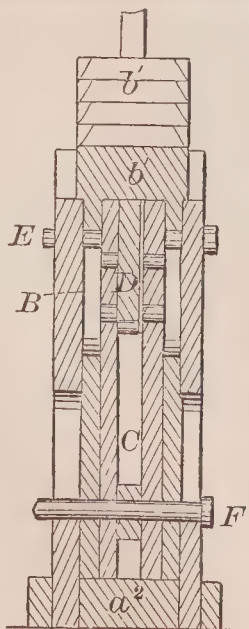
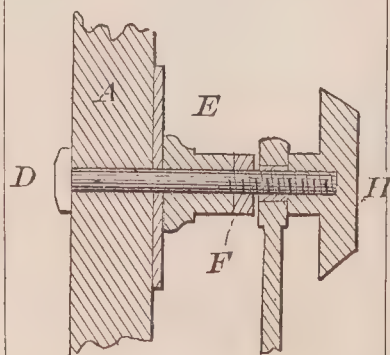
84561—Lannay & Parks—*Bristle Washing and Combing Machine.*



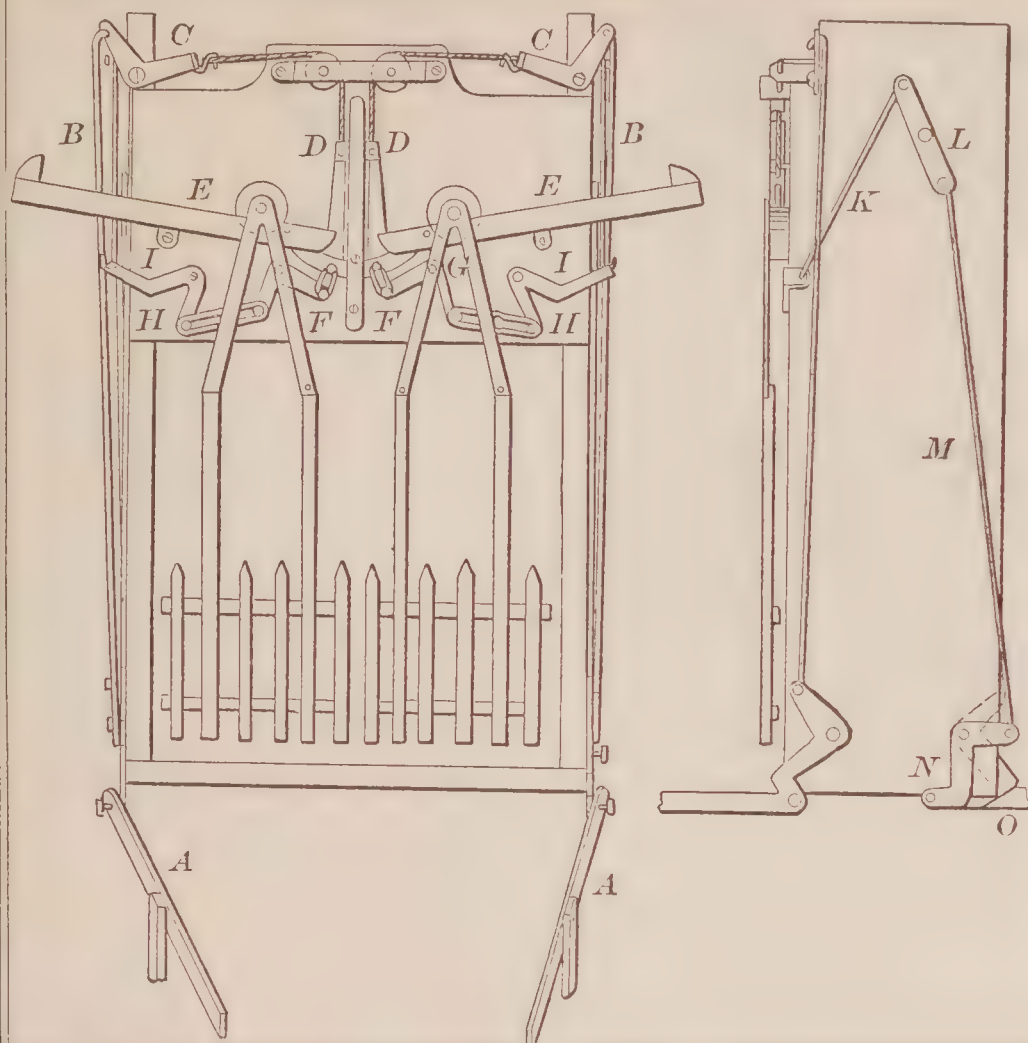
84559—A. W. Lozier—*Horse Hay Fork.*



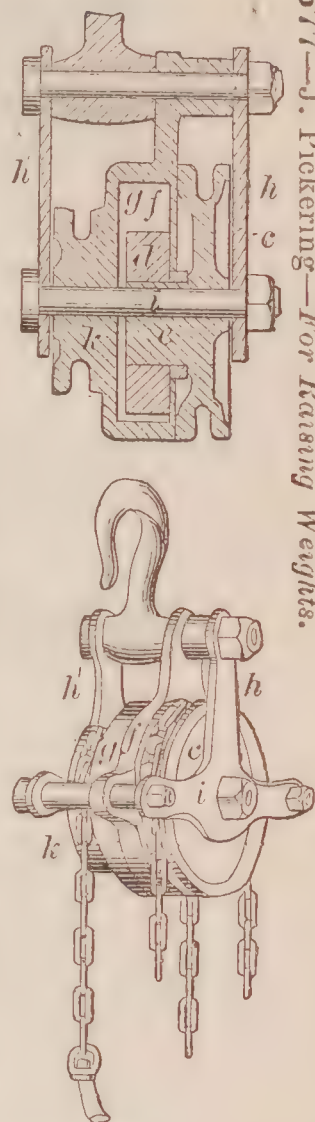


84563—G. W. Marsh—*Plow.*84571—J. Nevison—*Corn Dropper.*84565—McCarthy & Johnston—*Anchor.*84566—I. M. Milbank—*Fire Arm.*84567—J. Moody—*Wagon Jack.*84564—L. G. Matthews—*Book Binding.*84568—Q. R. & P. Moor & Patrick—*Corn Planter.*84573—W. B. Pardec—*Carriage Top Prop.*

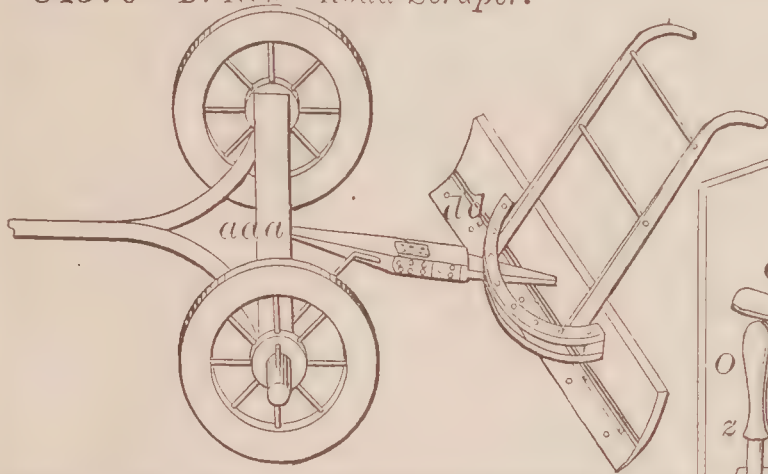
84569—T. J. Murphy—Automatic Gate.



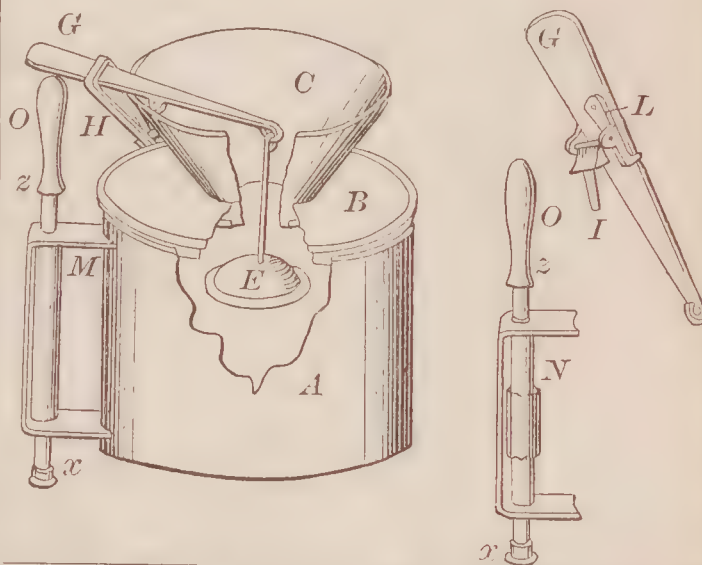
84577—J. Pickering—For Raising Weights.



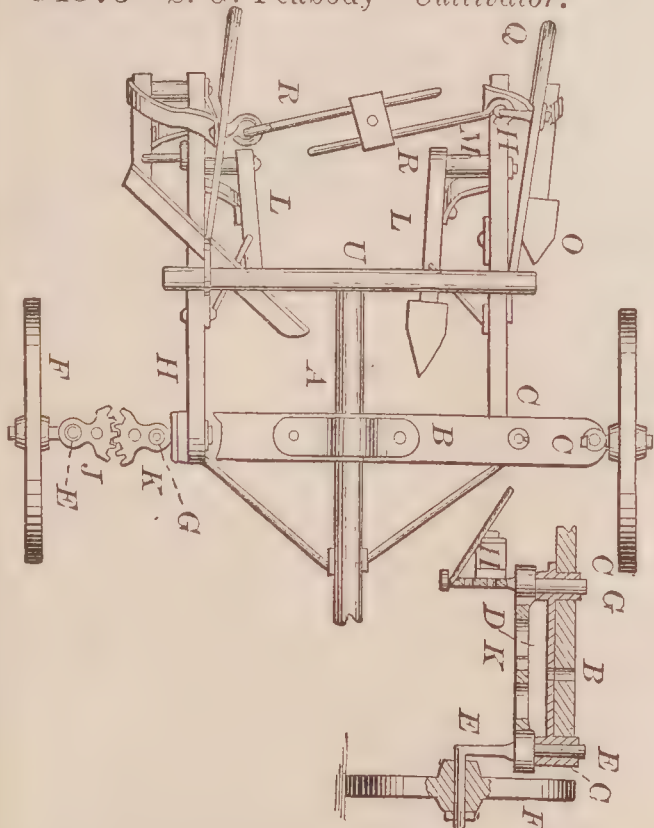
84570—D. Neff—Road Scraper.



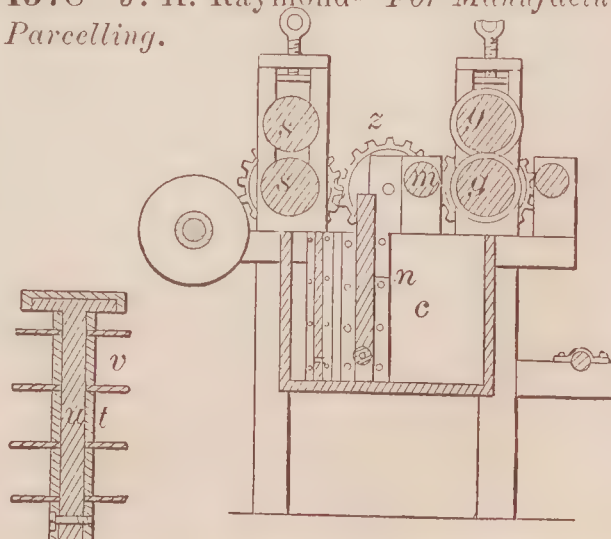
84572—S. Oppenheimer—Milk Pail.



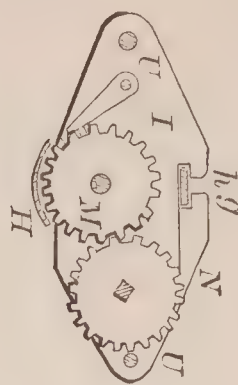
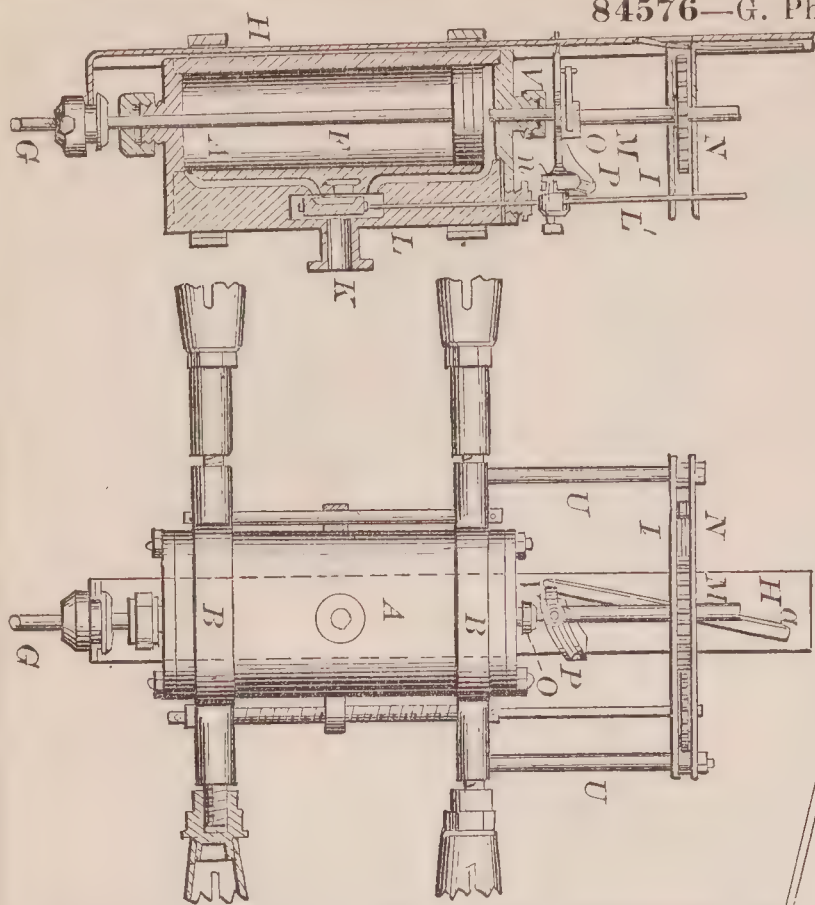
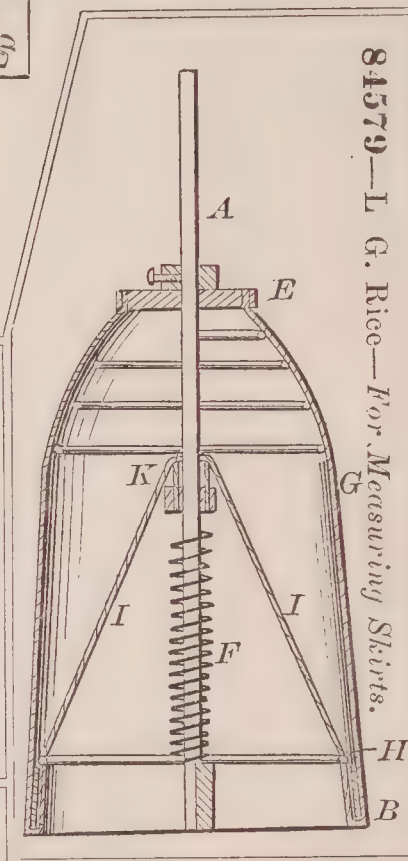
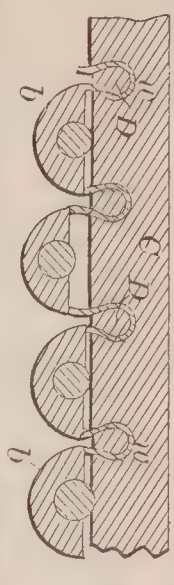
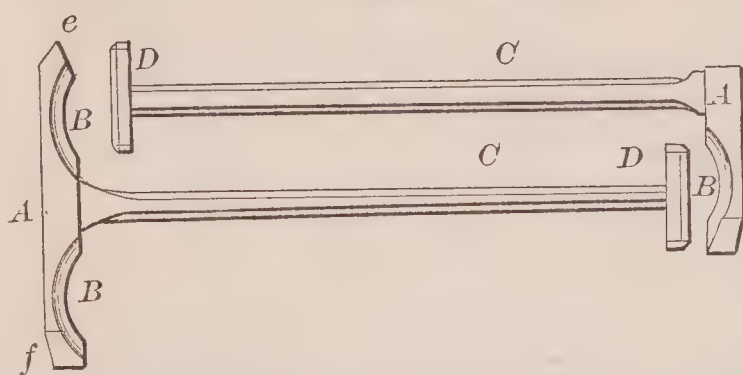
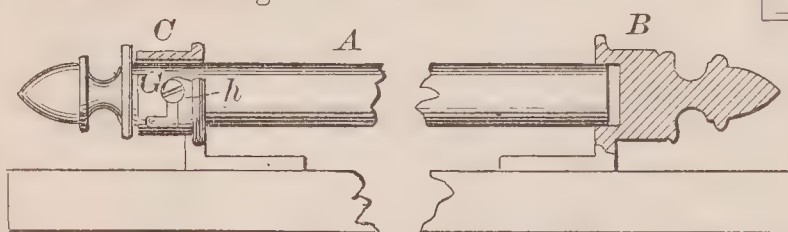
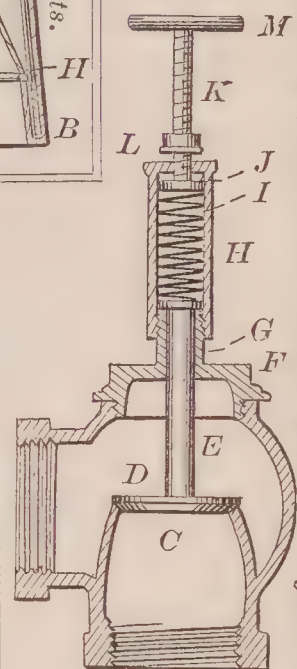
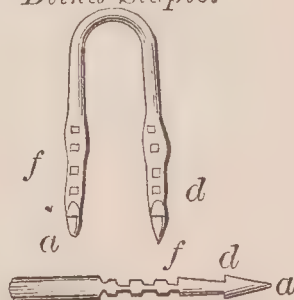
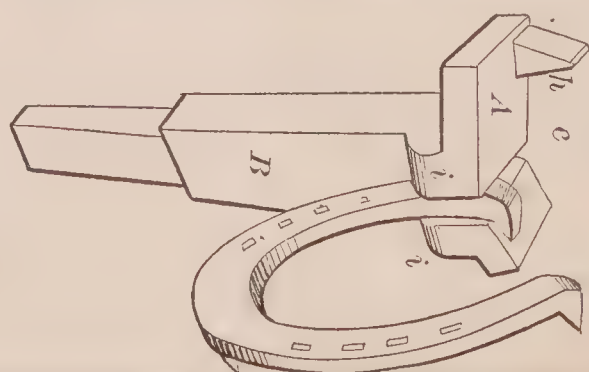
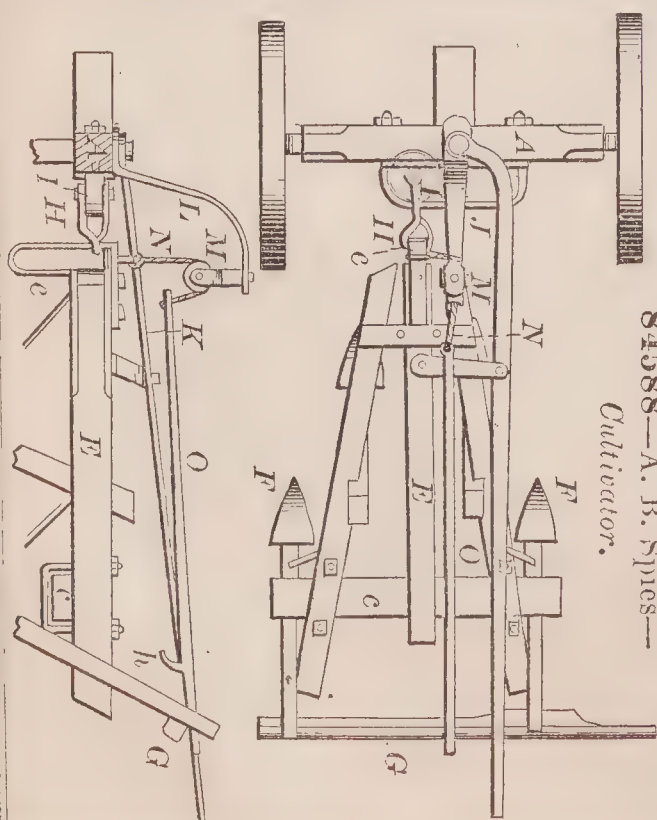
84575—S. G. Peabody—Cultivator.



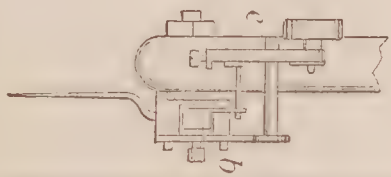
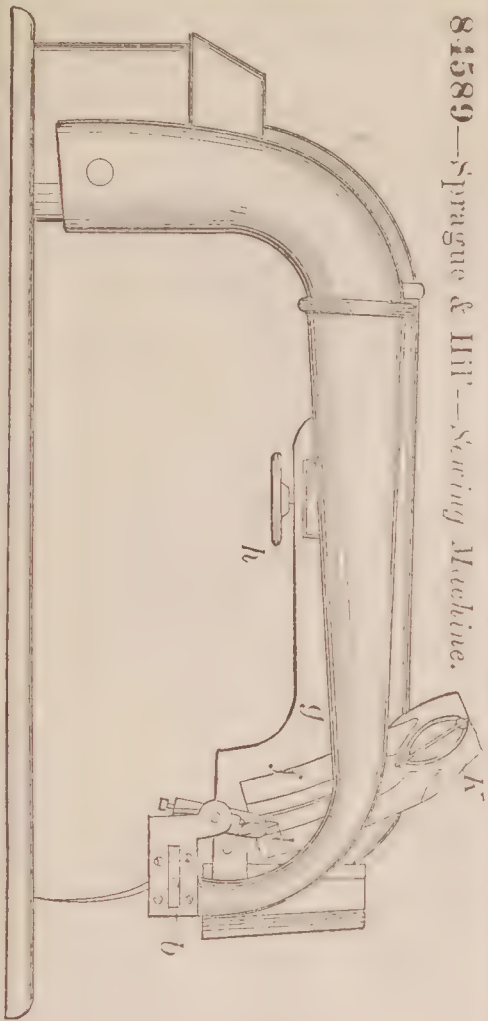
84578—J. H. Raymond—For Manufacturing Parcelling.



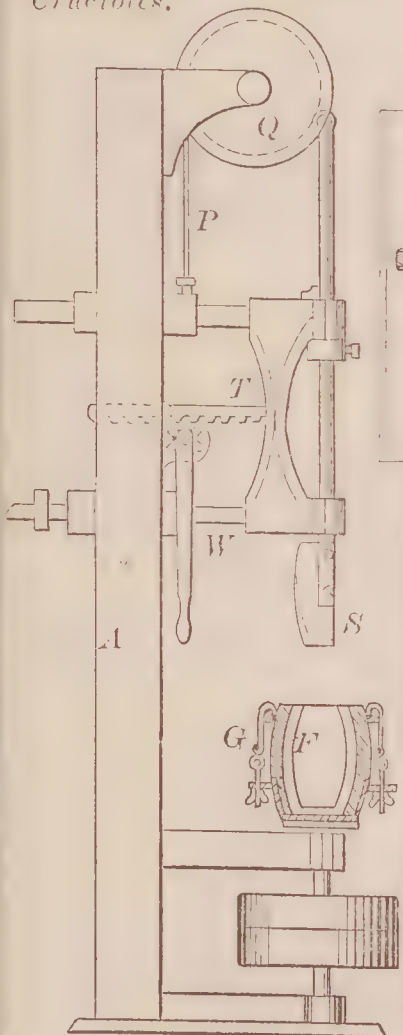


84576—G. Phillips—*Rock Drill.*84579—L. G. Rice—*for Measuring Skirts.*84581—Russell & Fuller—*Spring Bed Bottom.*84587—G. V. Sloat—*Boiler Flue Cleaner.*84584—T. Sargeant—*Stair Rod.*84586—J. Shackelton—*Steam Exhaust Regulator.*84585—J. B. Sargent—*Blind Staple.*84583—Saylor & Rhodes—*Anvil.*84588—A. B. Spies—*Cultivator.*

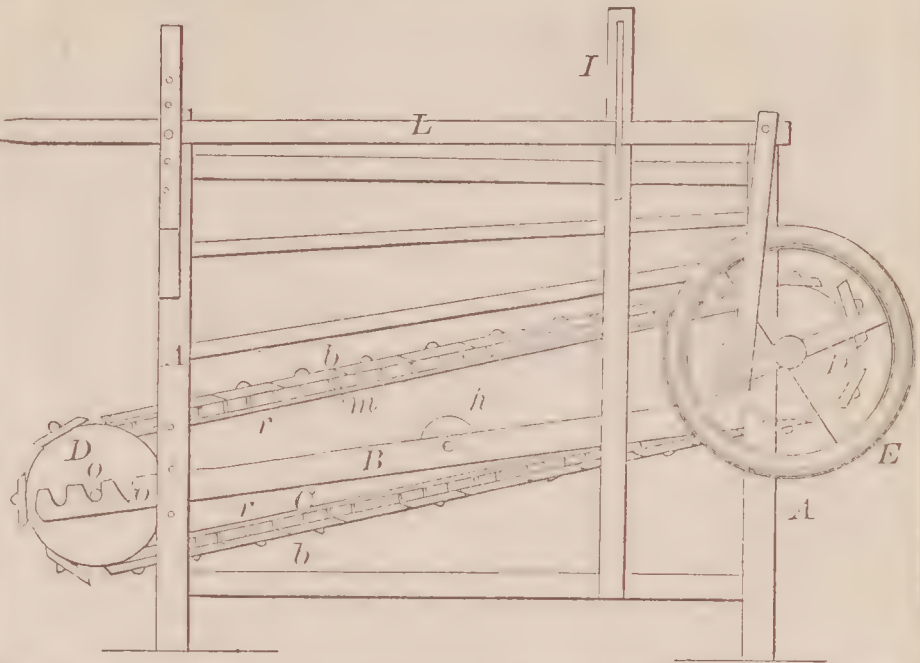
84589—Sprague & Hill—Sewing Machine.



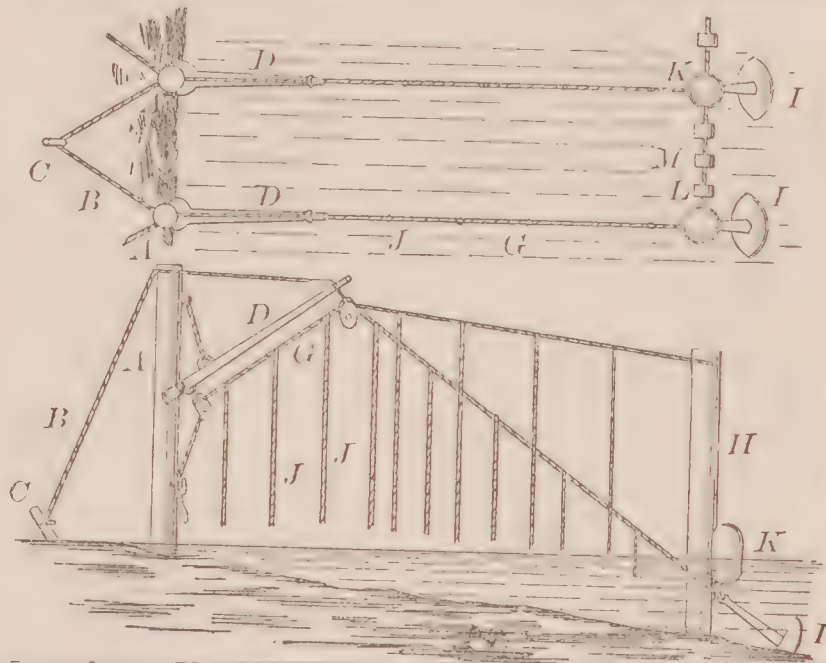
84593—Taylor & Strow—For Moulding Pots and Crucibles.



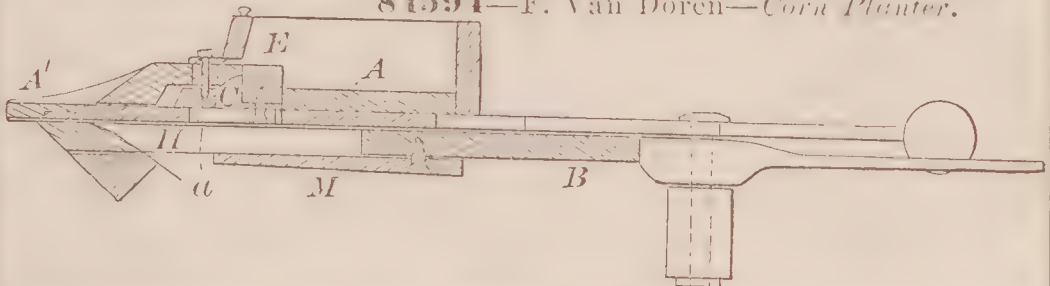
84590—T. Starr—Animal Power.



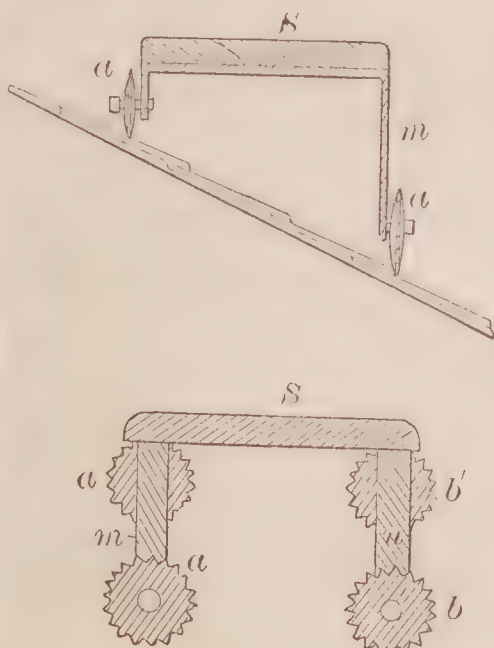
84592—W. T. Street—Life Lines for Sea Bathing.



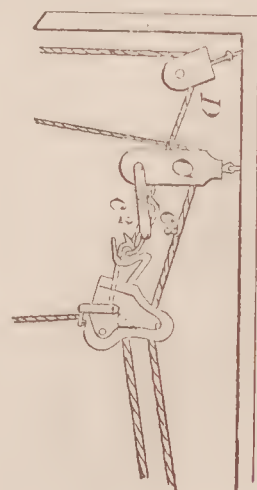
84594—F. Van Doren—Corn Planter.



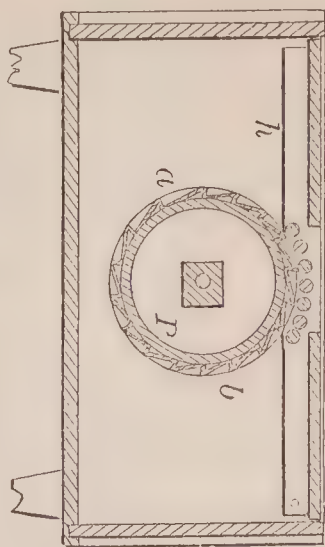
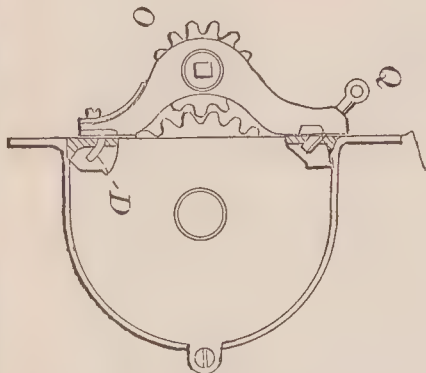
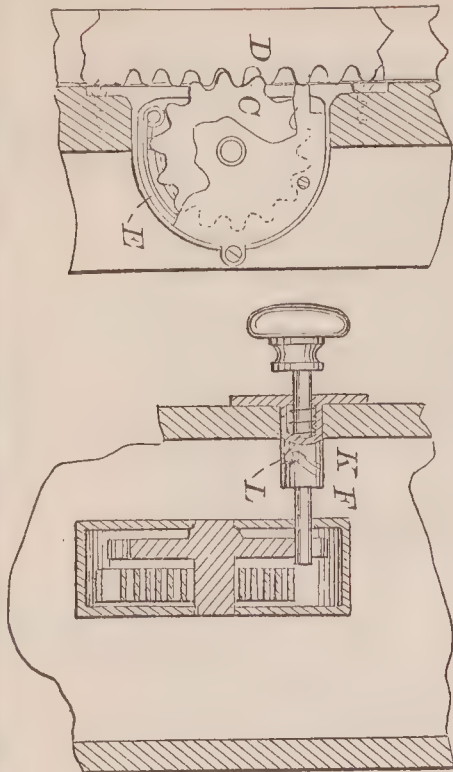
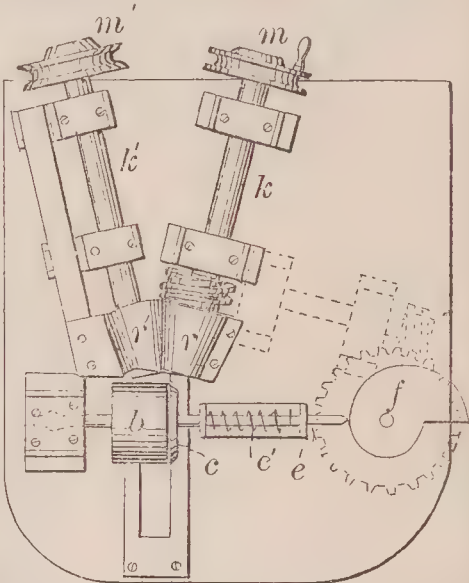
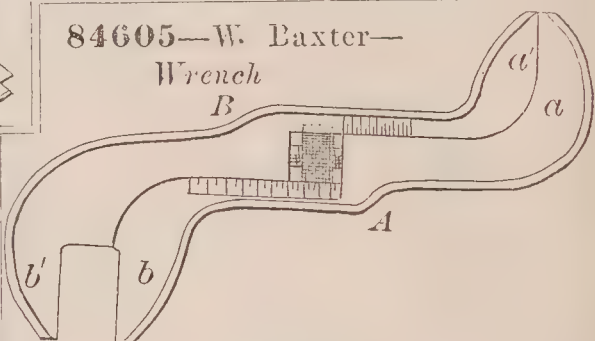
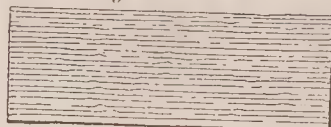
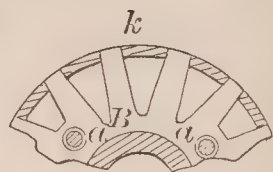
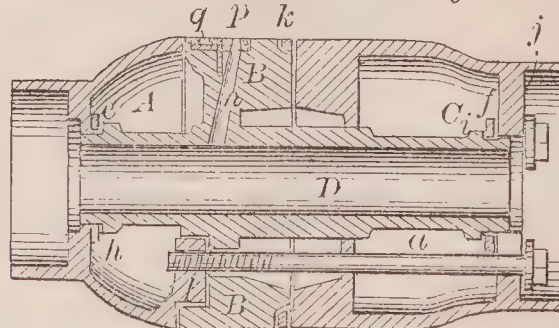
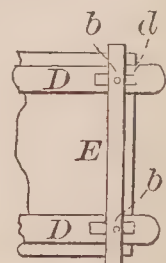
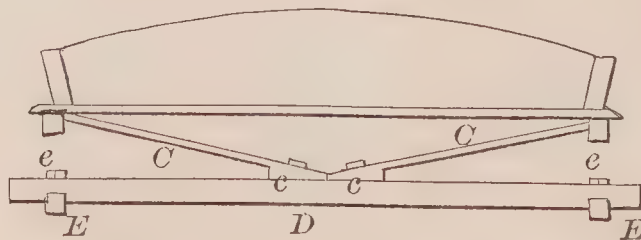
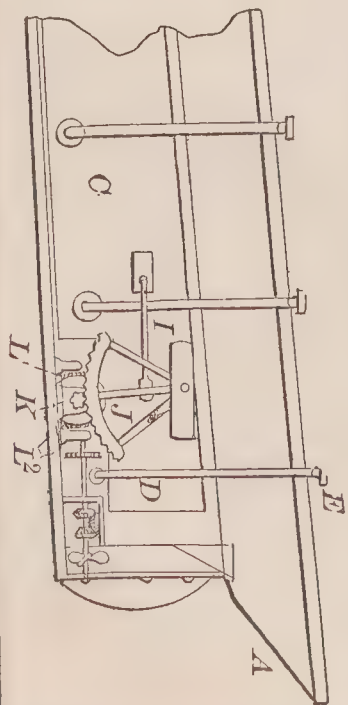
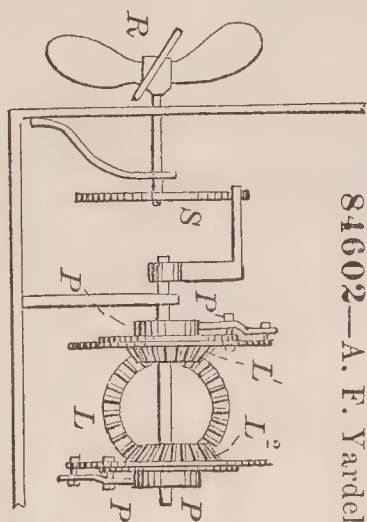
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84591—H. C. Stouffer—Hay Carrier.

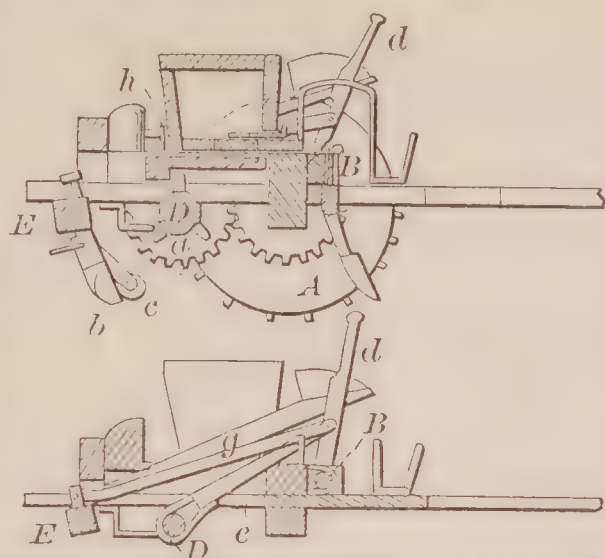




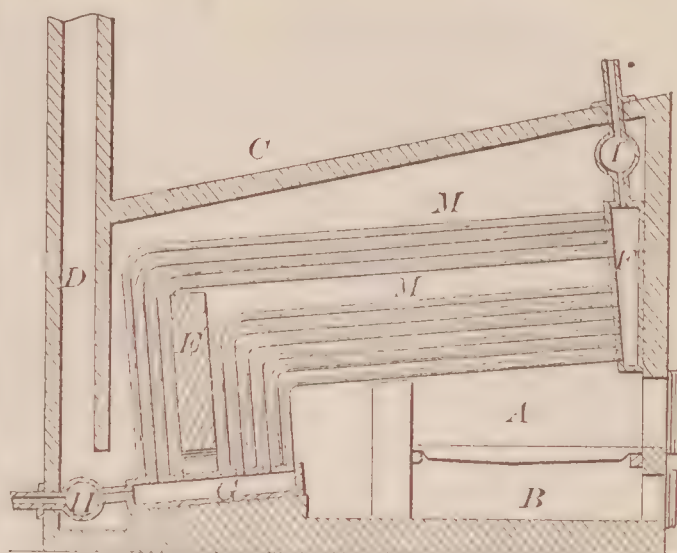
84598—L. Wheelock—*Fire Arm.*84597—L. B. Wheeler—*Washing Machine, H E*84596—W. M. & C. A. Warren—*Sash Fastener.*84599—N. D. Whipple—*Felling Hats.*84605—W. Baxter—*Wrench B*84606—S. Beer—*Preventing Bank Note Counterfeiting.*84601—A. S. Woodward—*Wagon Hub.*84603—C. W. Aikin—*Wagon Seat.*84602—A. F. Yardell—*Propulsion of Vessels.*



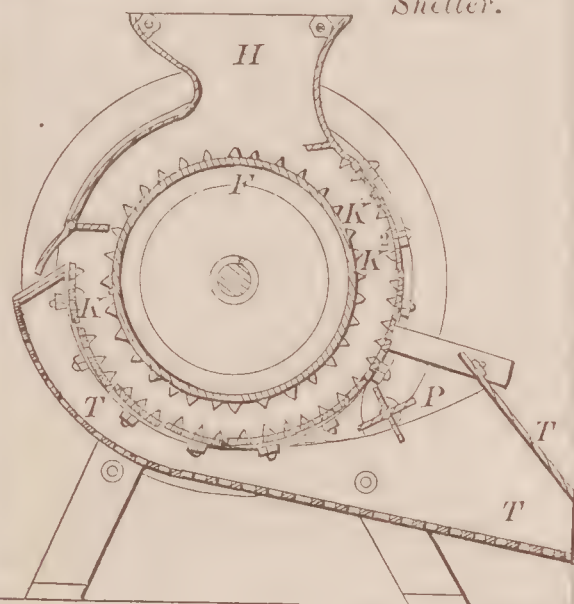
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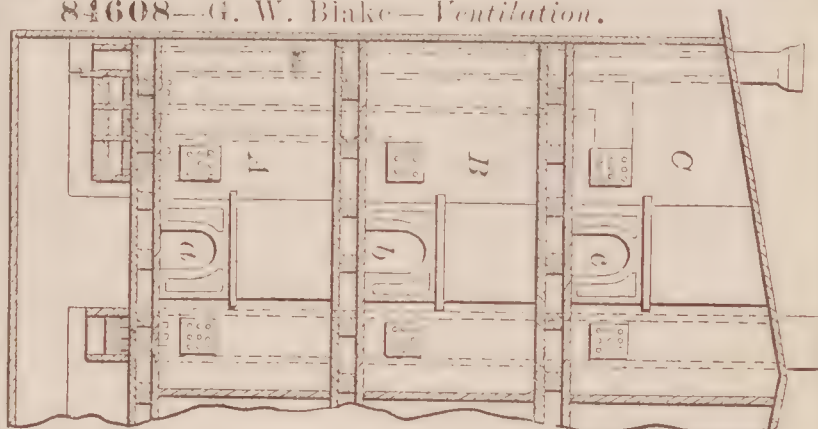
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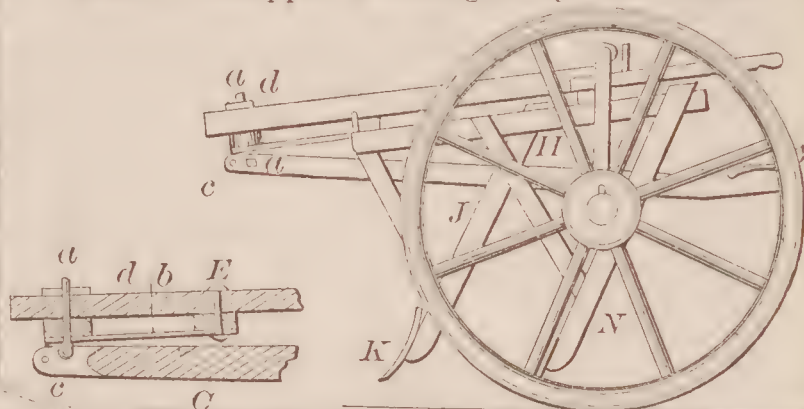
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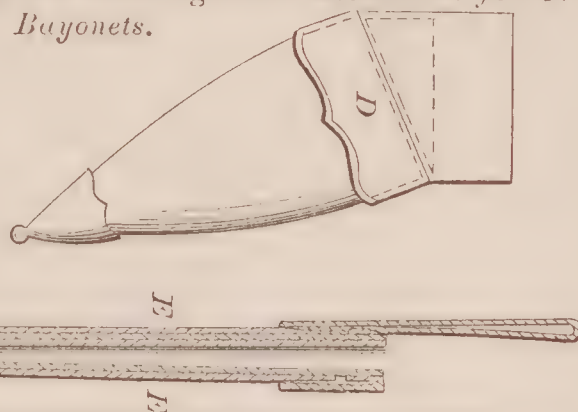
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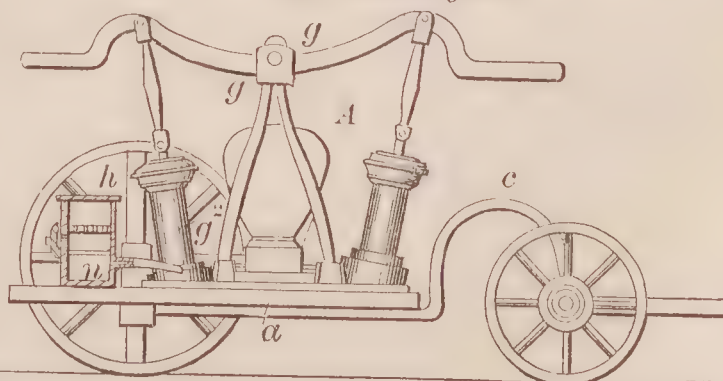
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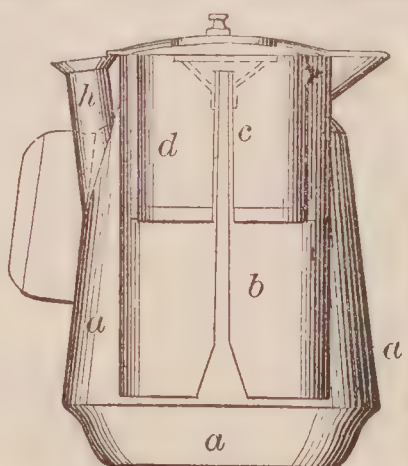
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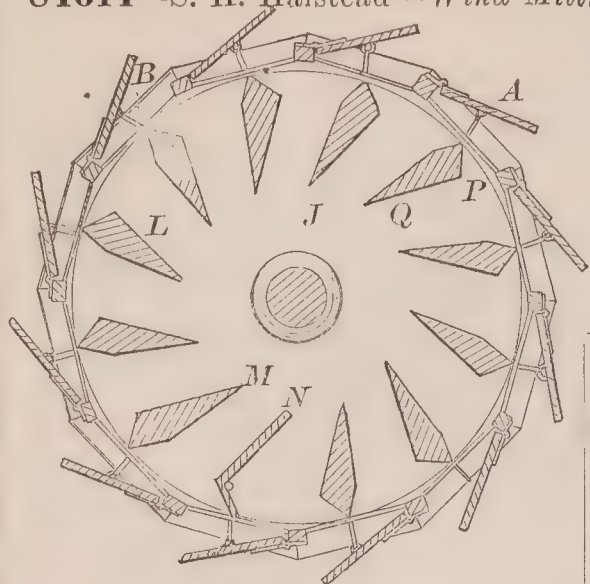
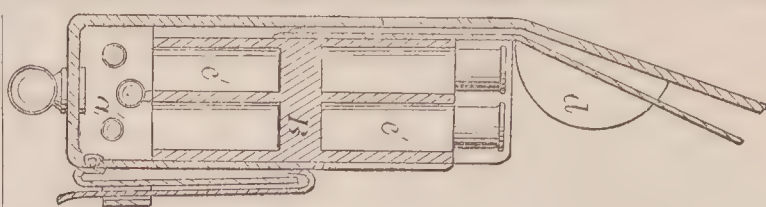
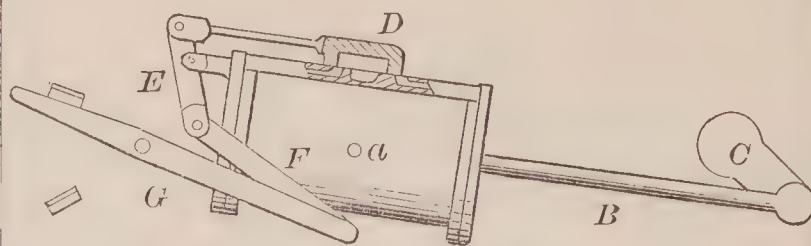
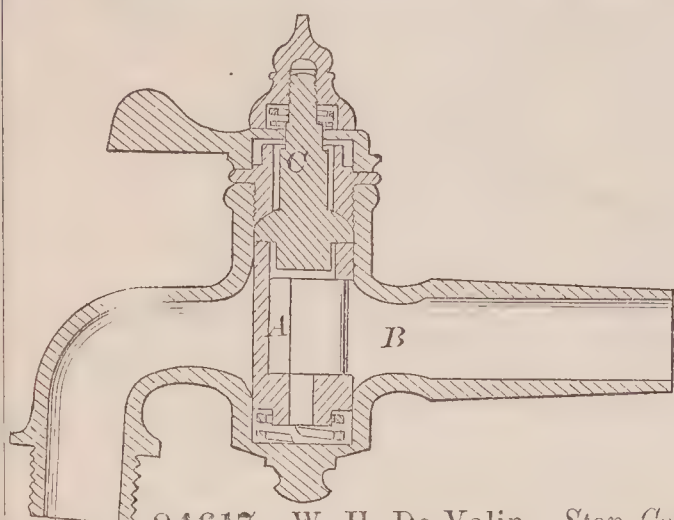
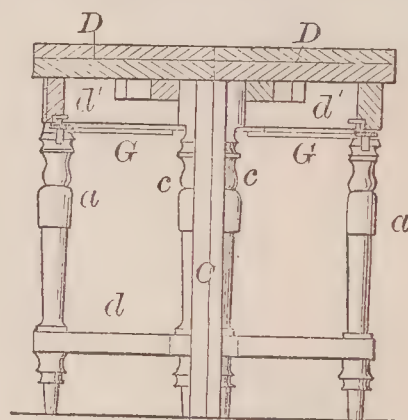
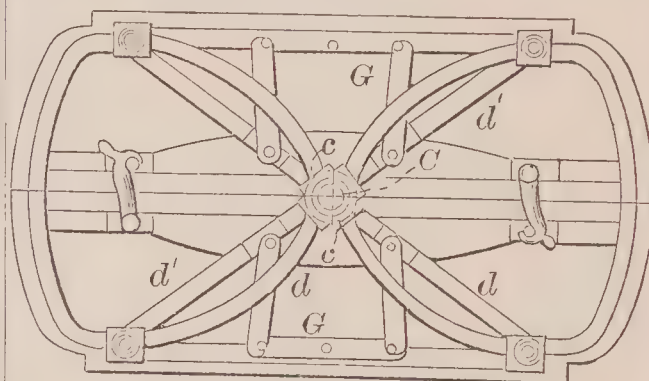
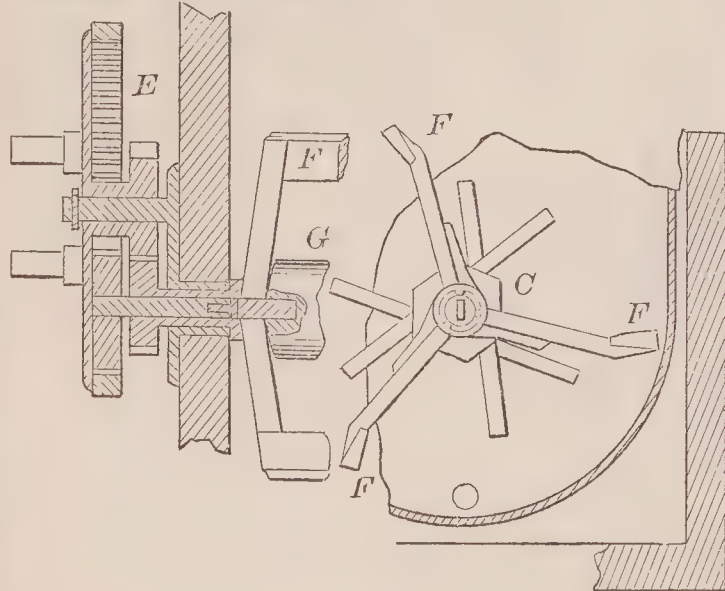
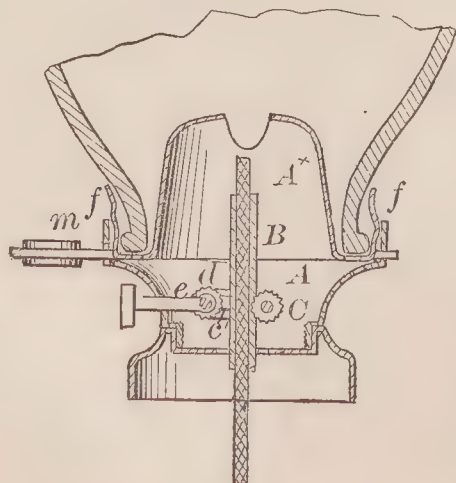
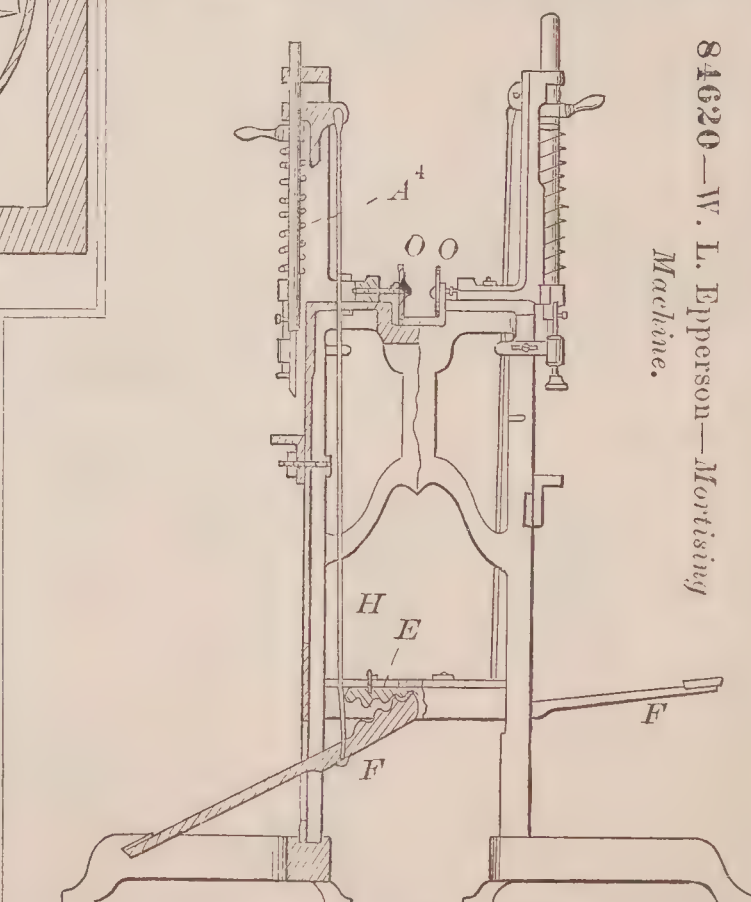
84613—L. H. Clark—*Application of Carbonic Acid in Fire Engines.*



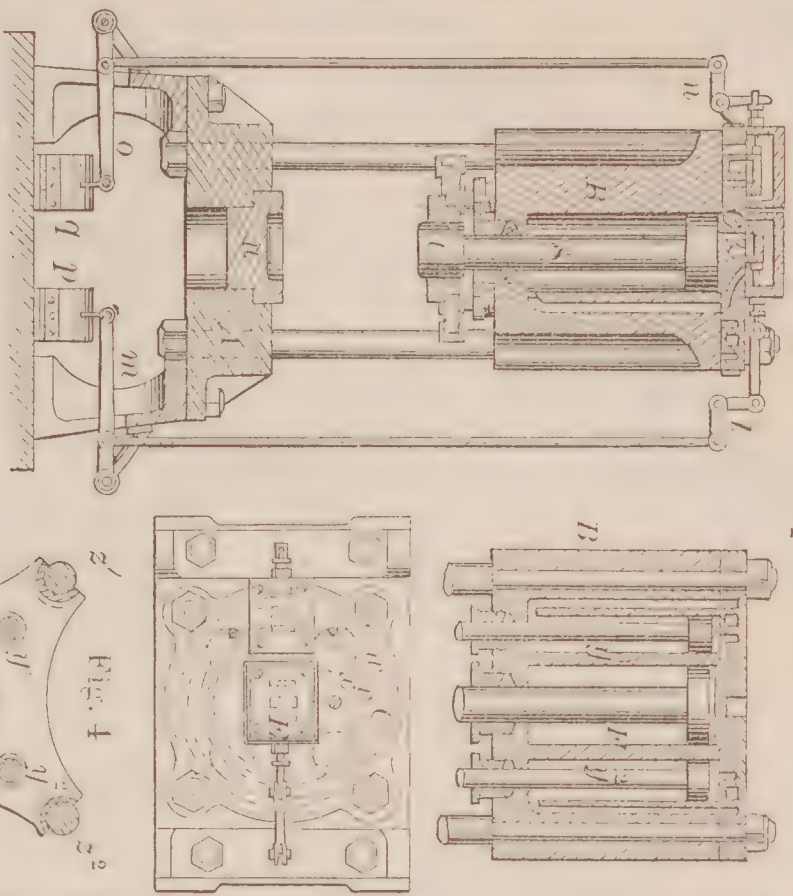
84609—L. Brauer—*For Making Extracts and Decoctions.*



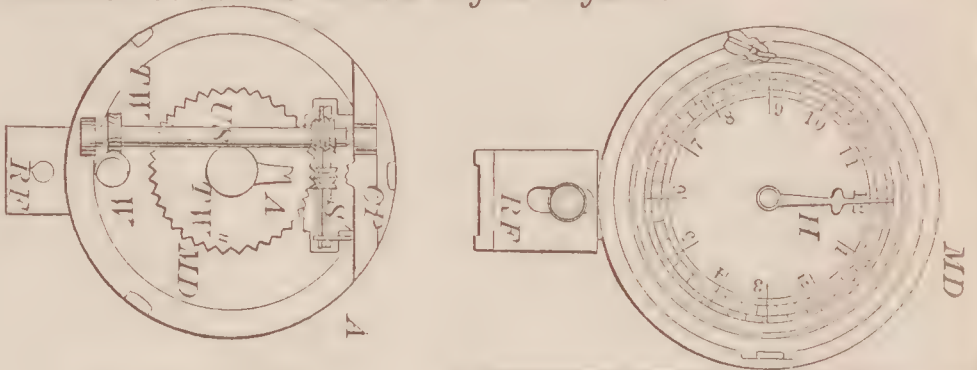


84614—S. H. Halstead—*Wind Mill.*84615—J. Crampton—*Valve Gear.*84616—S. Crispin—*Cartridge Box.*84617—W. H. De Valin—*Stop Cock.*84618—Drouhard & Roye—*Table.*84619—S. S. Elder—*Churn.*84623—J. Gibbs—*Lamp.*84620—W. L. Epperson—*Mortising Machine.*

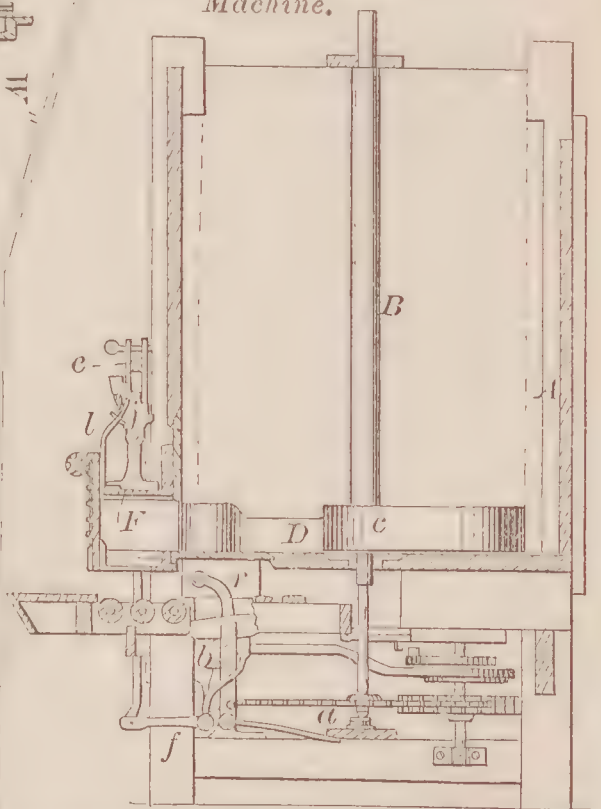
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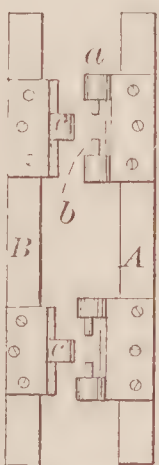
84622—J. Garsed—Steam Engine Register.



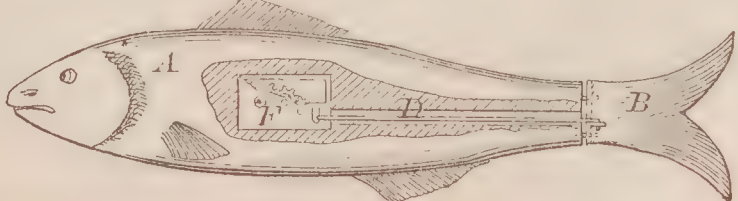
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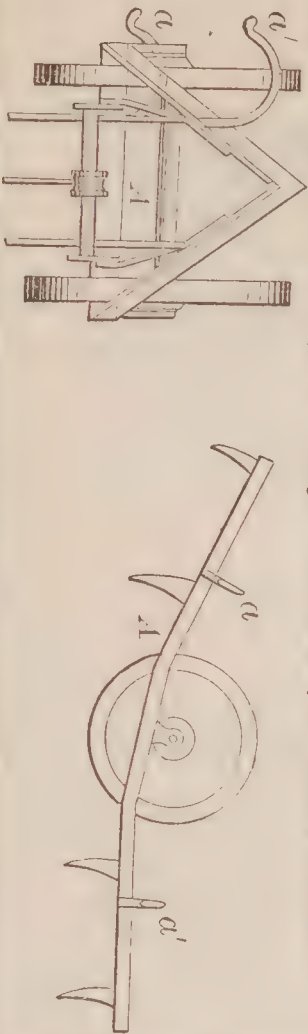
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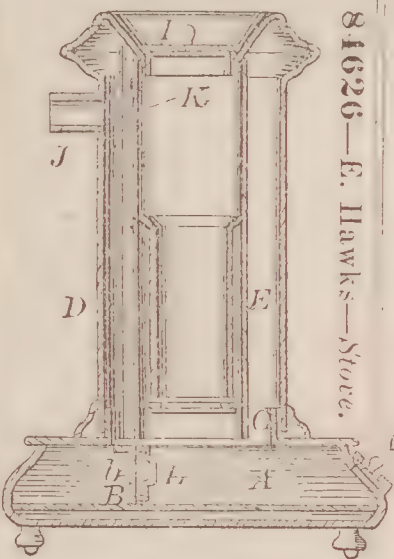
84628—R. Hunter—Toy Fish.



84621—M. Eyth—Rope Bearing Attachment for Steam Culture.



84626—E. Hawks—Stove.

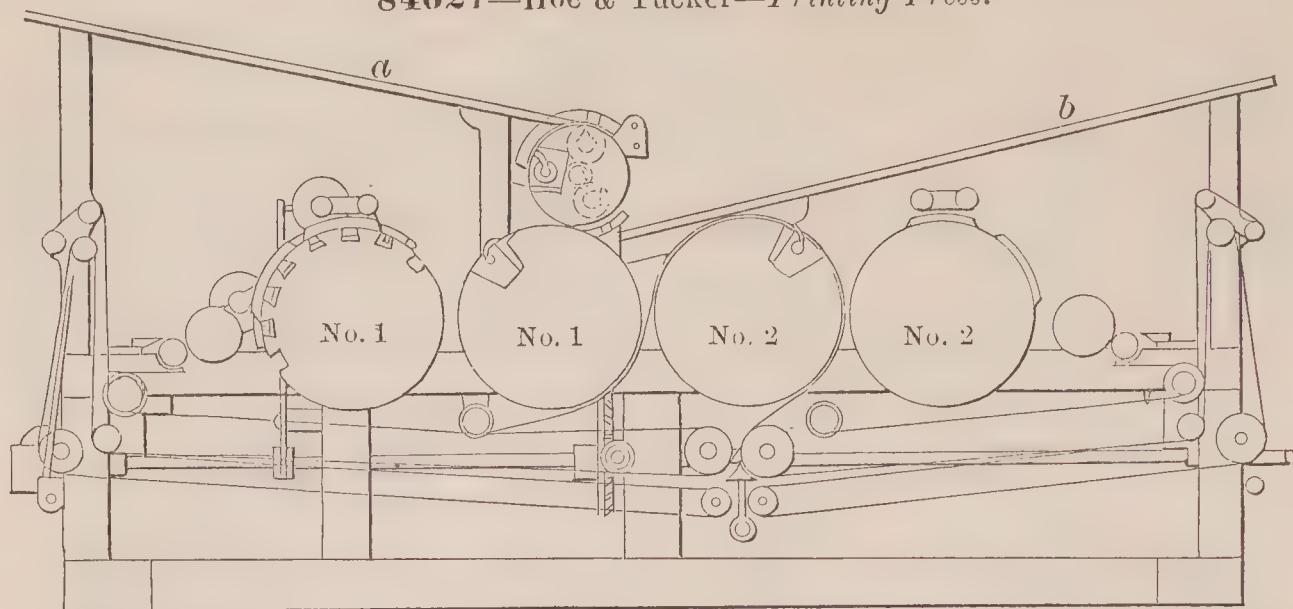


84633—P. A. La France—Wash Pounder.

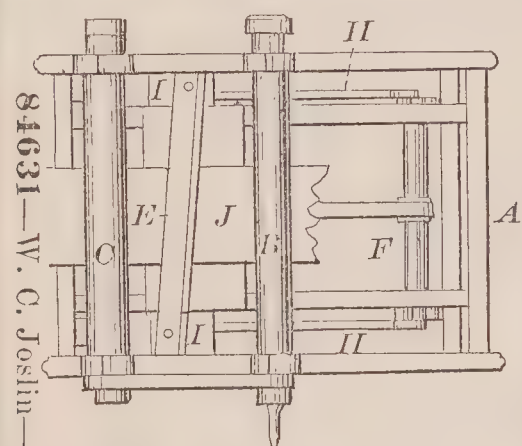
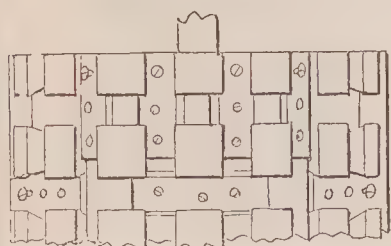
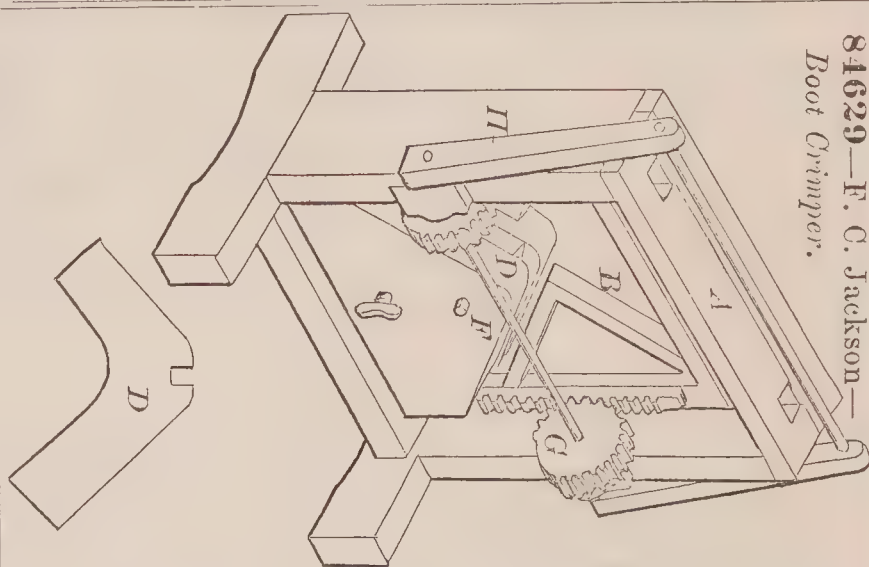




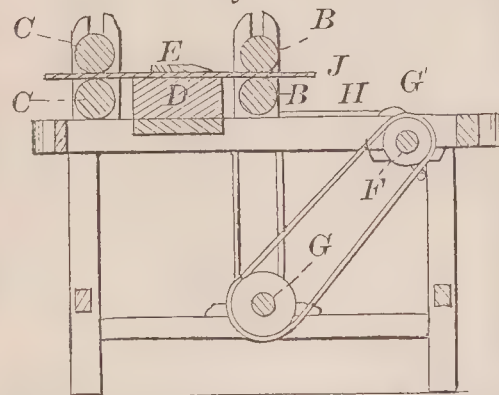
84627—Hoe & Tucker—*Printing Press.*



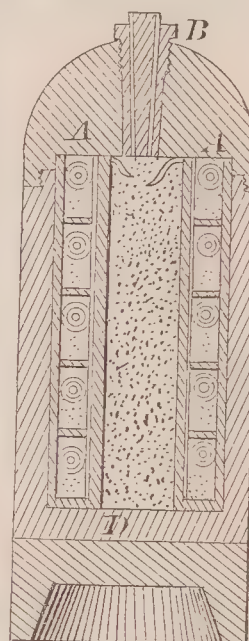
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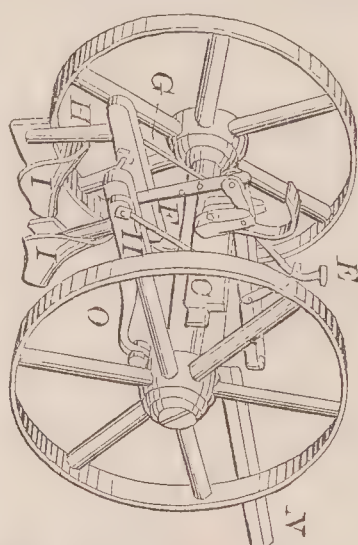
84631—W. C. Joslin—*For Reducing Leather.*



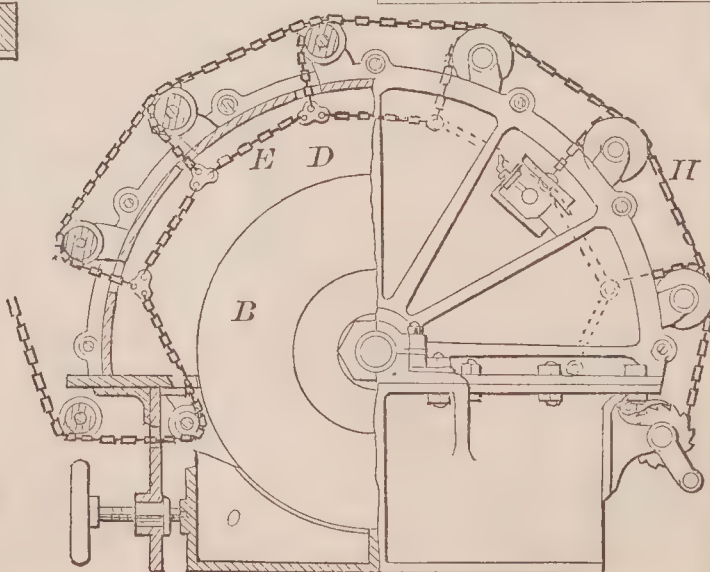
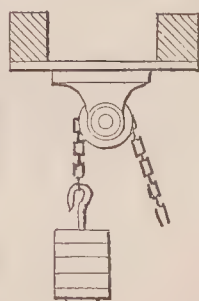
84635—J. Long—*Explosive Projectile.*



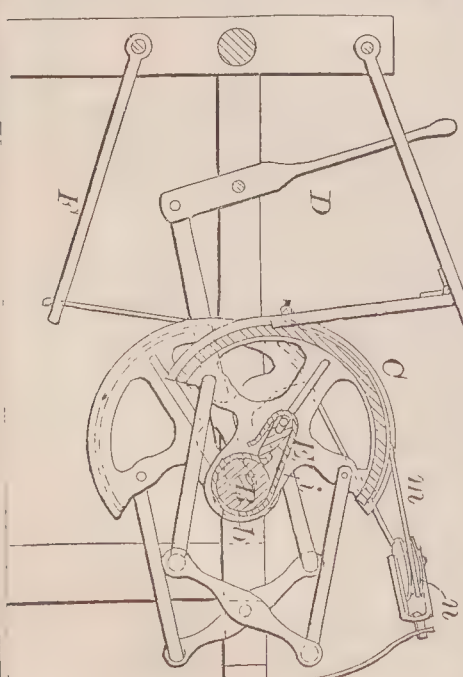
84634—J. B. Logan—*Gang Plow.*



84640—H. Marx—*For Reducing Wood to Paper Pulp.*



84632—M. Laemmel—*Mechanical Movement.*

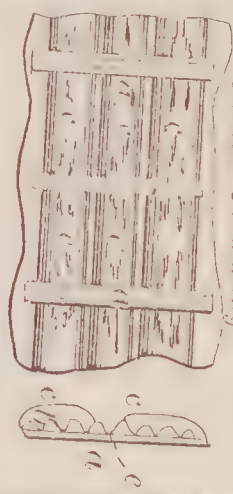




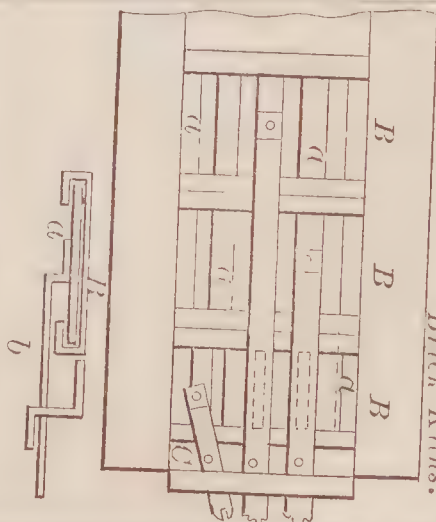
81613—P. J. McGuiness—Mortingale.



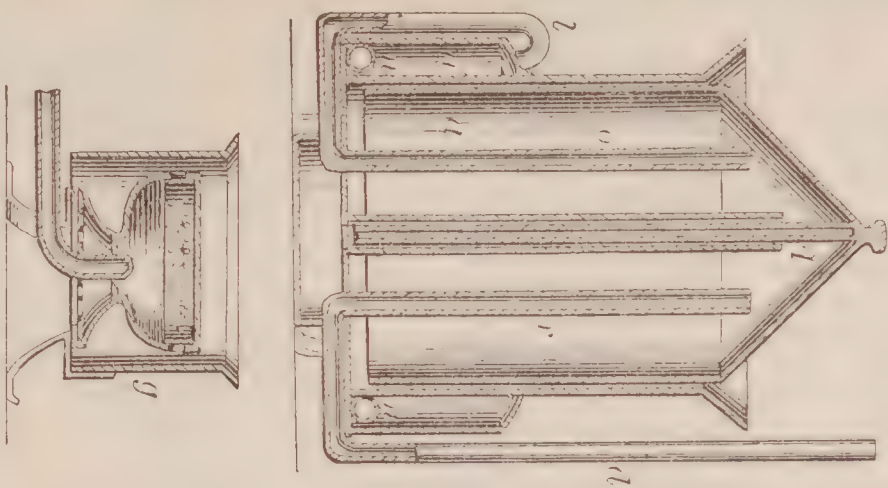
81641—J. H. Mandelbaum—*Plated Trimming.*



81639—J. Malpress—*Grate for Brick Kilns.*



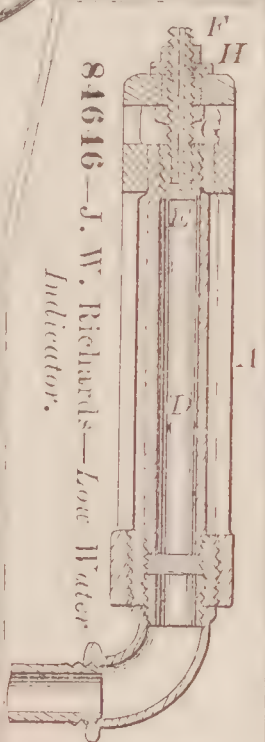
81636—C. B. Loveless—*Manufacture of Illuminating Gas.*



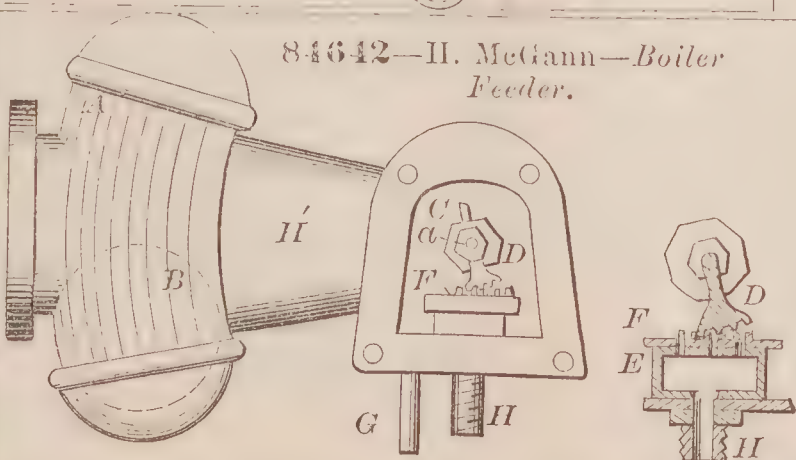
81637—J. N. Lyman—*Revolving Slay Log for Cutting Tenons.*



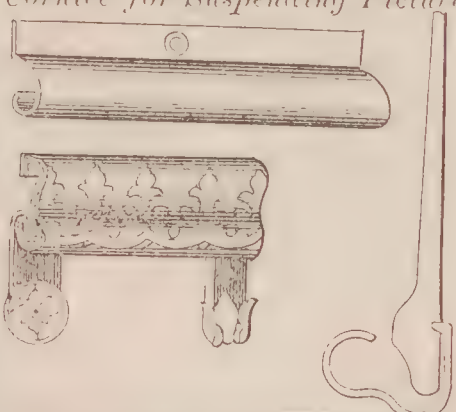
81616—J. W. Richards—*Low Water Indicator.*



81642—H. McGann—*Boiler Feeder.*



81615—W. Potts—*Hook and Cornice for Suspending Pictures.*





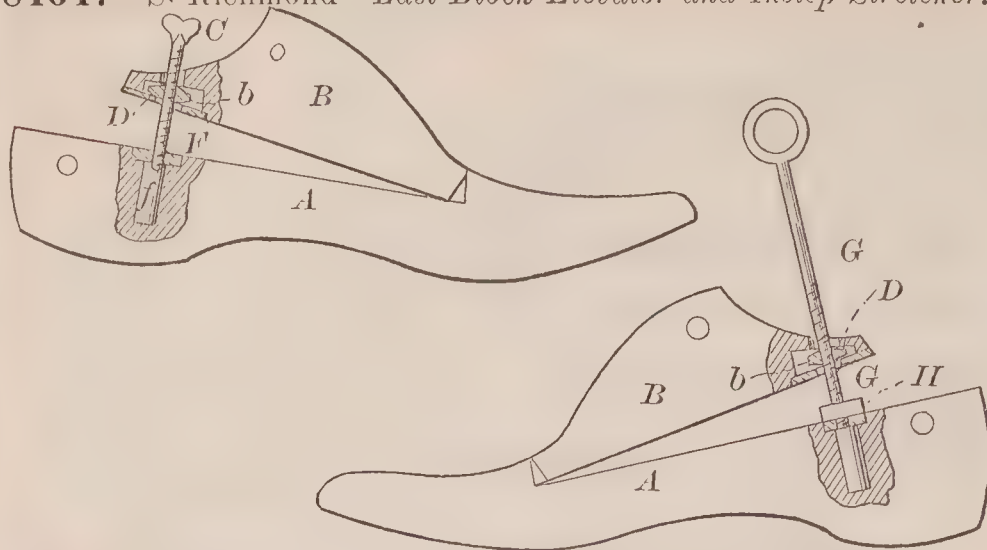
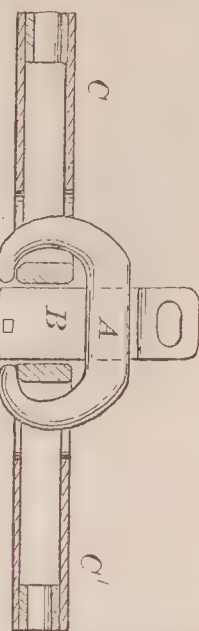
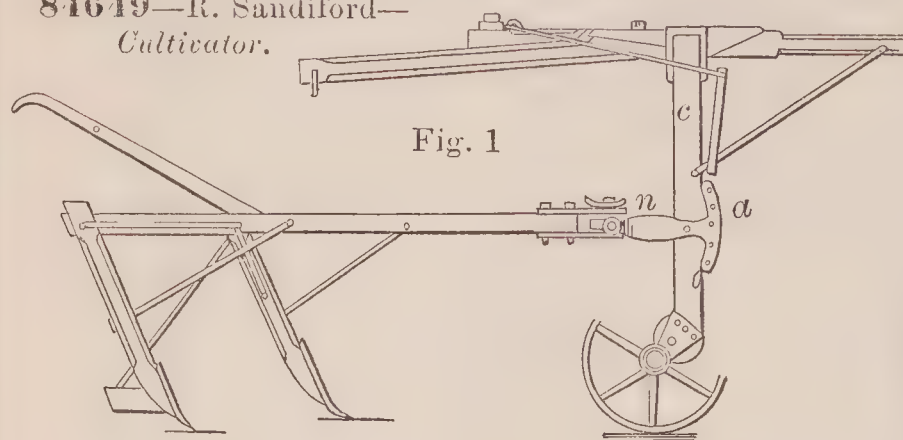
84647—S. Richmond—*Last Block Elevator and Instep Stretcher.*84648—E. Russell—*Car Coupling.*84649—R. Sandiford—*Cultivator.*

Fig. 1

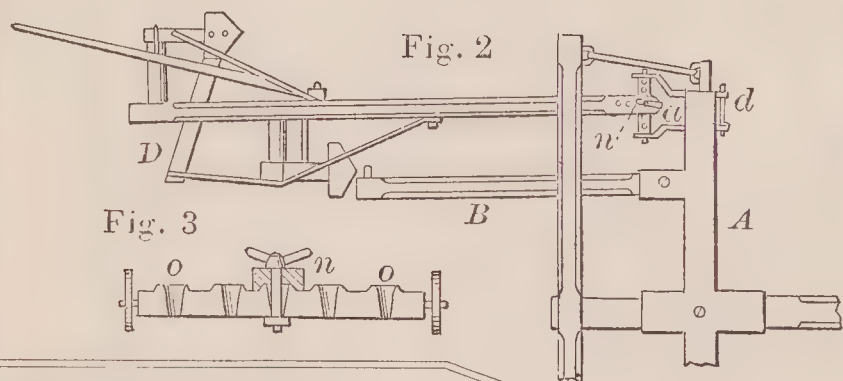
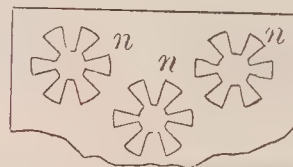
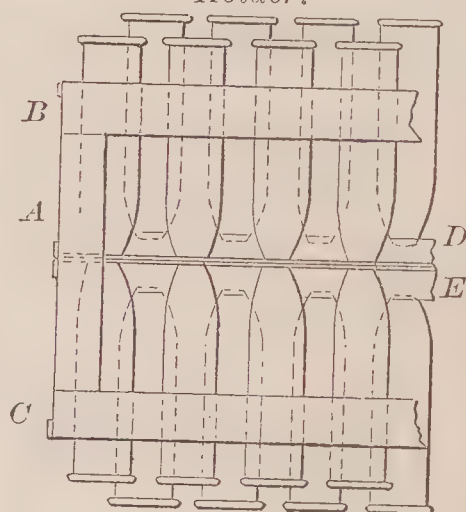
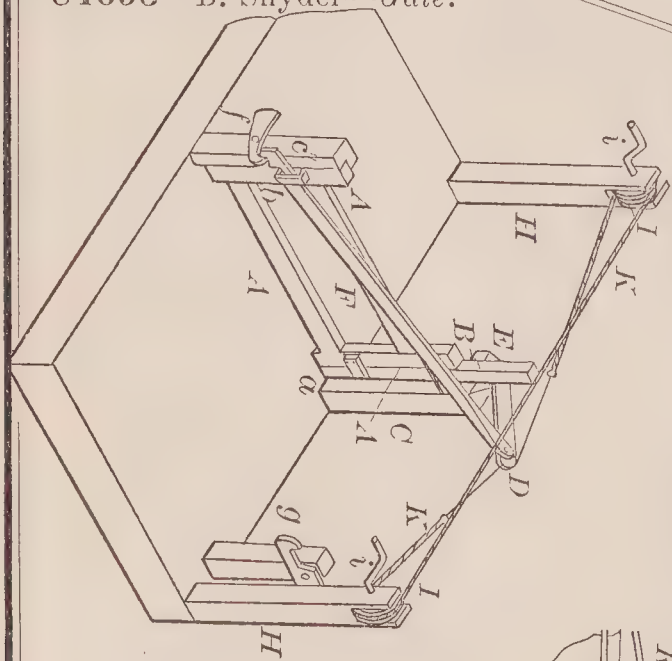
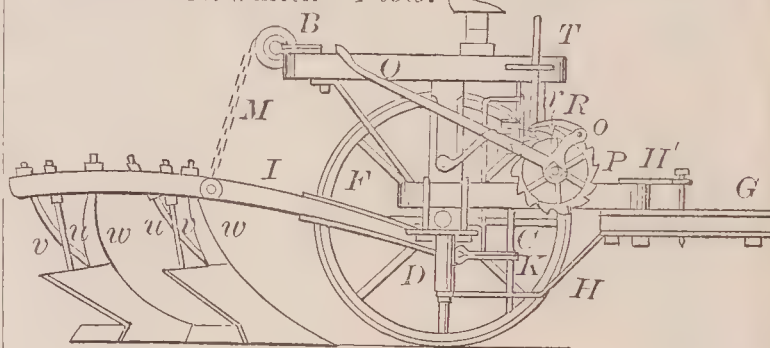
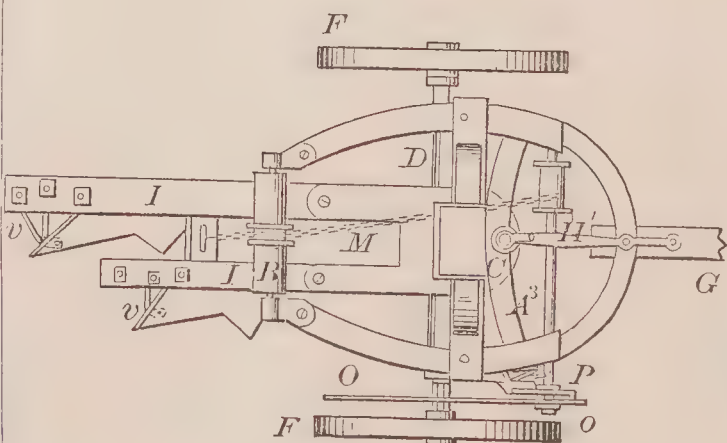
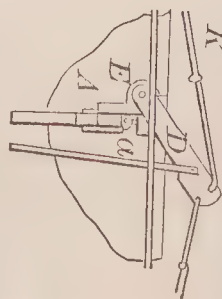
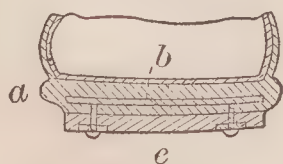
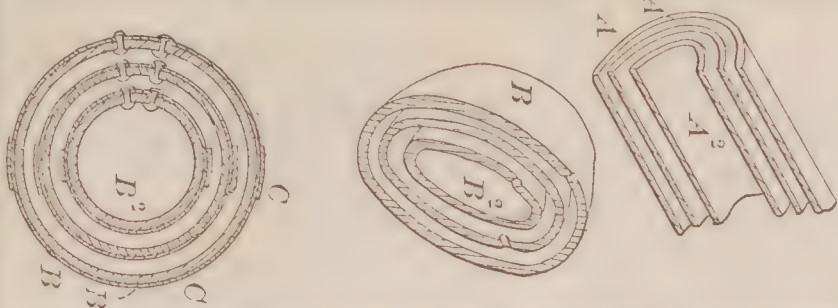


Fig. 2

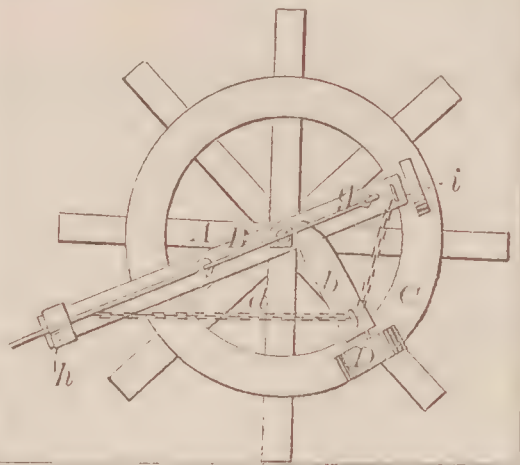
Fig. 3

84651—J. S. Smith—*Cartridge Holder.*84652—B. Snyder—*Gate.*84652—A. Smith—*Plow.*84650—F. M. Shepard—*Waterproof Shoe.*

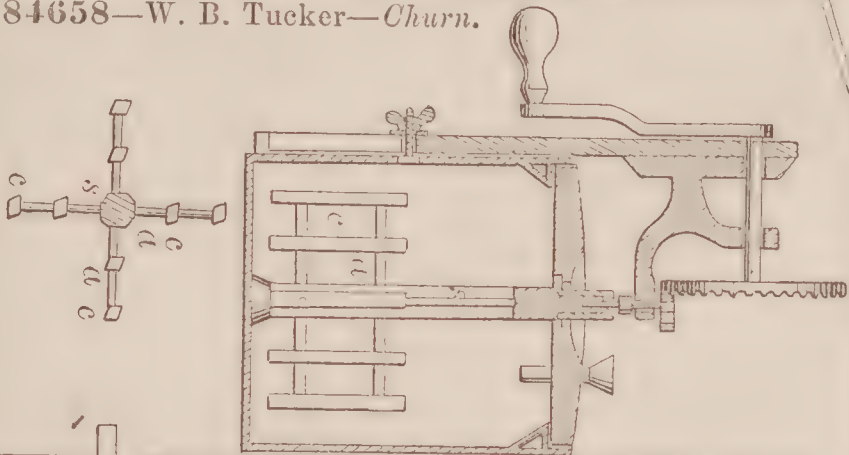
84654—D. E. Somes—*Construction of Elastic Springs.*



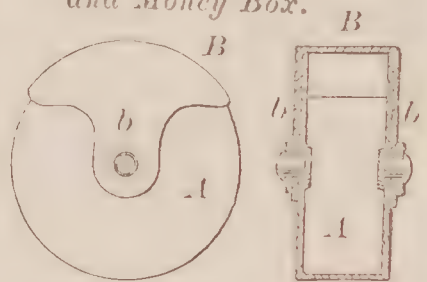
84656—Toby & Barcalo—*Harrow.*



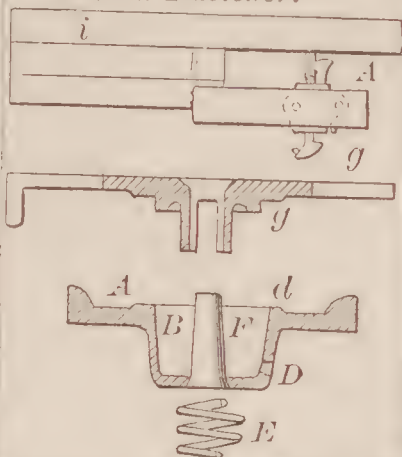
84658—W. B. Tucker—*Churn.*



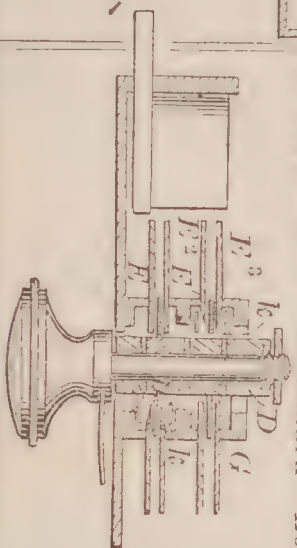
84655—N. Thompson—*Cigar and Money Box.*



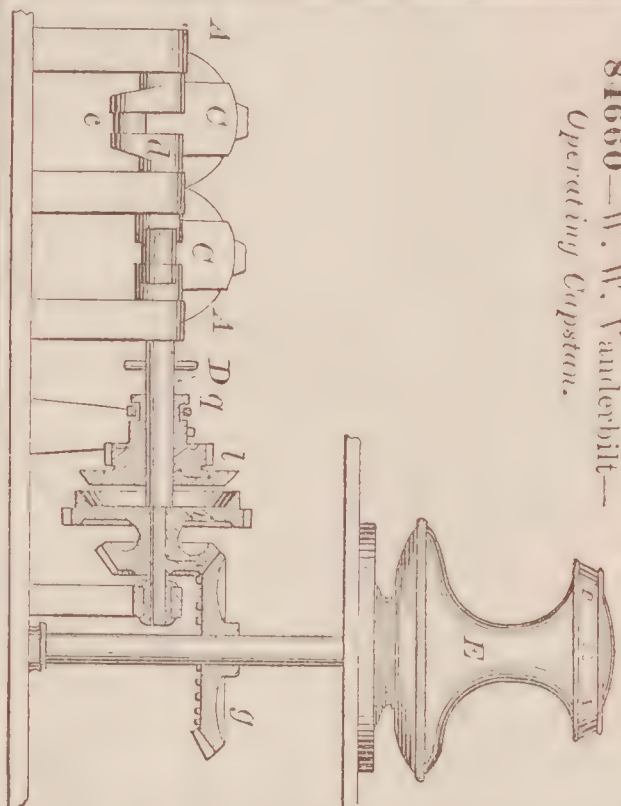
84661—F. Veazie—*Blind Fastener.*



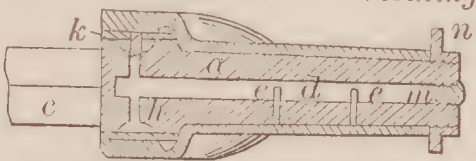
84659—A. B. Vandemark—*Lock.*



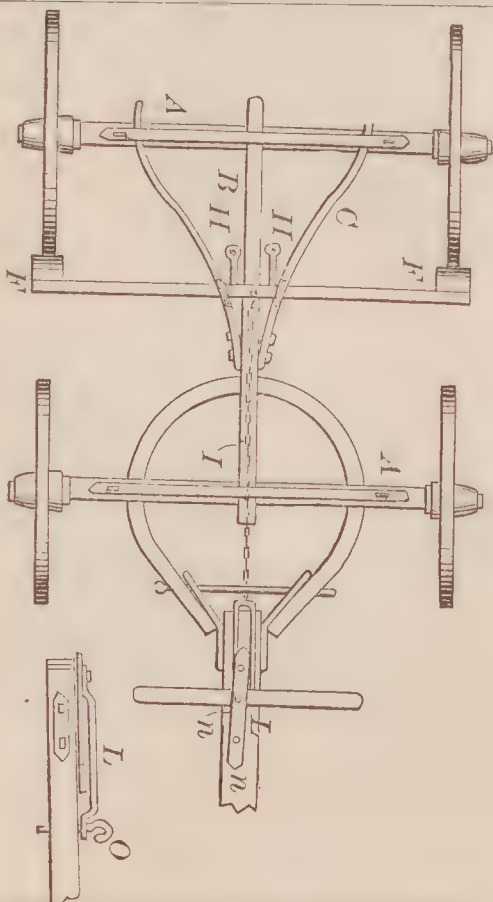
84660—W. W. Vanderbilt—*Operating Capstan.*



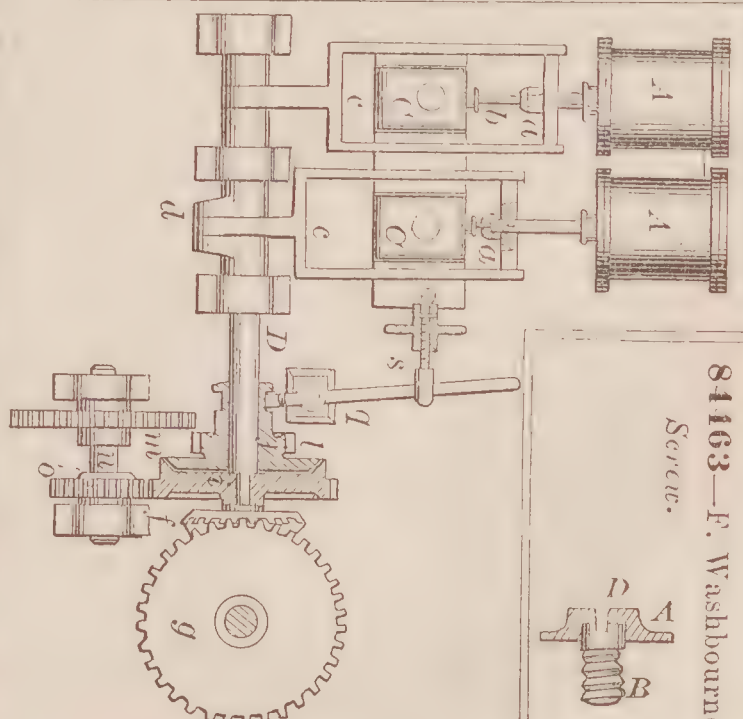
84667—J. L. Winslow—*Lubricating Axles.*



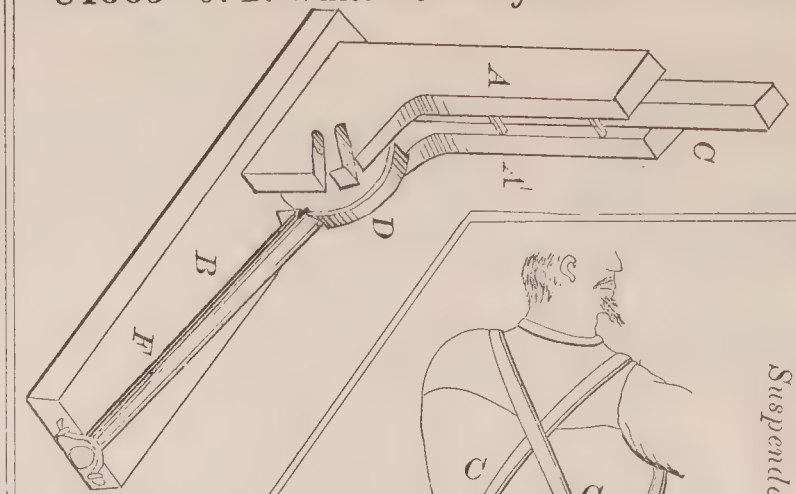
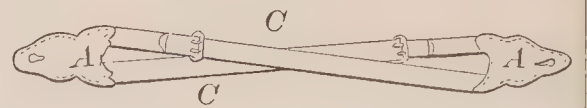
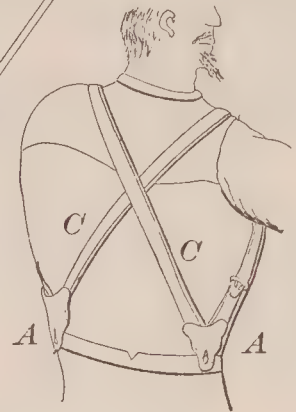
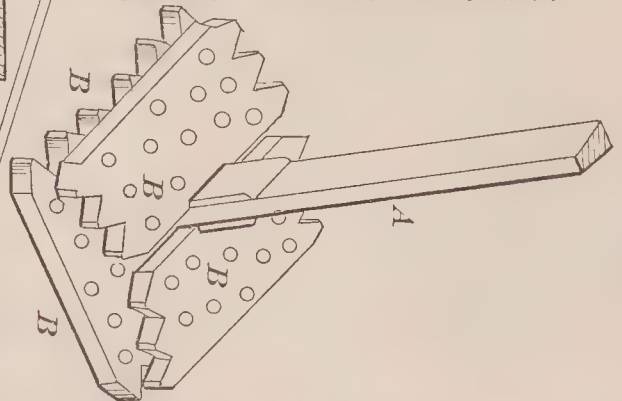
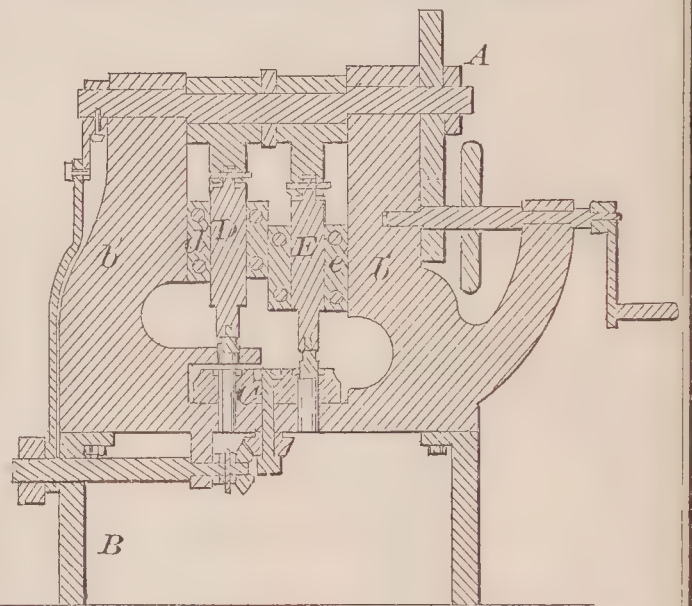
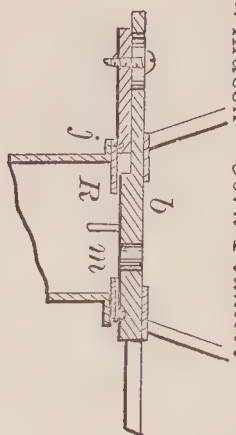
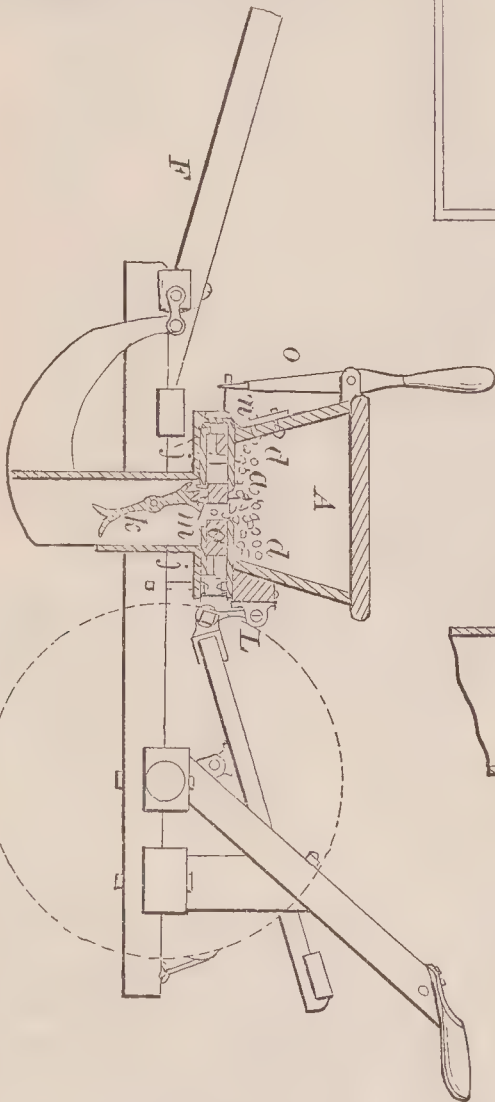
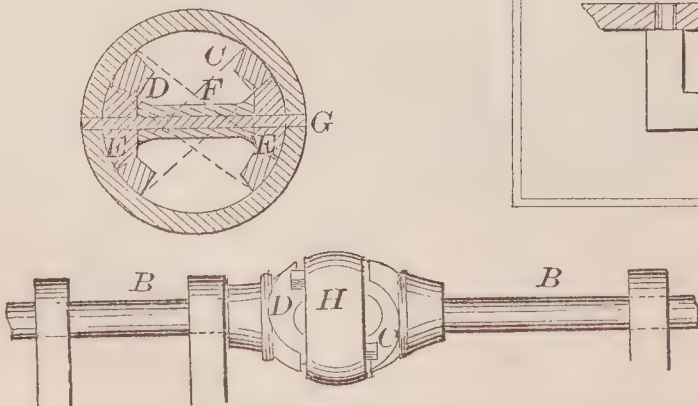
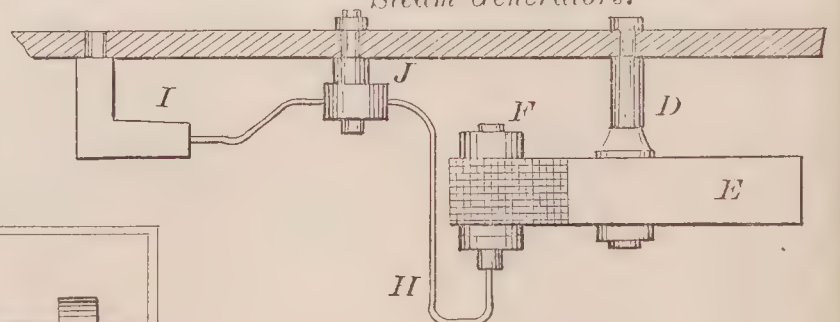
84662—W. T. Ward—*Wagon Brake.*



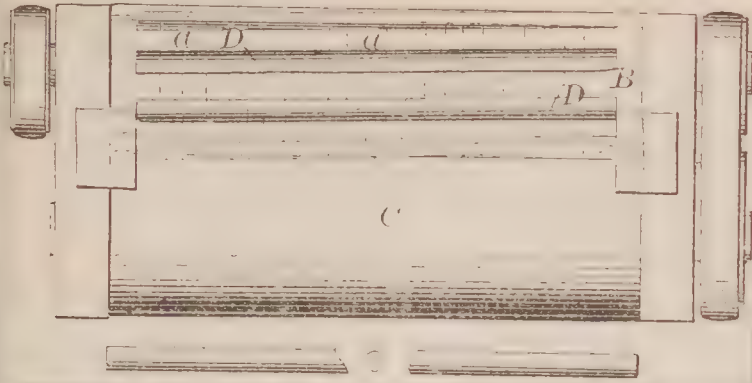
84163—F. Washbourne—*Screw.*



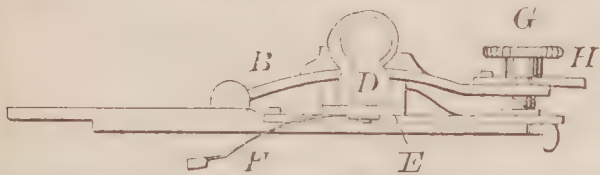


84664—J. B. White—*Lock.*84665—J. B. White—*Carriage Jack.*84669—S. W. Henlon—*Suspender.*84668—F. Whitton—*Churn.*84670—J. Annear—*Punching Machine.*84666—A. Windeck—*Corn Planter.*84672—C. Bennett—*Shaft Coupling.*84671—Baker & Dick—*For Preventing Incrustation in Steam Generators.*

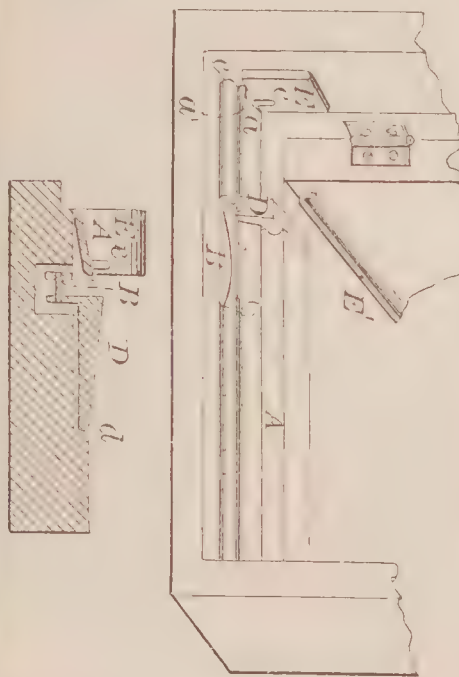
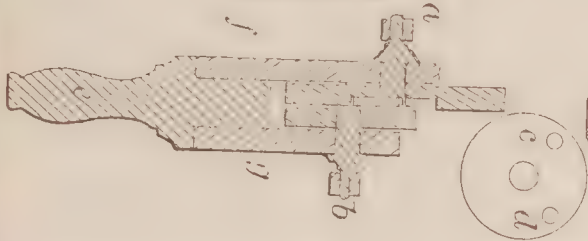
84673—G. B. Brayton—*For Cutting Eyelets.*



84676—Brooks & Manning—*Sewing Machine.*

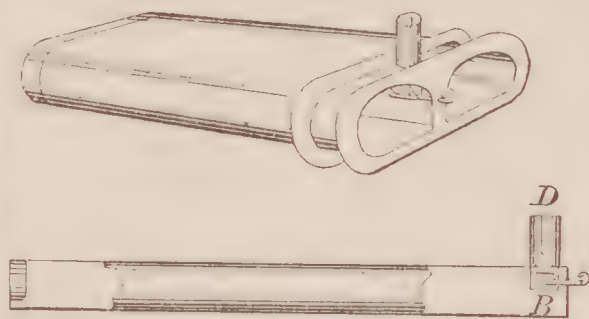


84678—A. R. Bullington—*Mechanical Movement.*

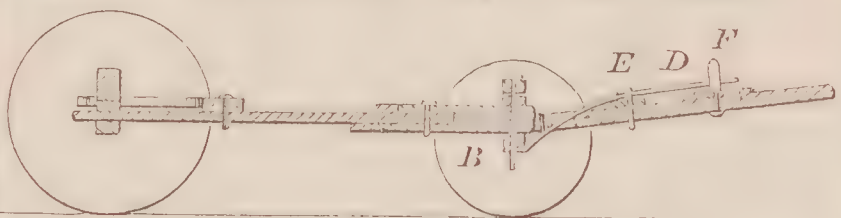


84680—E. Carpenter—*Weather Strip.*

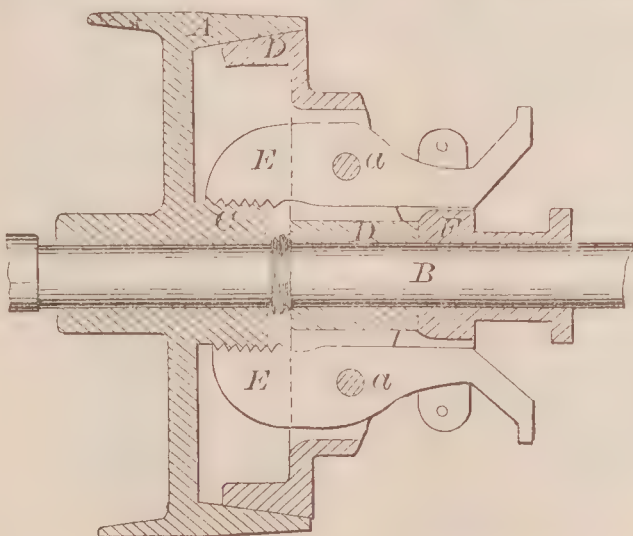
84679—M. L. Callender—*Gas Retort.*



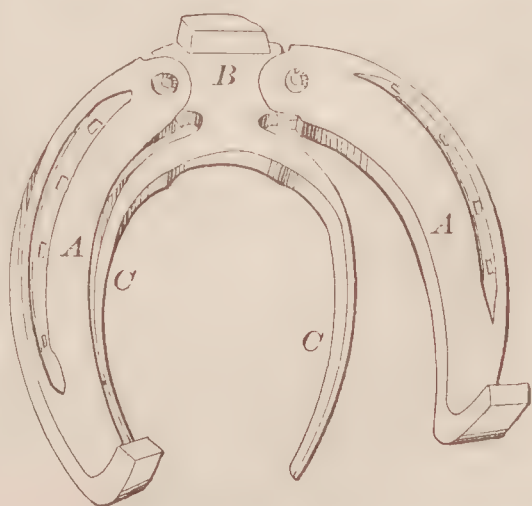
84682—N. A. De Long—*Wagon Tongue Support.*



84681—A. B. Clemons—*Friction Clutch Pulley.*



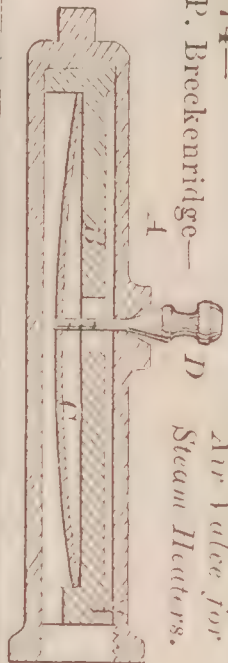
84684—F. W. Edison—*Horse Shoe.*



84674—

M. P. Breckenridge—

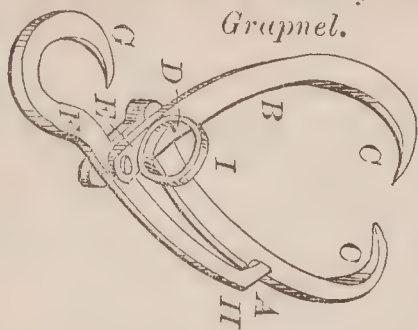
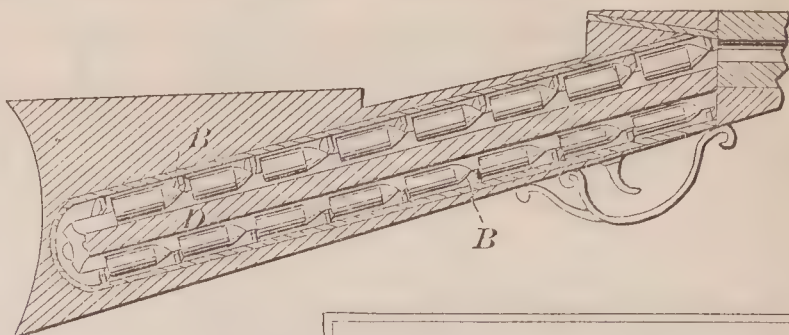
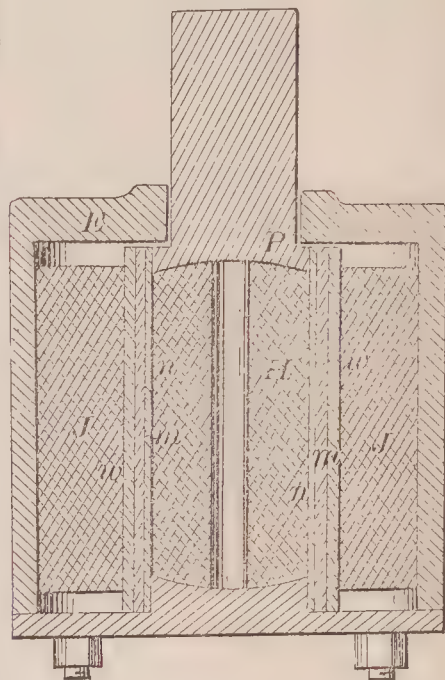
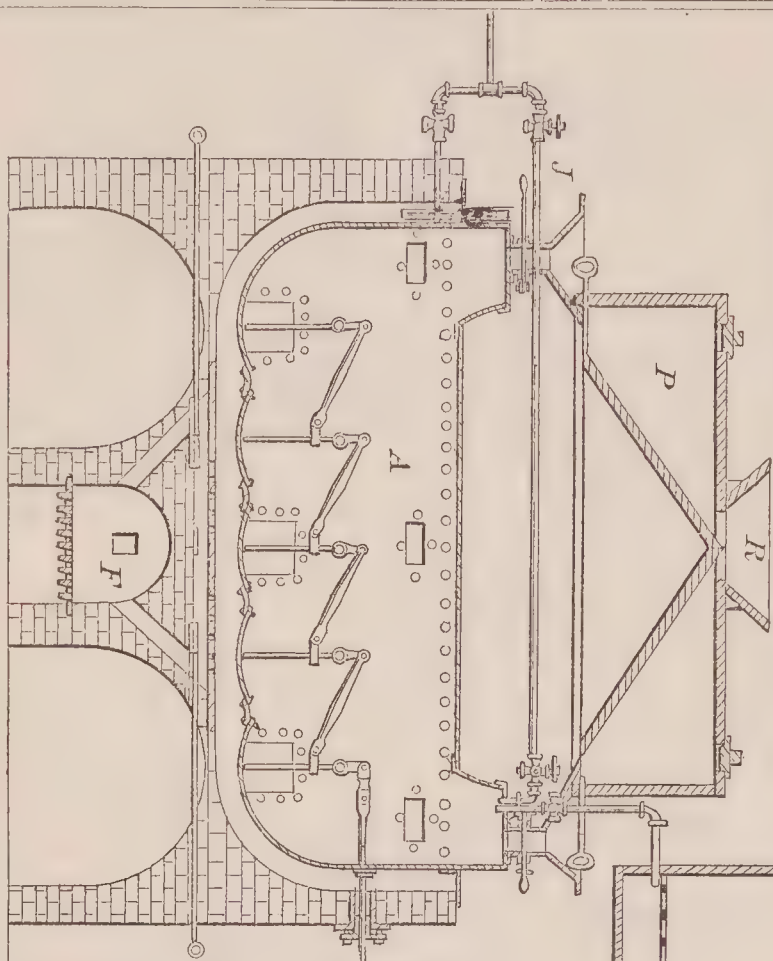
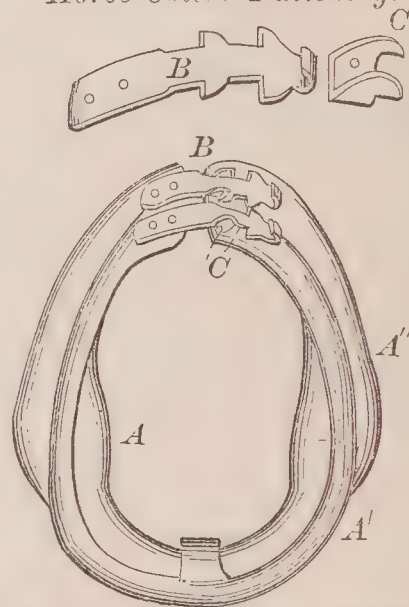
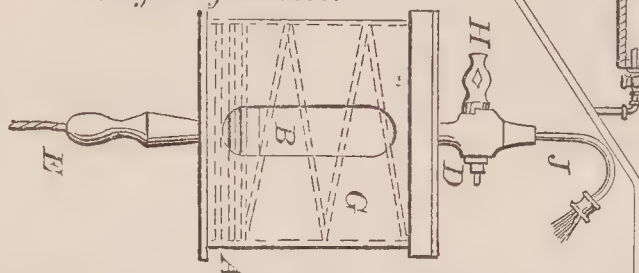
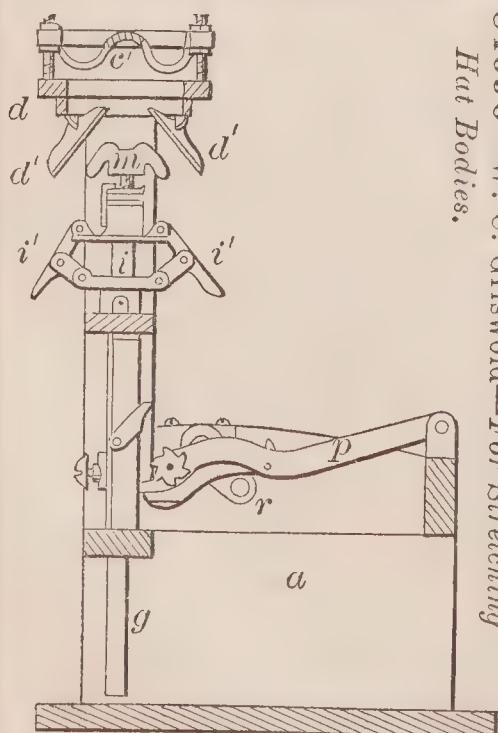
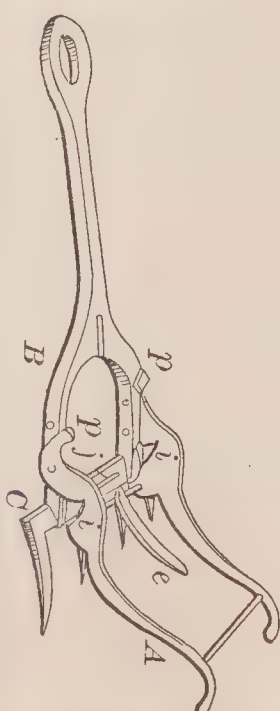
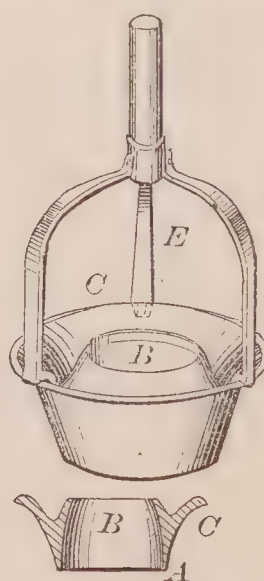
*Air Valve for  
Steam Heaters.*



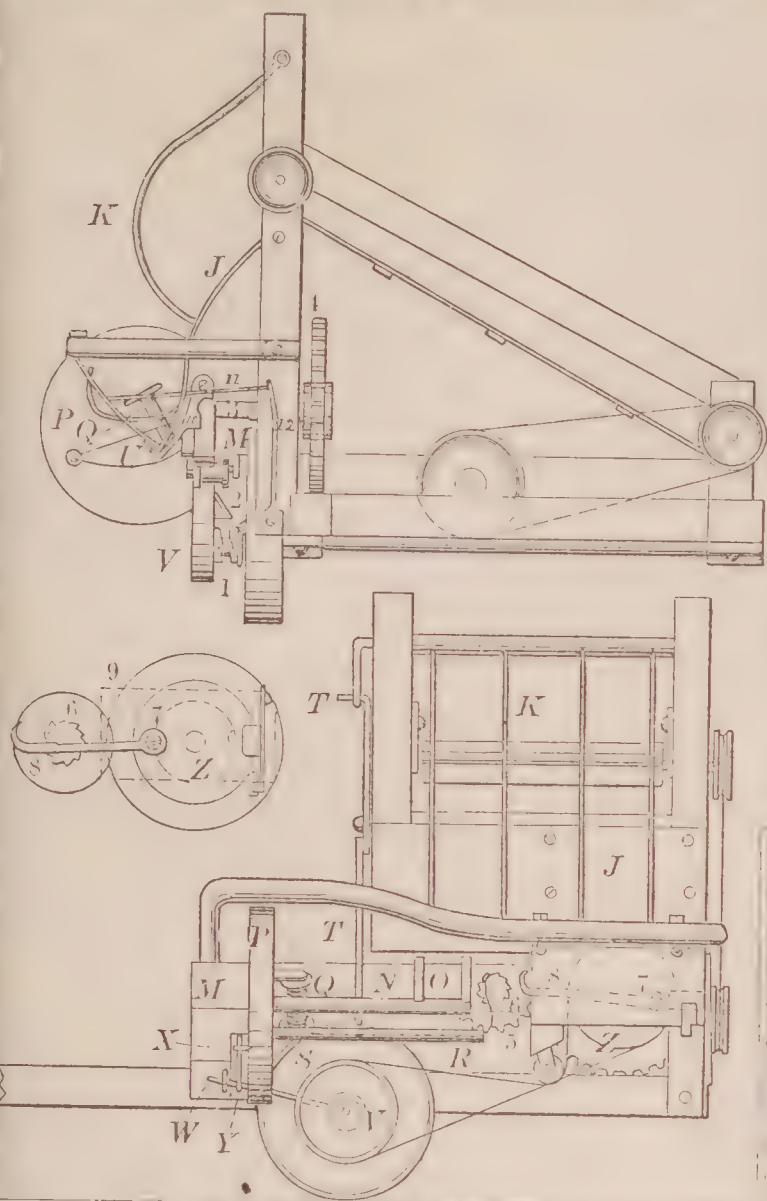
84677—H. Brown—*Last Fastener.*



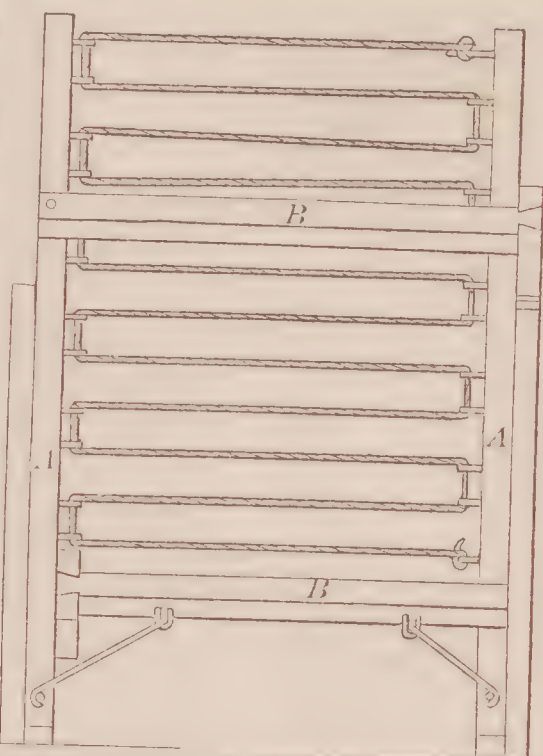


84683—E. B. Dewey—*Lever Grapnel.*84685—W. R. Evans—*Magazine Gun.*84688—P. G. Gardiner—*Car Spring.*84686—H. S. Firman—*For Deodorizing, Desiccating and Mixing Manures.*84687—J. P. & J. E. Force—*Horse Collar Fastening.*84689—E. P. Gleason—*Gas Lighting Device.*84690—W. C. Griswold—*For Stretching Hat Bodies.*84691—Stoll & Gross—*Manure Hook.*84692—W. H. Halleck—*For Trenching around Plants.*

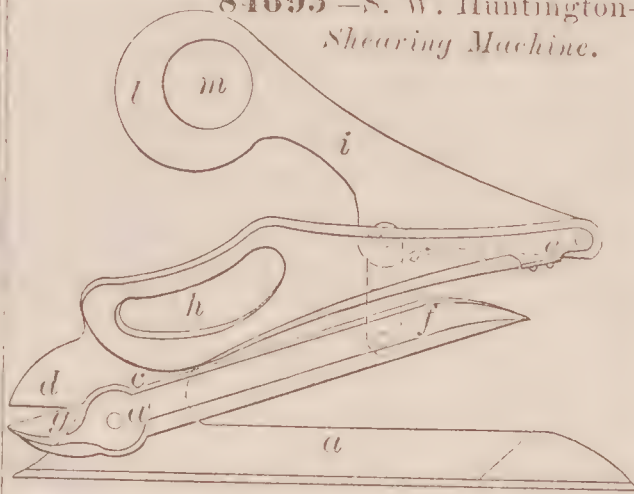
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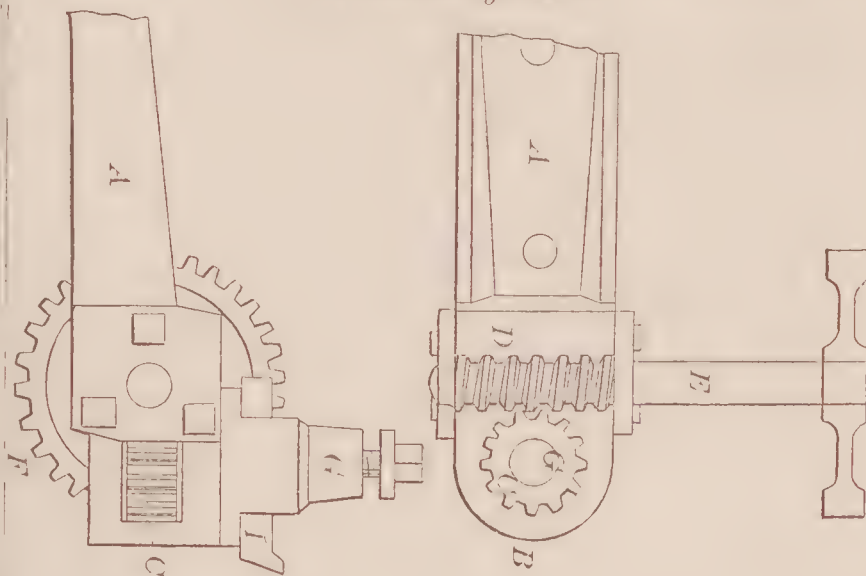
84694—I. Hogeland—*Clothes Rack.*



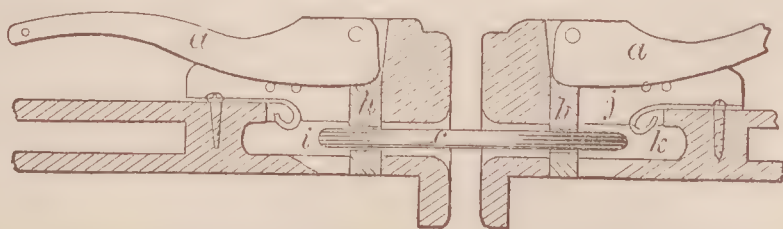
84695—S. W. Huntington—*Shearing Machine.*



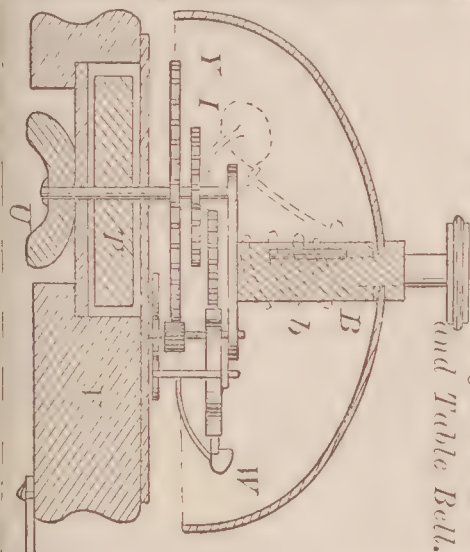
84697—J. O. Joyce—*For Cutting out Sections of Annular Cylinders.*



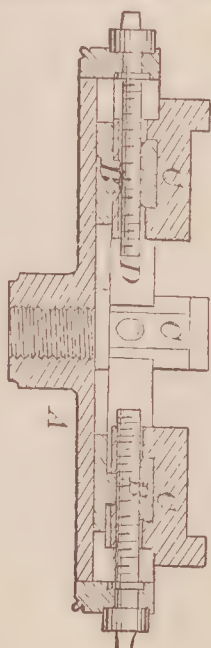
84700—C. Köhler—*Car Coupling.*



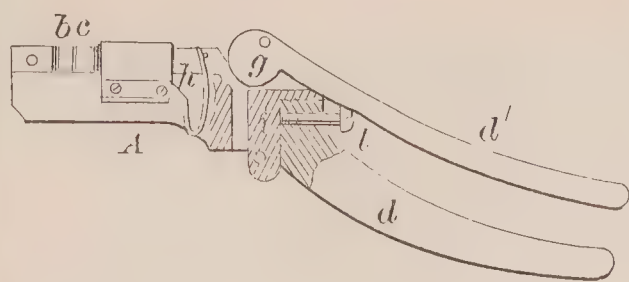
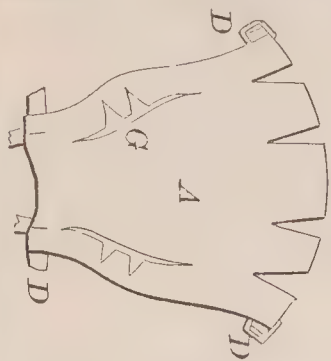
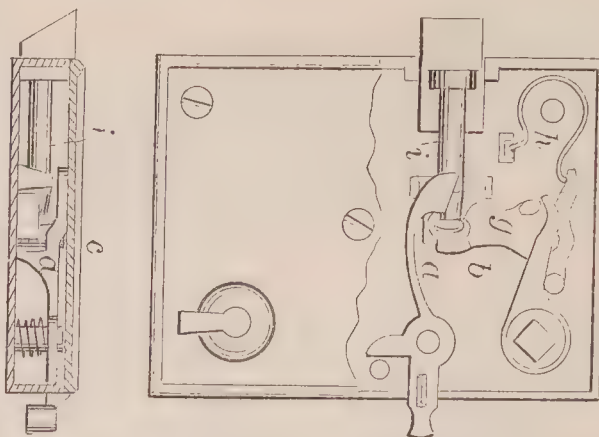
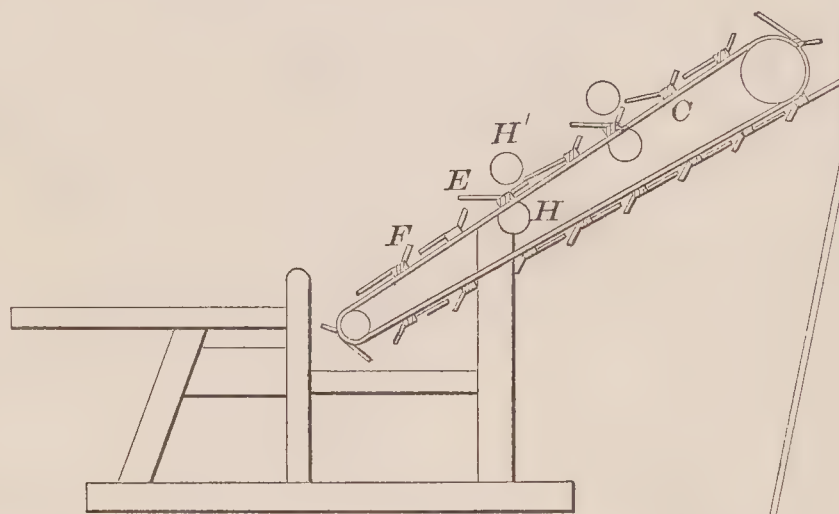
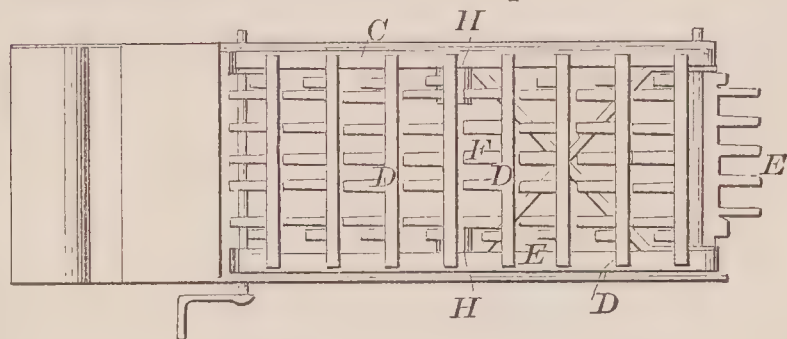
84696—A. Iske—*Burglar Alarm and Table Bell.*



84698—A. Judson—*Lathe Chuck.*

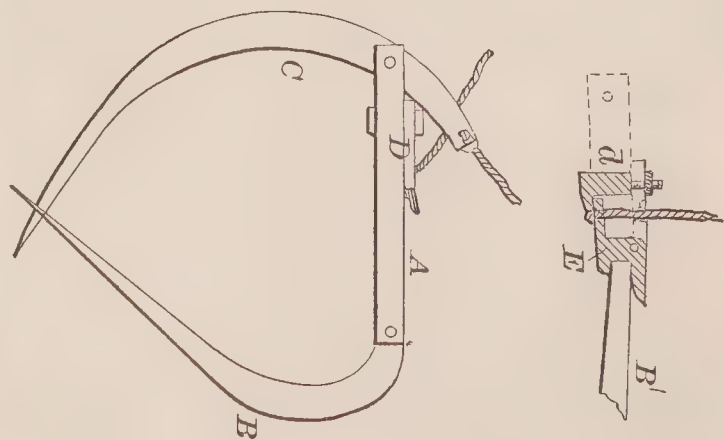
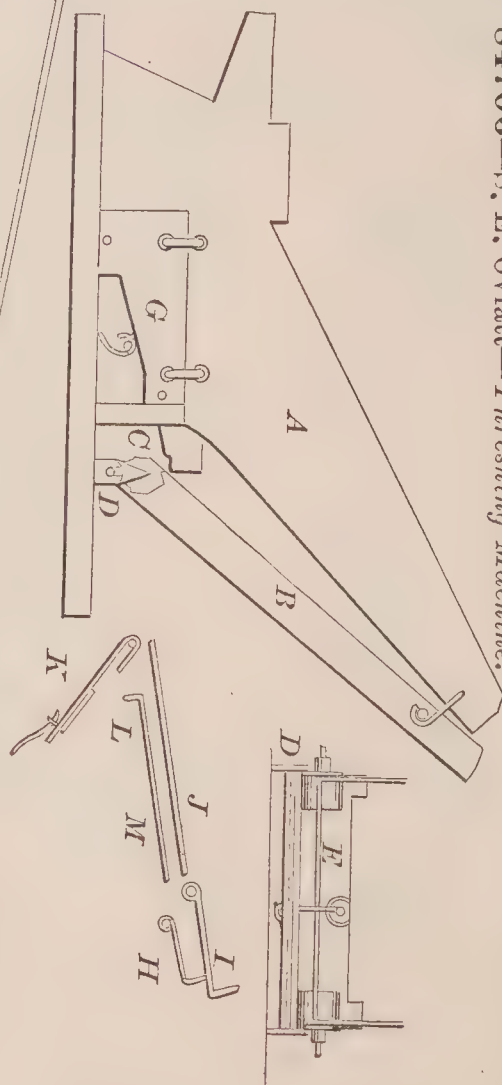




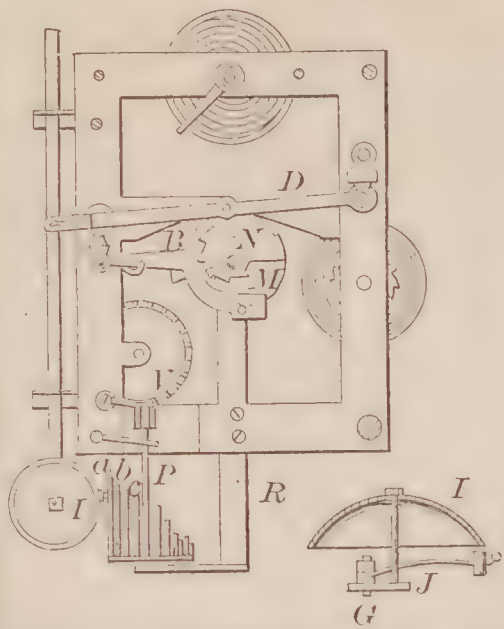
84701—G. W. Lewis—*Bolt Trimmer.*84704—W. T. Munger—*Latch.*84703—M. A. Moore—*Child's Diaper.*84705—S. E. Oviatt—*Grain Separator.*84707—Peabody & Delaney—*Advertising Device.*

Household Goods  
Groceries  
Hardware

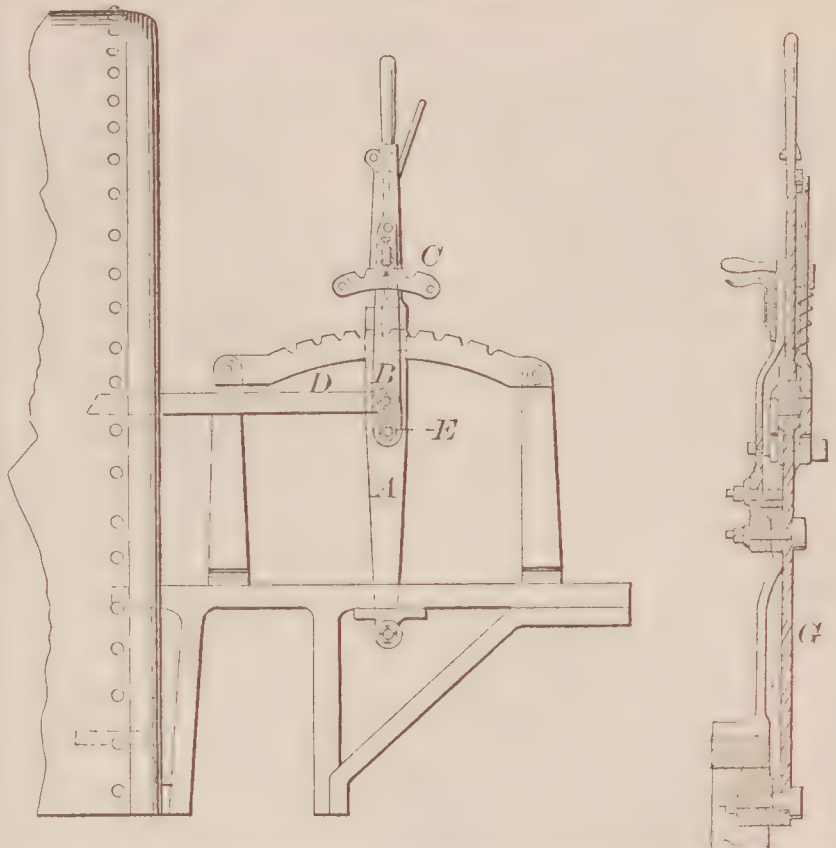
William & Co.

84708—C. W. Reed—*Horse Hay Fork.*84706—S. E. Oviatt—*Threshing Machine.*

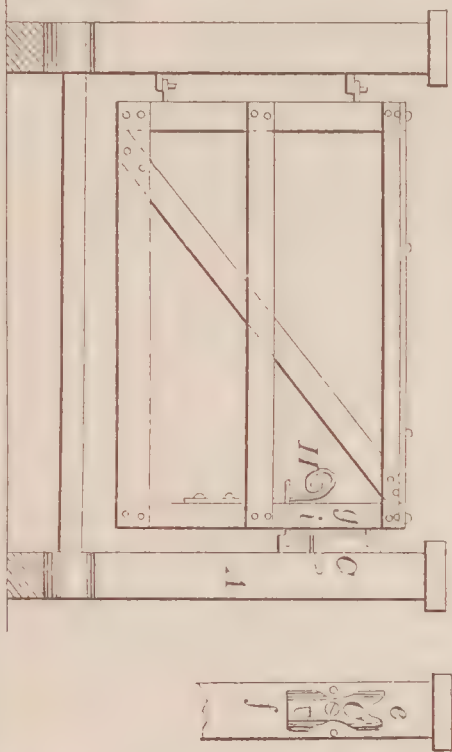
84709—C. W. Roberts—*Clock*.



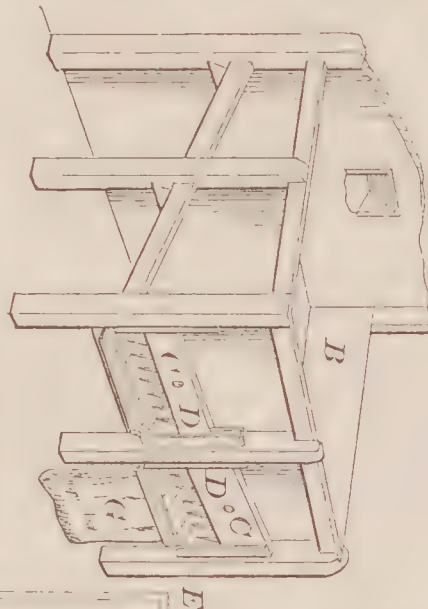
84710—W. A. Robinson—*Steam Graduator*.



84711—J. C. Rogers—*Gate Latch*.



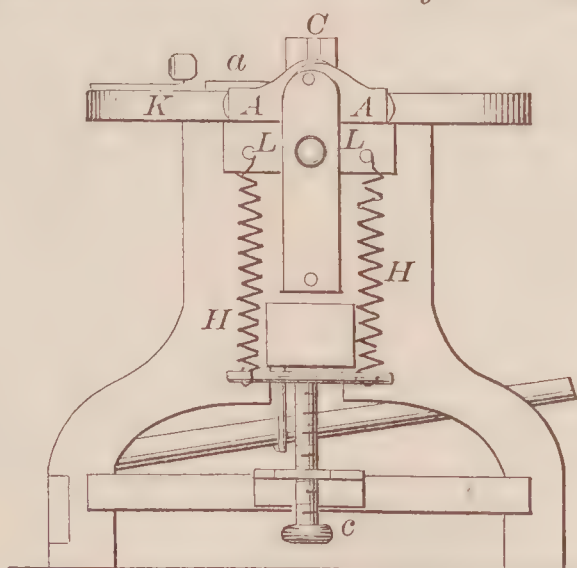
84713—E. Seely—*For Sucking Potatoes*.



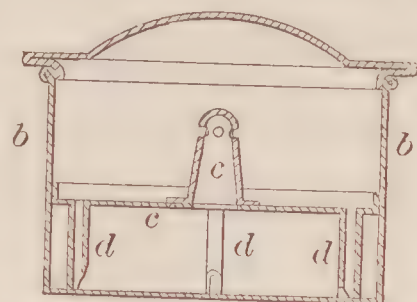
84712—Dorchester & Scott—*Hog Fork*.



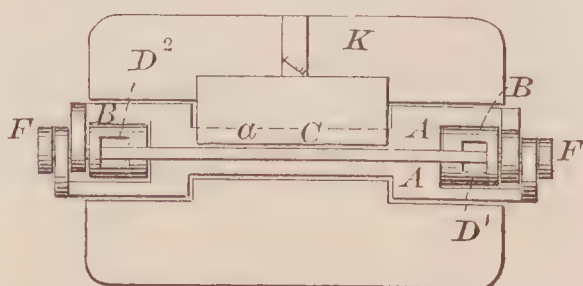
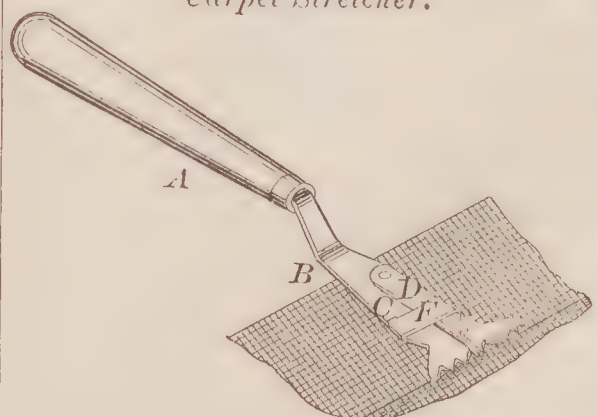
84714—A. Shepard—*For Bending Sheet Metal*.



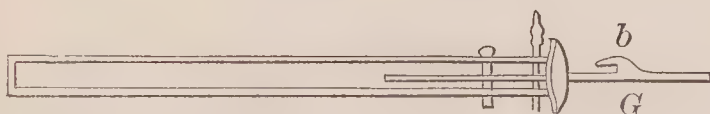
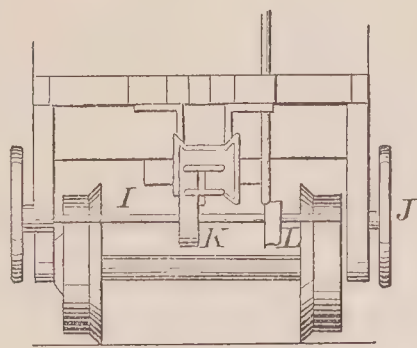
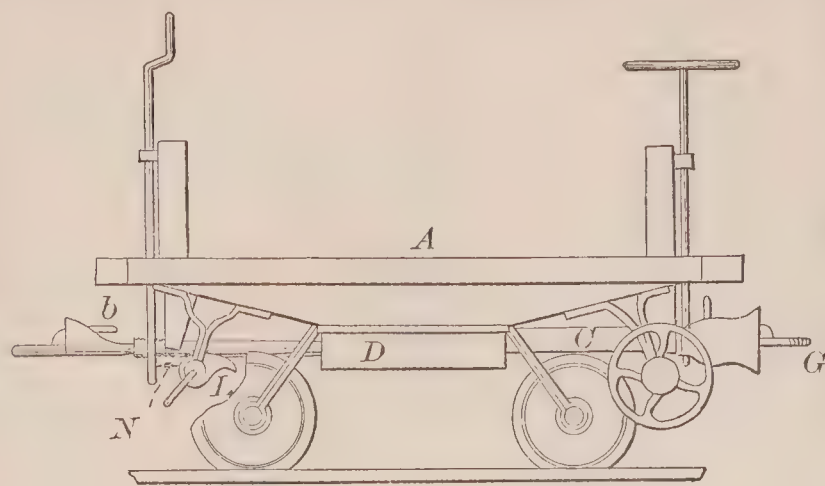
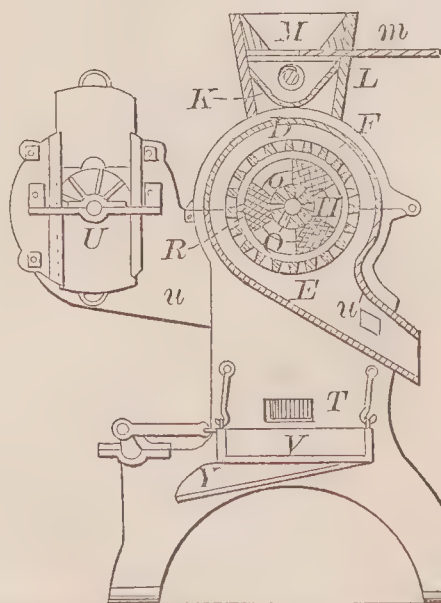
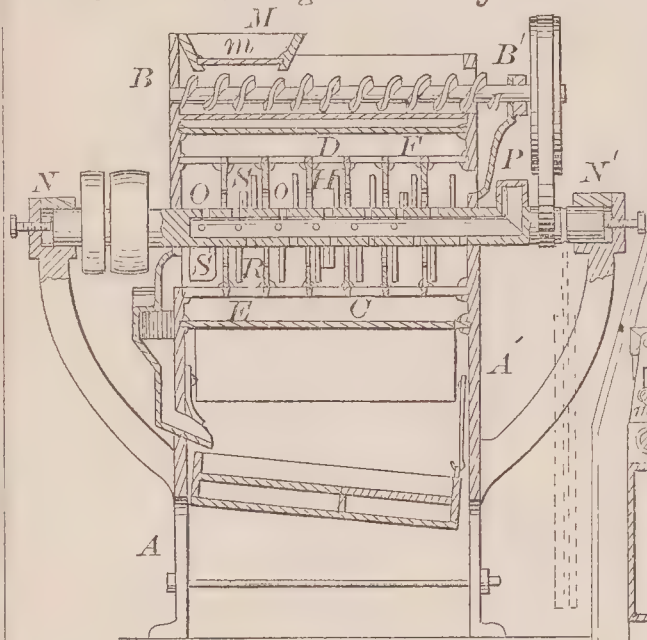
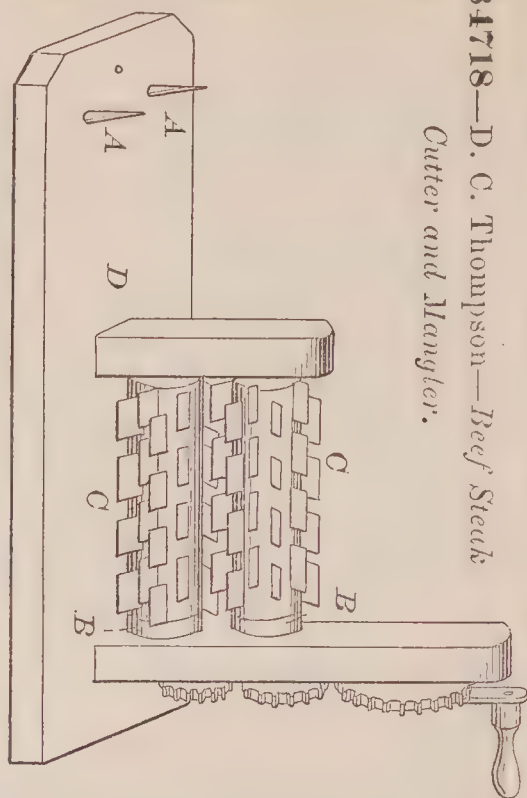
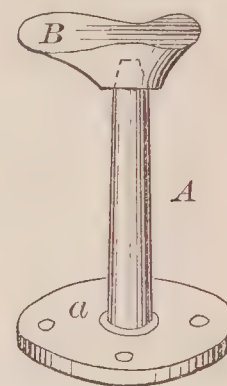
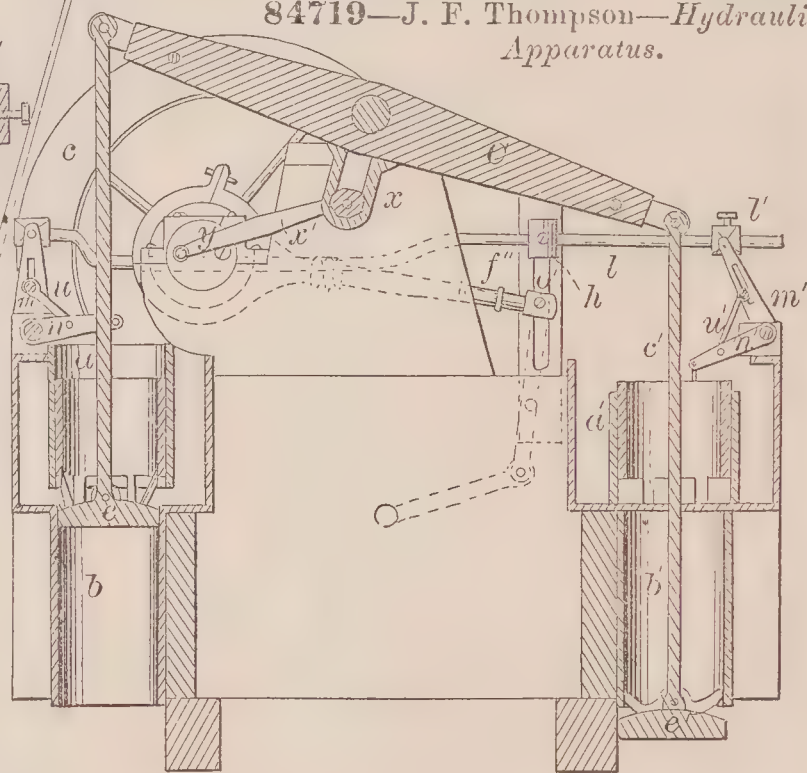
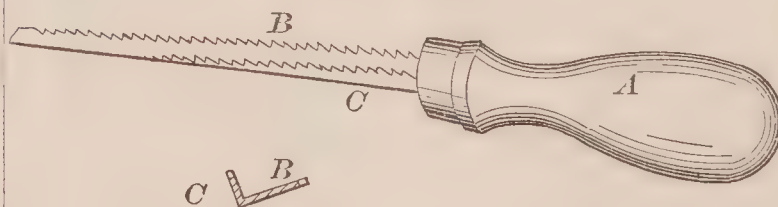
84715—M. W. Staples—*Wash Boiler*.



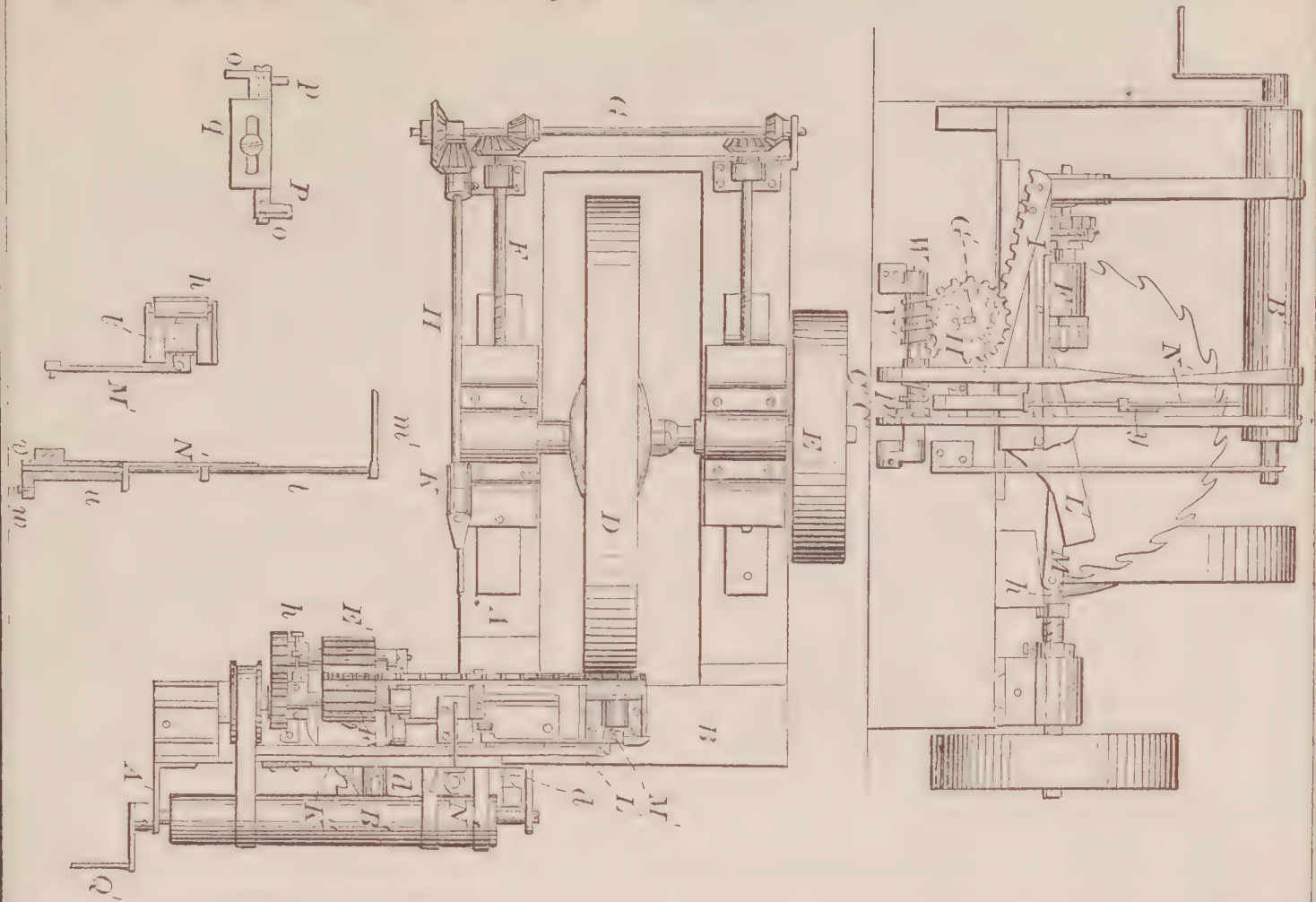
84717—J. E. Sturdy—*Tack Holder and Carpet Stretcher*.



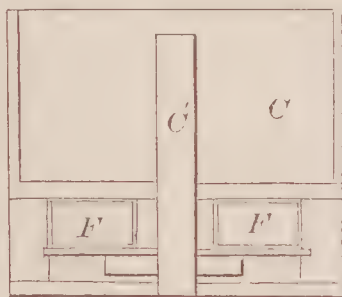
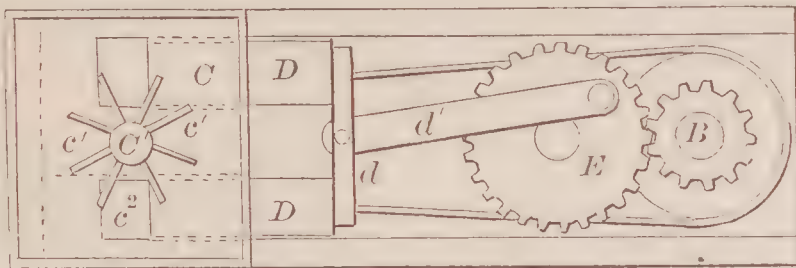


84716—O. S. St. John—*Car Coupling.*84723—W. Wright—*Horn and Smut Mill.*84718—D. C. Thompson—*Beef Steak  
Cutter and Mangle.*84720—G. G. Townsend—*Last.*84719—J. F. Thompson—*Hydraulic  
Apparatus.*84722—J. L. Warren—*Saw.*

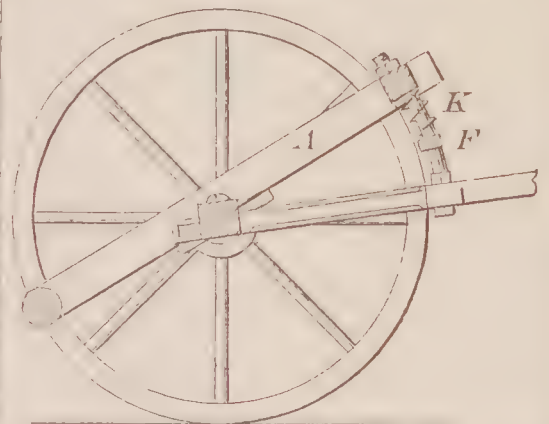
84721—S. D. Tucker—*For Grinding Circular Saws.*



84724—Ballard & Bond—*Brick Machine.*



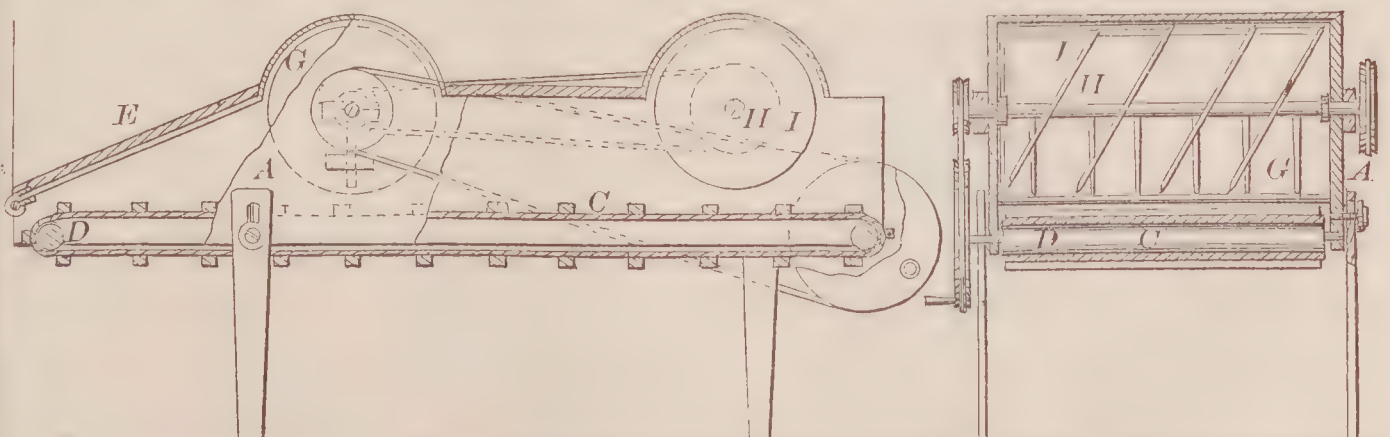
84725—A. B. Barnard—*Hay Spreader.*



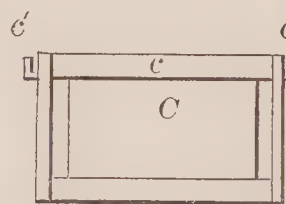
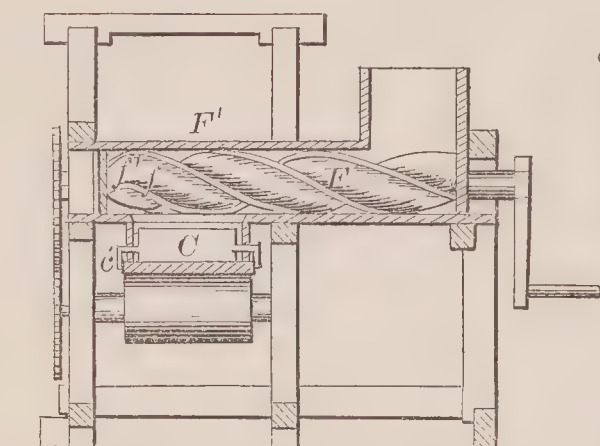
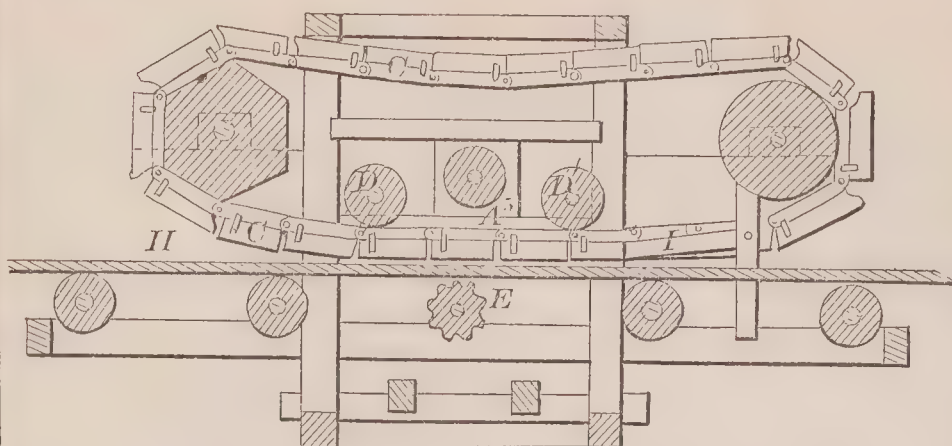
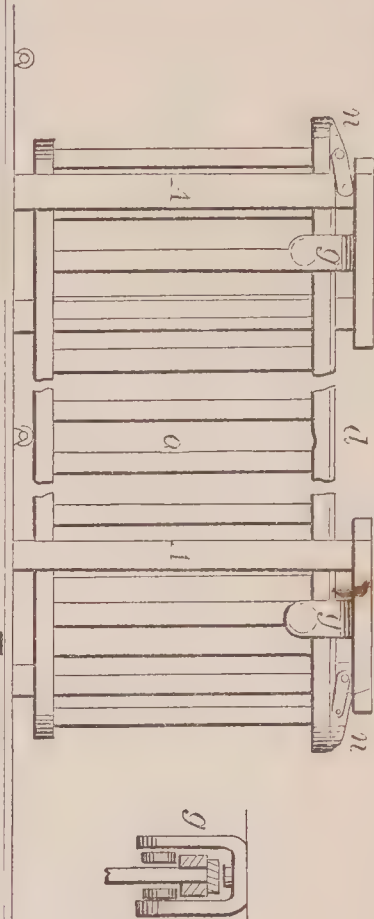
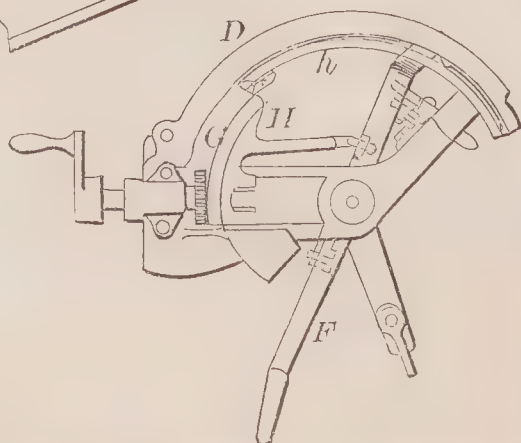
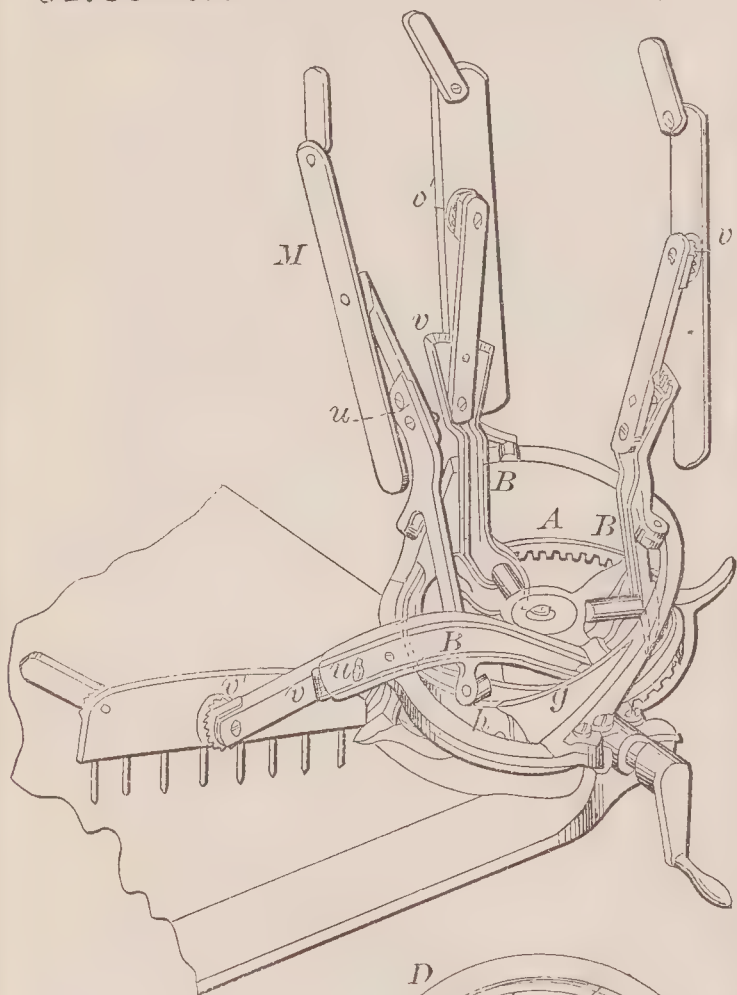
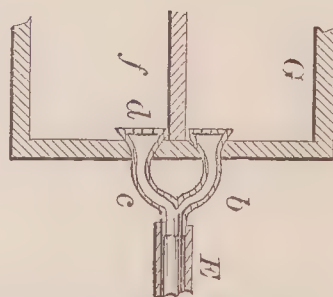
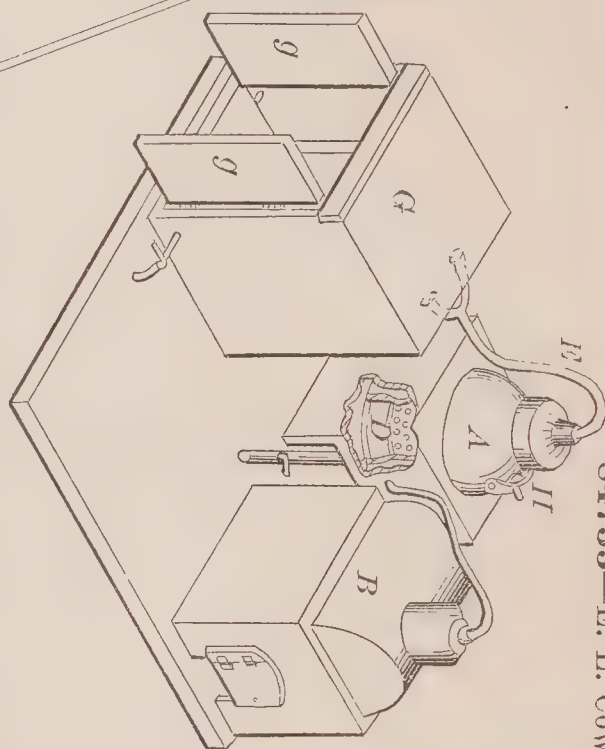
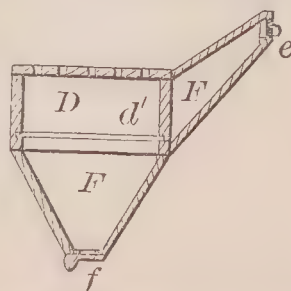
84728—J. Bongardt—*Process and Composition for Printing the Grain of Wood.*



84726—Biggs, Butler & Granger—*Band Cutter and Threshing Machine Feeder.*

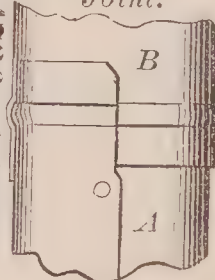




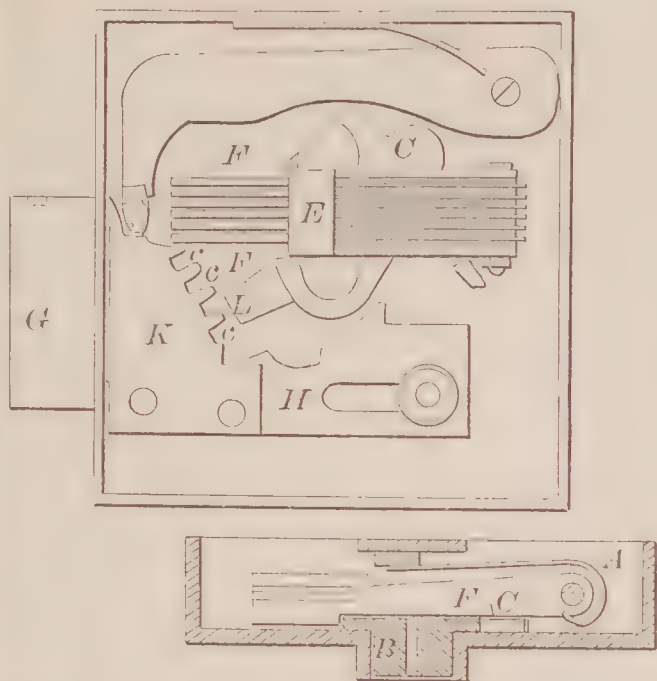
84727—E. S. Bitner—*Brick Machine.*84729—E. & A. Buckman—*Gate.*84730—O. H. Burdick—*Harvester Rake.*84733—E. L. Cowling—*Preserving Wood.*84735—A. Davidsohn—*Railroad Car Heater.*

Stove Pipe Joint.

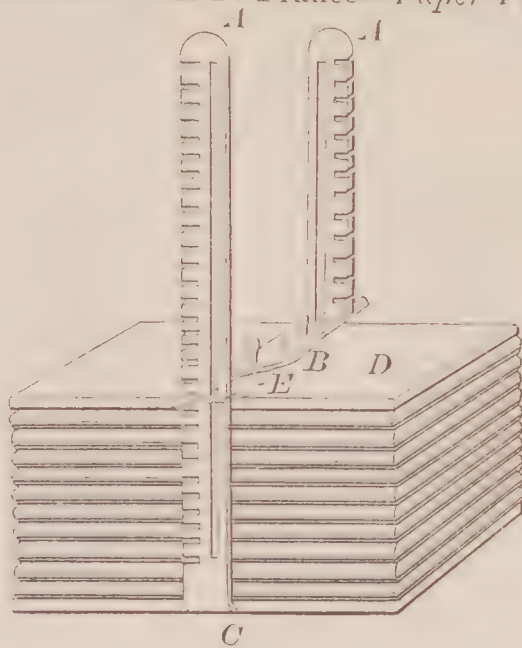
84736—J. Paint—



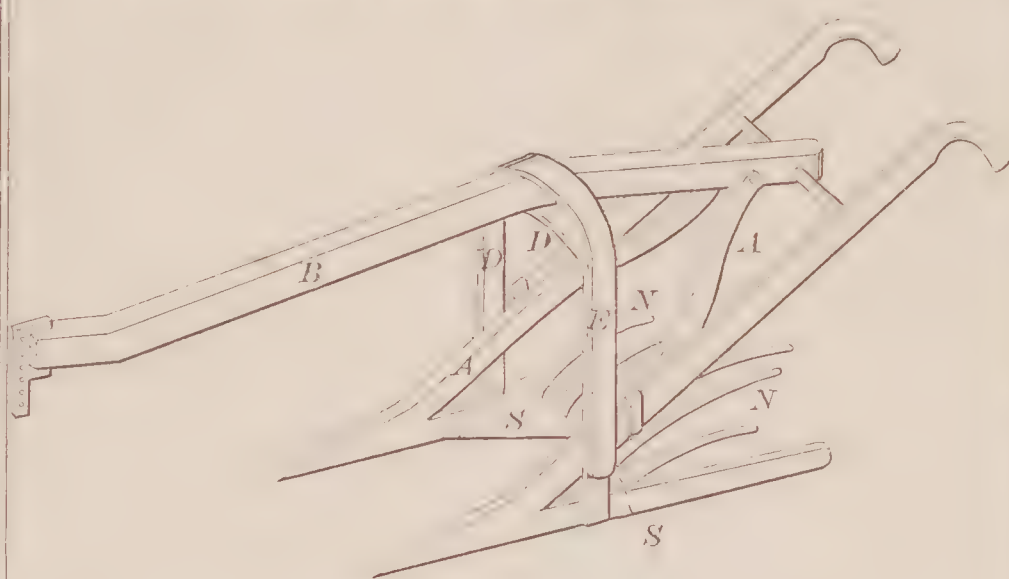
84737—Fleischel & Bussey—*Door Lock.*



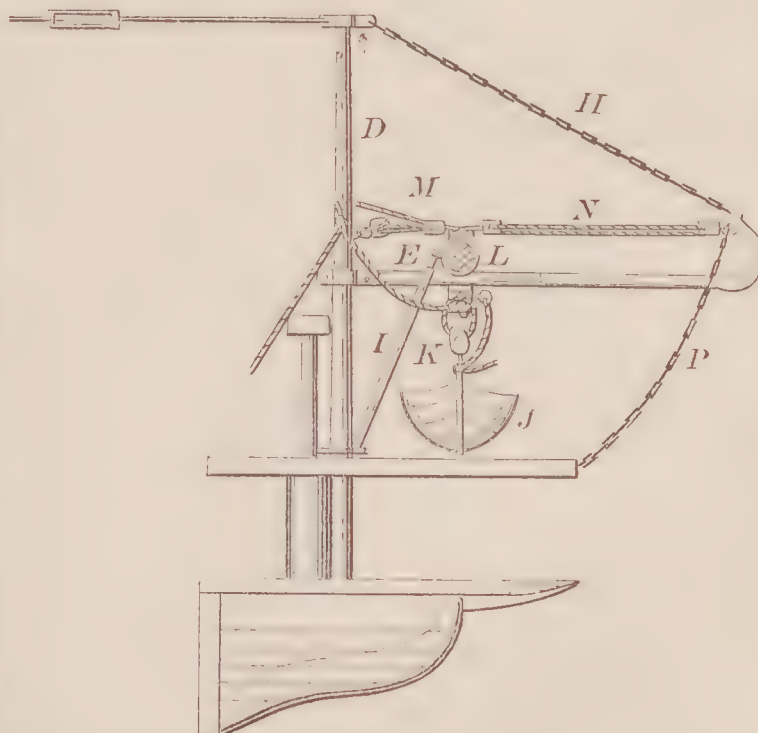
84738—J. M. D. France—*Paper File.*



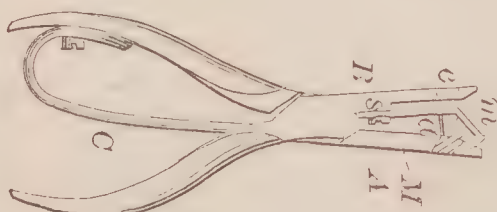
84741—Giles & Ferry—*Potato Digger.*



84742—Gill & Woods—*Ship's Davit.*



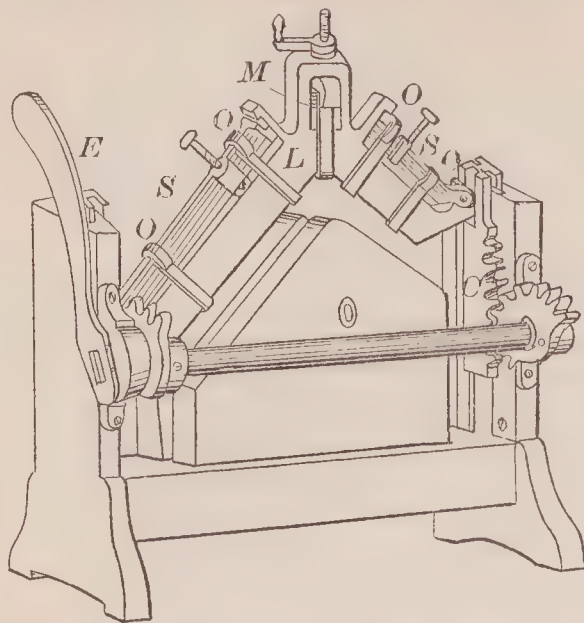
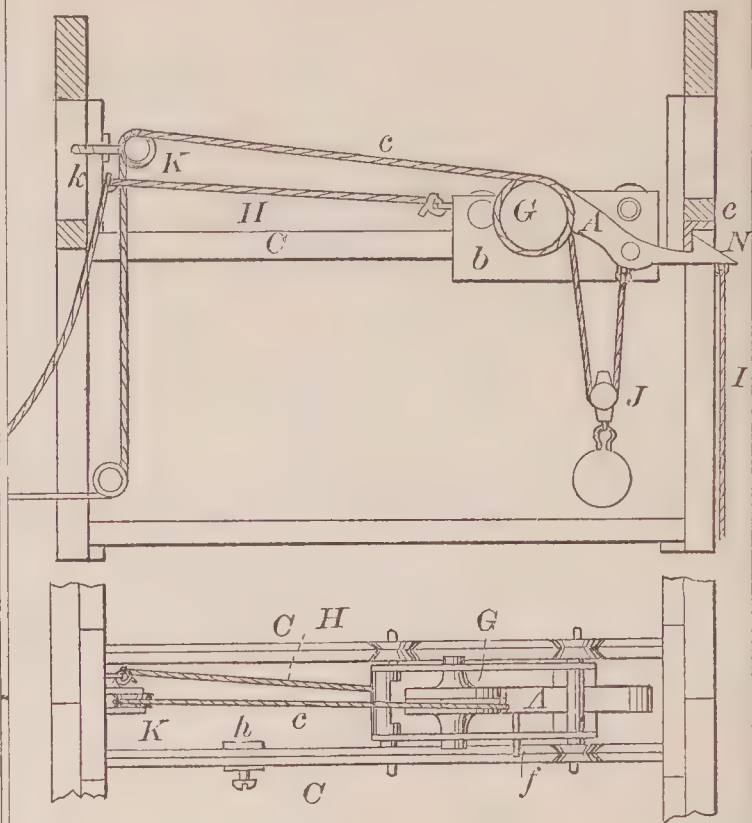
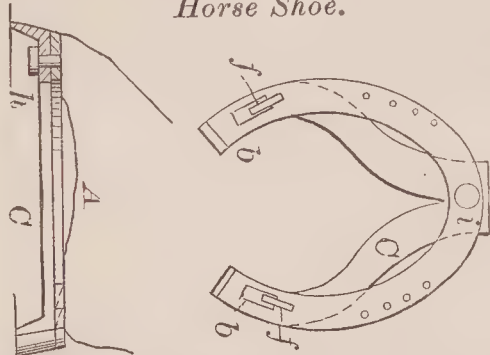
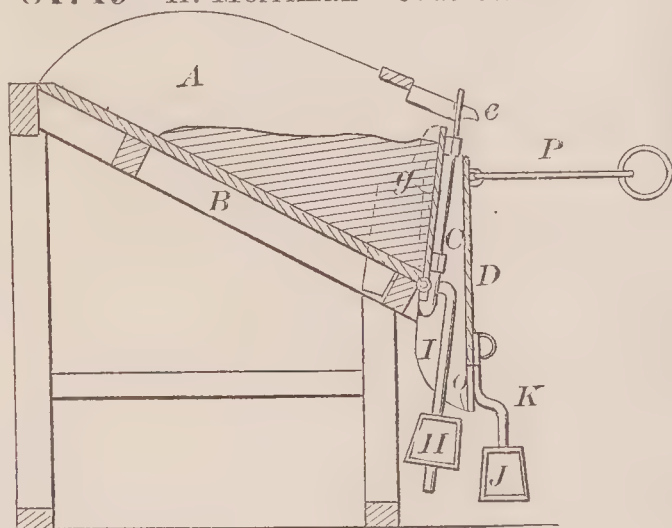
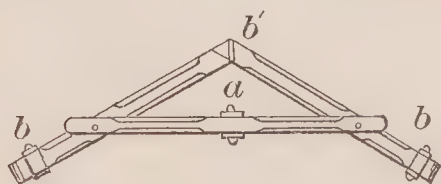
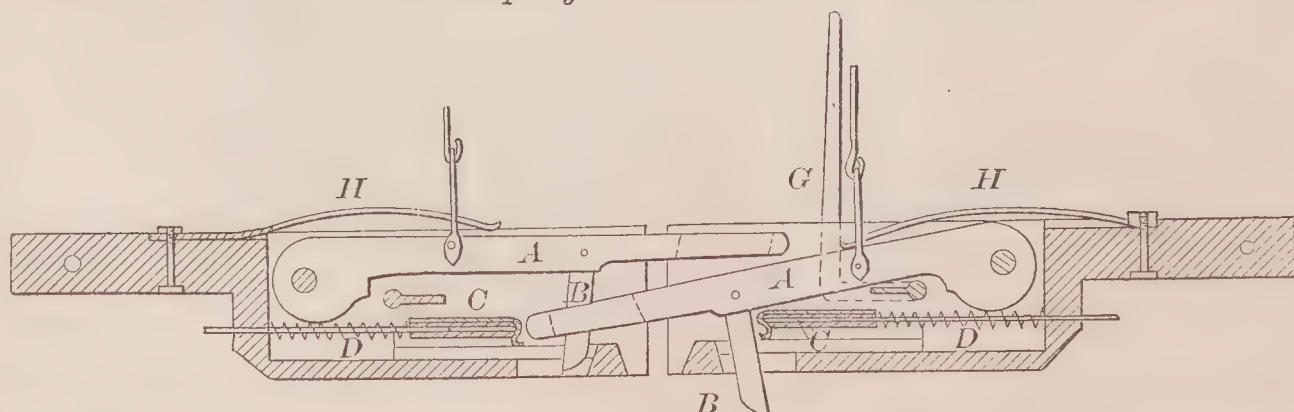
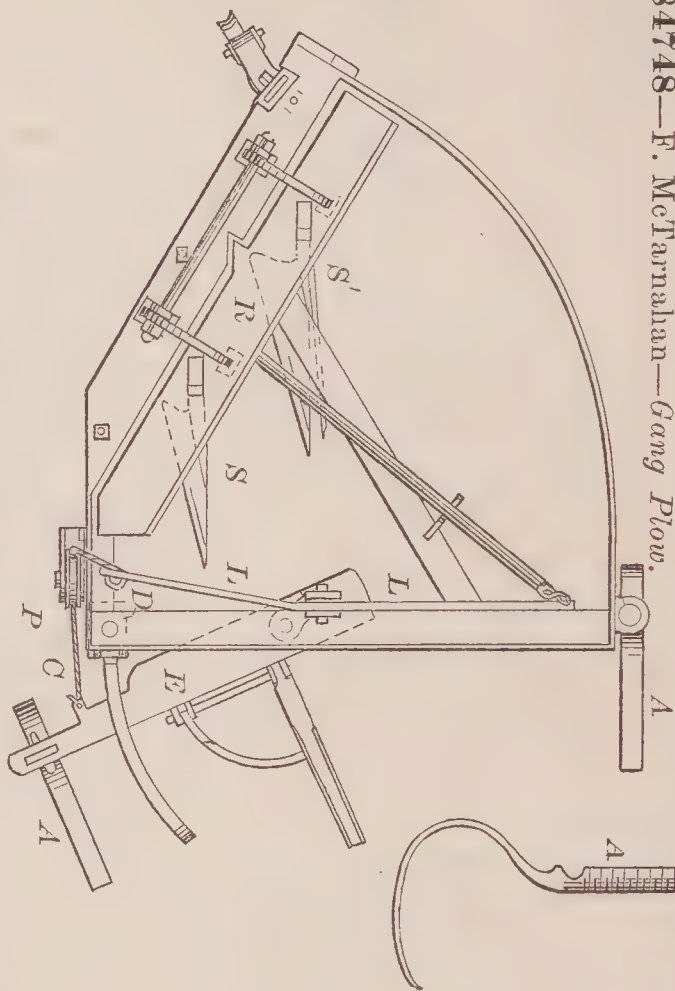
84739—J. & G. D. Friese—*Punch.*



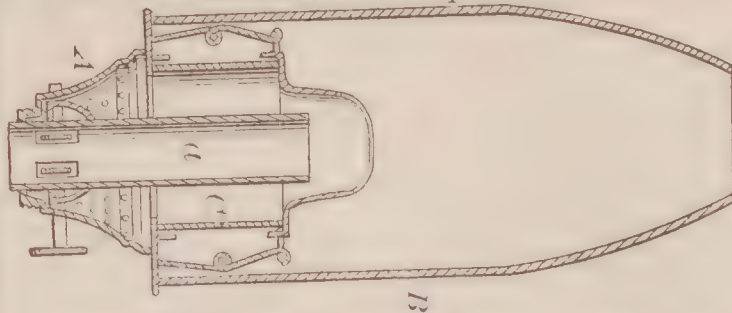
84740—A. J. Gibson—*Heating and Lighting Apparatus on Railway Cars.*



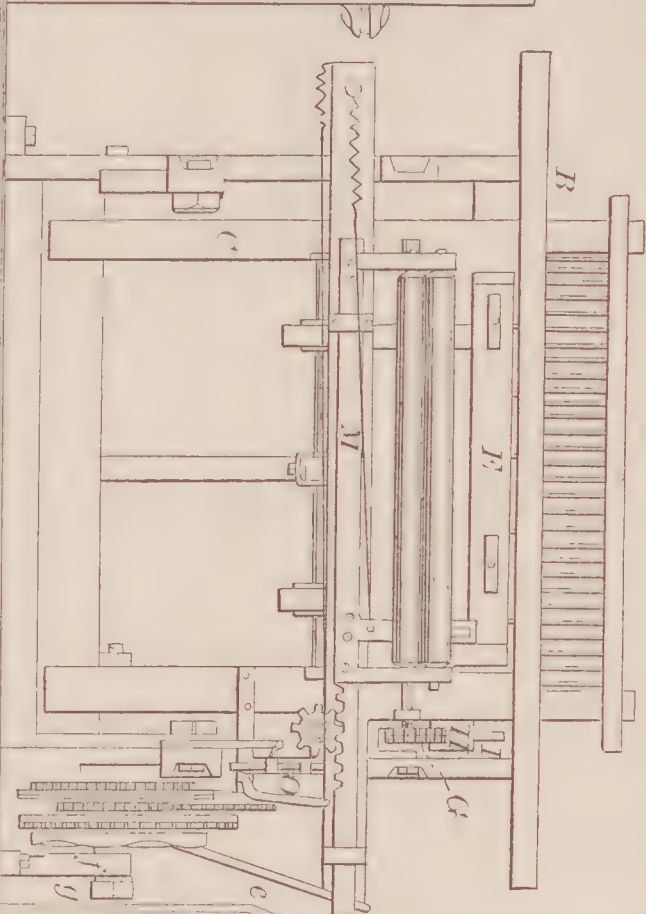
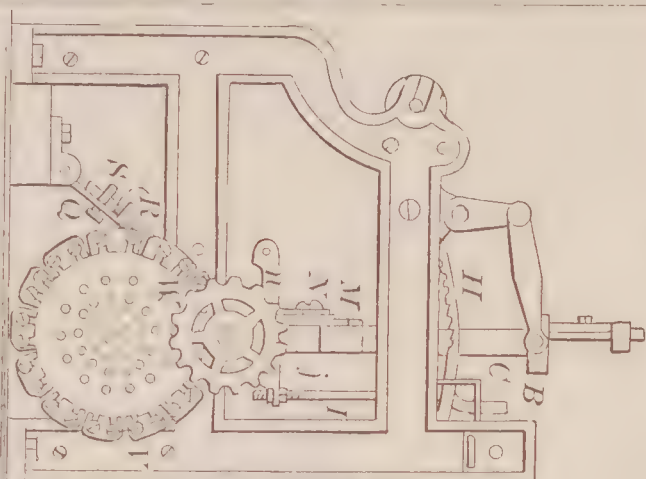


84743—W. B. Gleason—*Boot Crimper.*84744—J. E. Hollister—*Elevator.*84745—Jameson & Chamberlain—*Horse Shoe.*84749—H. Merriman—*Coal Chute.*84750—L. E. Morey—*Plow Attachment.*84747—C. McInturff—*Car Coupling.*84748—F. McTarnahan—*Gang Plow.*

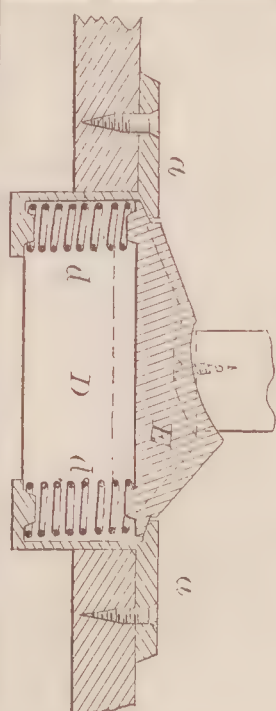
84752—G. Neilson—*Lamp Burner.*



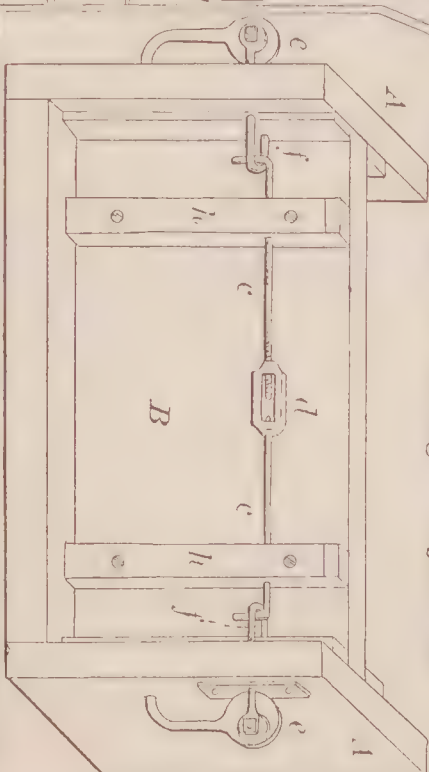
84753—F. W. Newton—*Loom.*



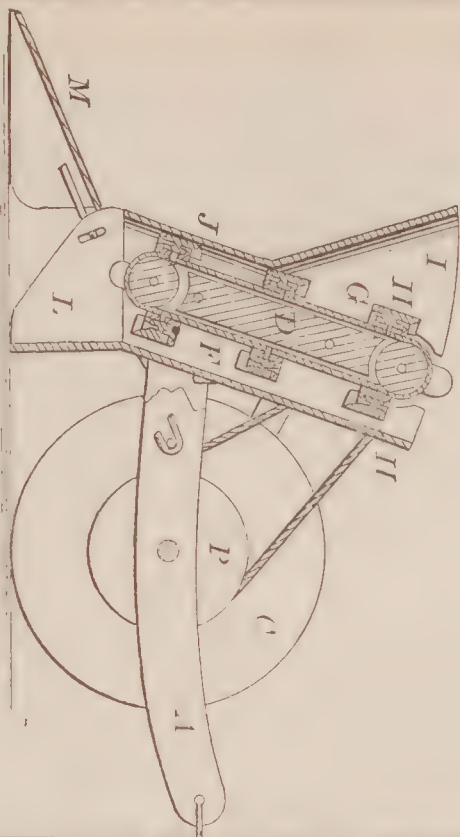
84756—Perry & Billings—*Door Retainer.*



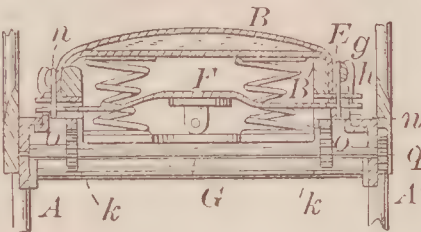
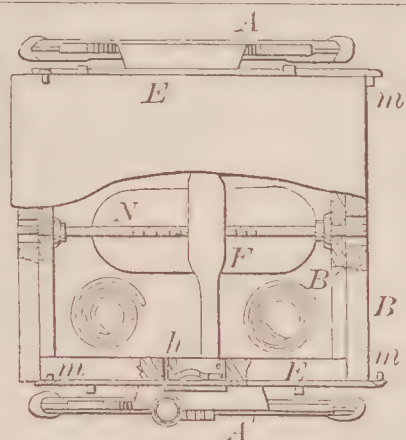
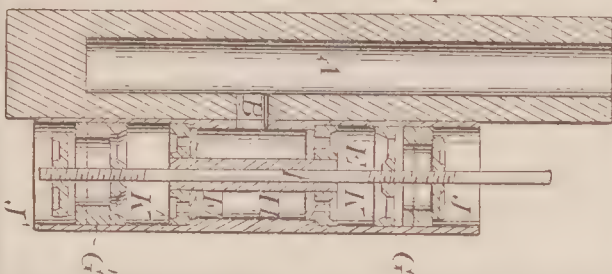
84757—H. W. Persing—*Wagon Box.*



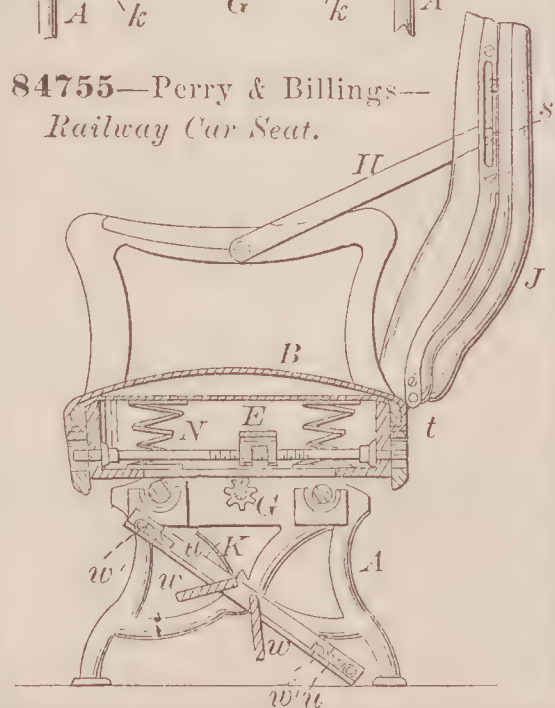
84751—J. Musgrave—*Seed Planter.*



84754—A. Palmer—*Pump.*

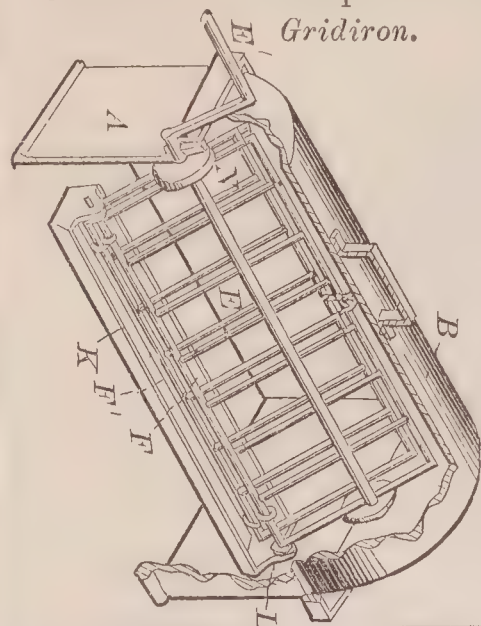


84755—Perry & Billings—*Railway Car Seat.*

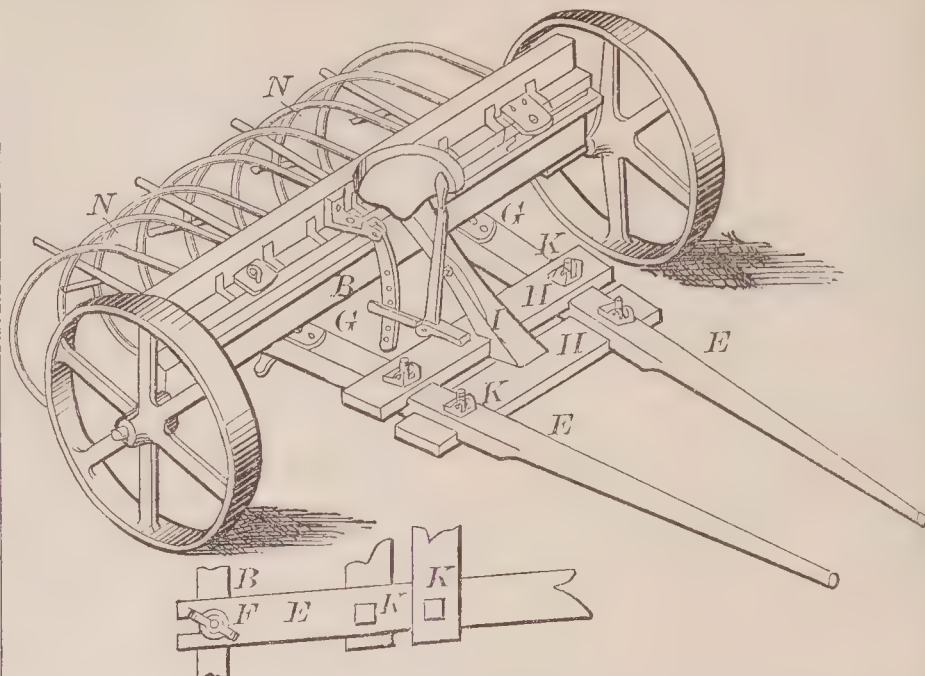




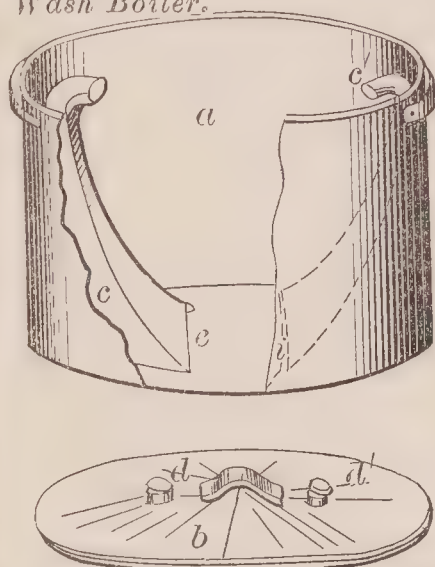
84758—E. B. Phelps—*Gridiron.*



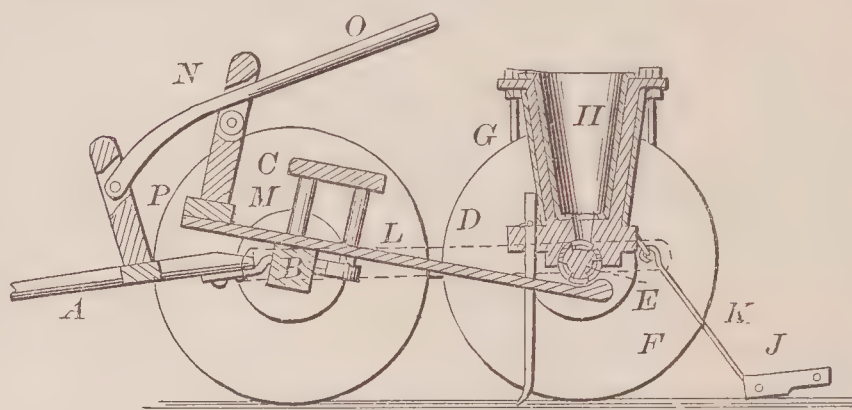
84760—A. R. Reese—*Horse Rake.*



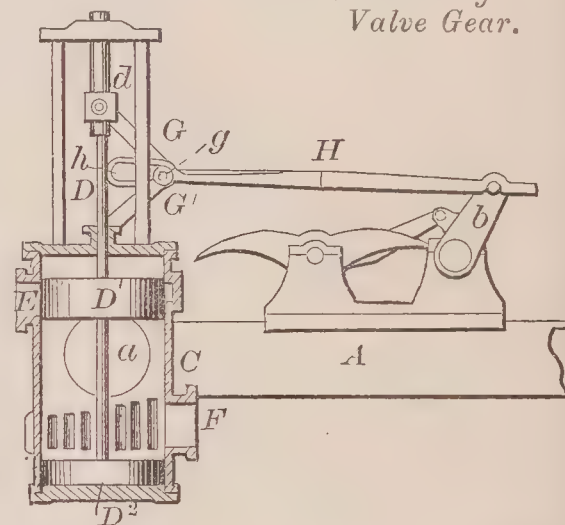
84759—D. A. Porterfield—*Wash Boiler.*



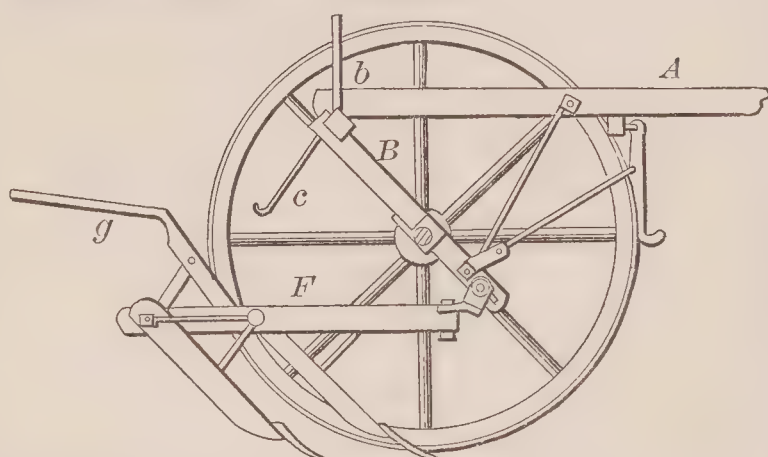
84762—I. Rexford—*Seed Planter.*



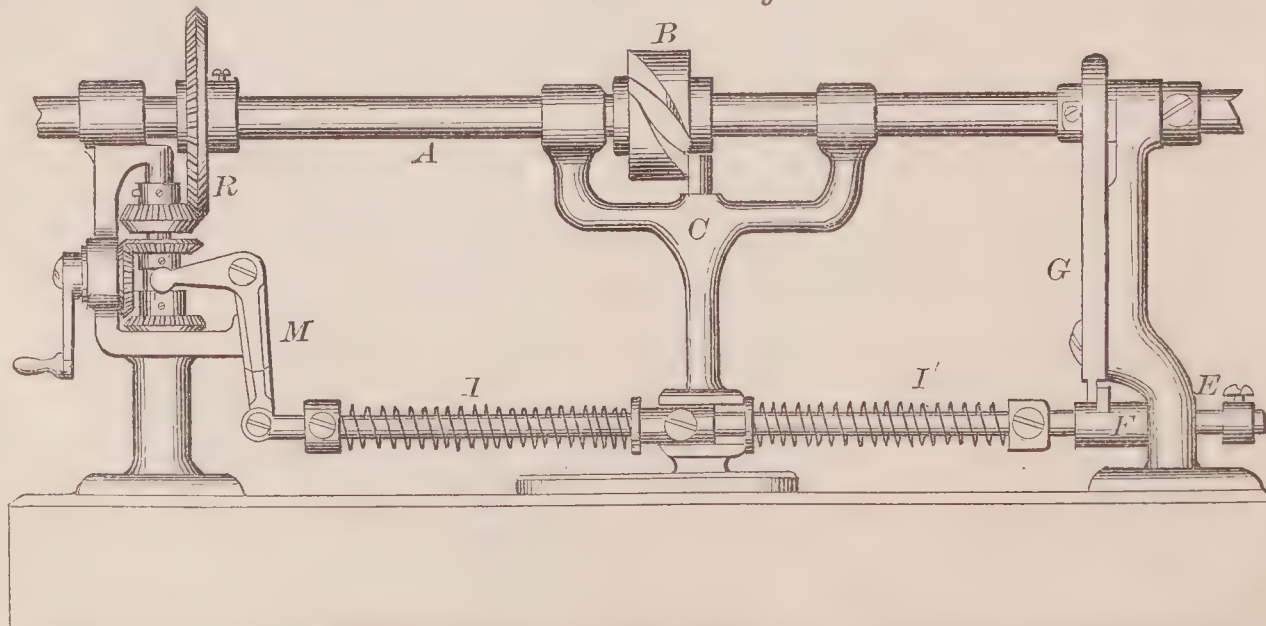
84761—H. Reid—*Steam Engine Valve Gear.*



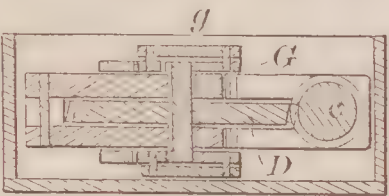
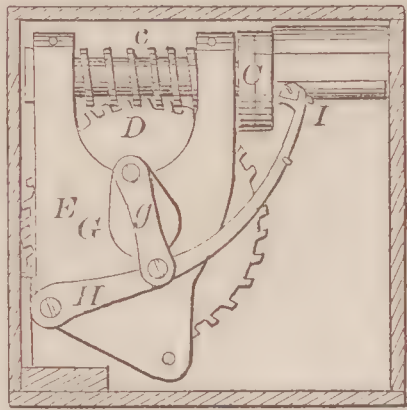
84763—Rhinehart & Gaston—*Corn Plow.*



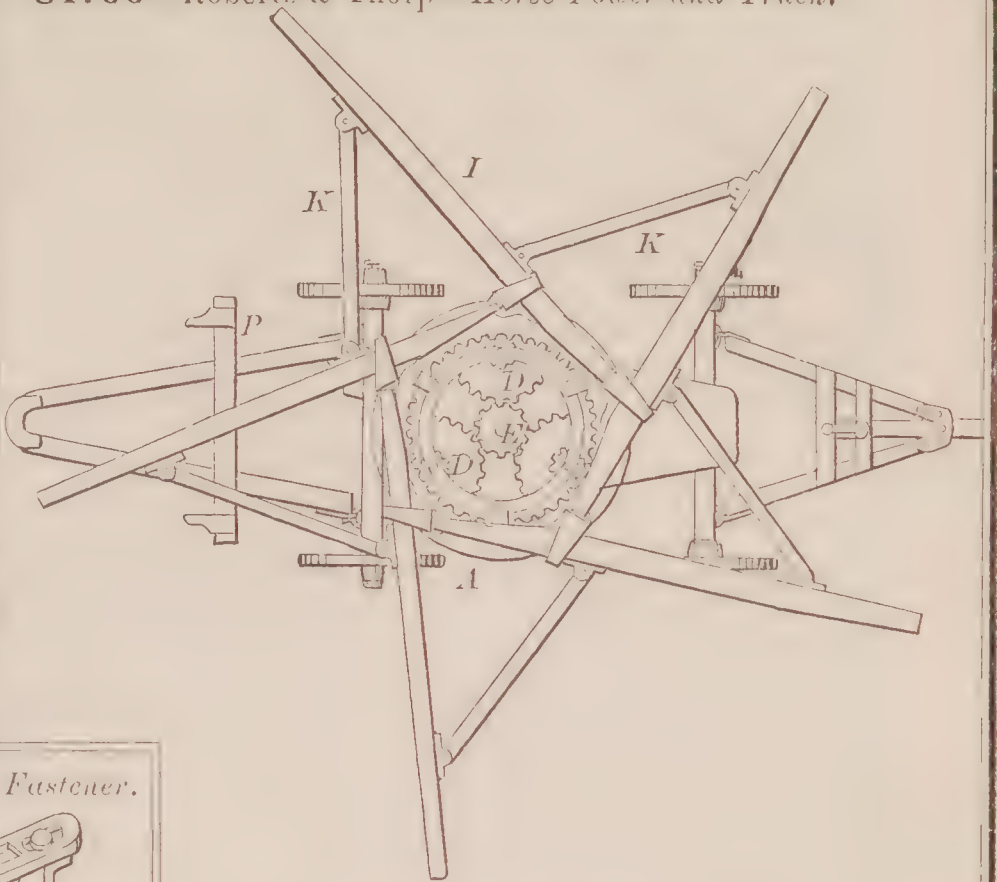
84764—G. Richardson—*Reverse Motion for Winding on Bobbins.*



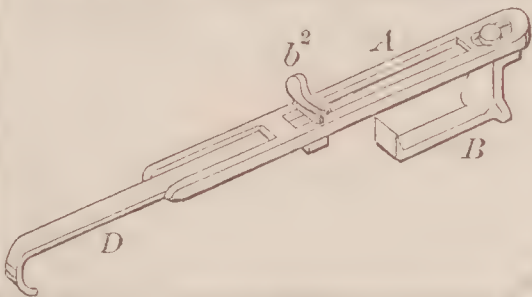
84765—C. M. Reid—*Journal Lubricator.*



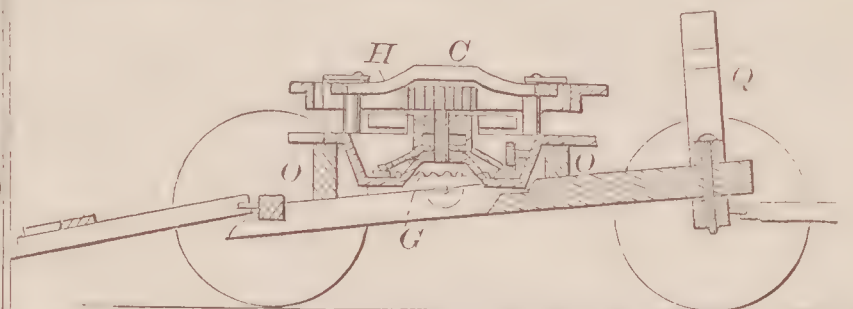
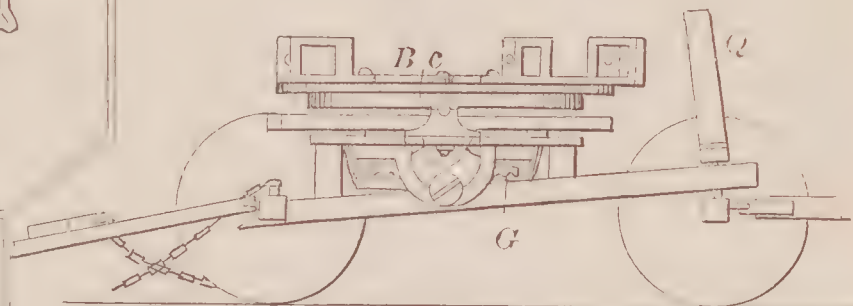
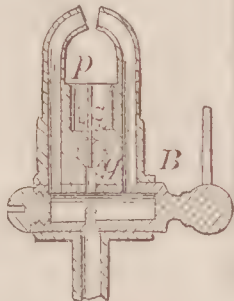
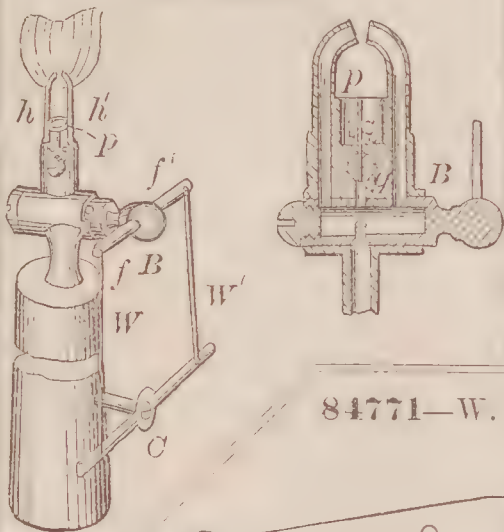
84766—Roberts & Thorp—*Horse Power and Truck.*



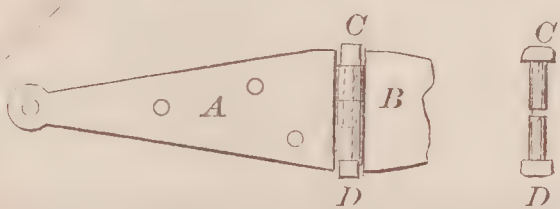
84767—W. J. Ross—*Door Fastener.*



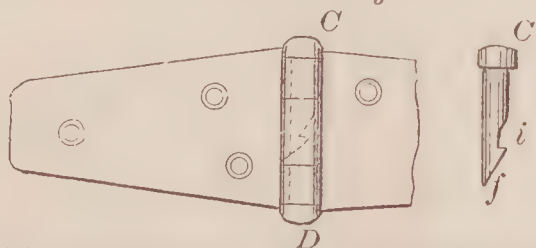
84768—E. P. Russell—*Gas Burner.*



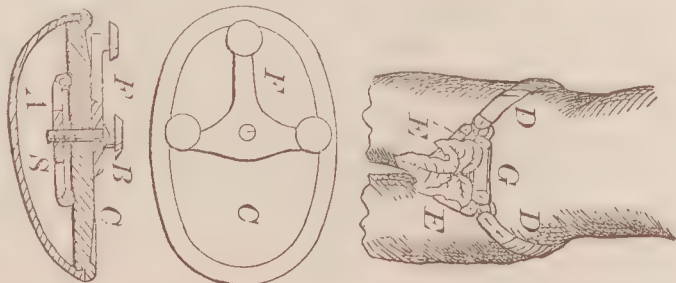
84771—W. Shannon—*Hinge.*



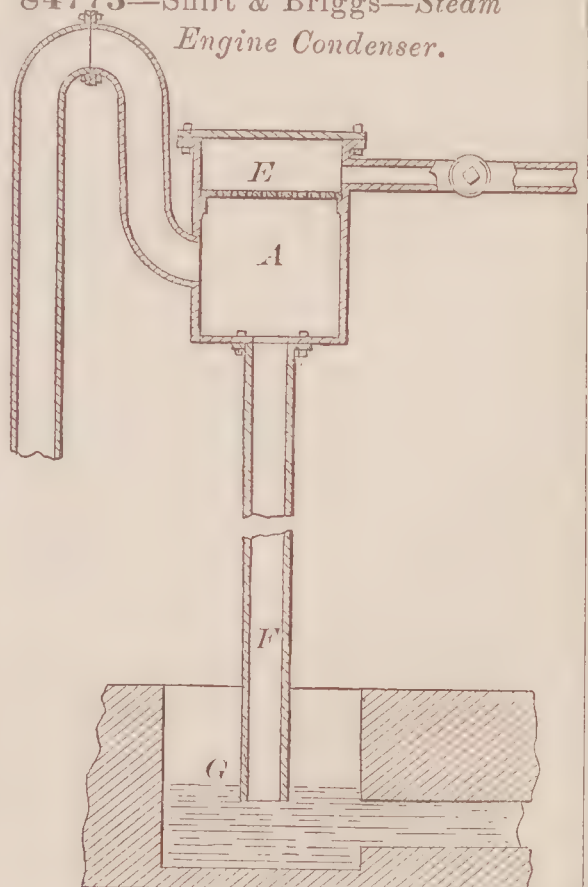
84772—W. Shannon—*Hinge.*



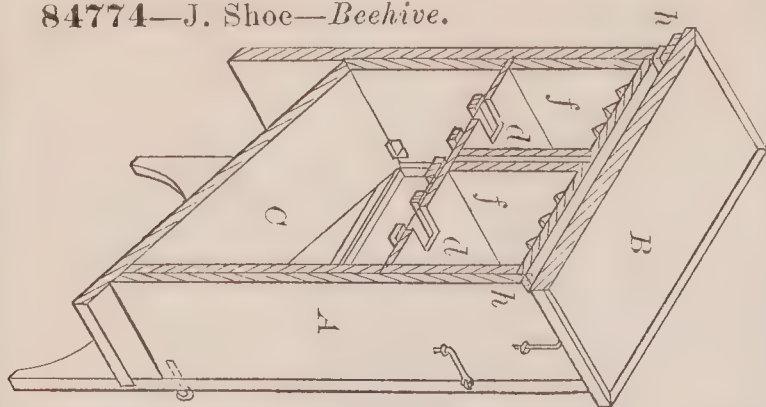
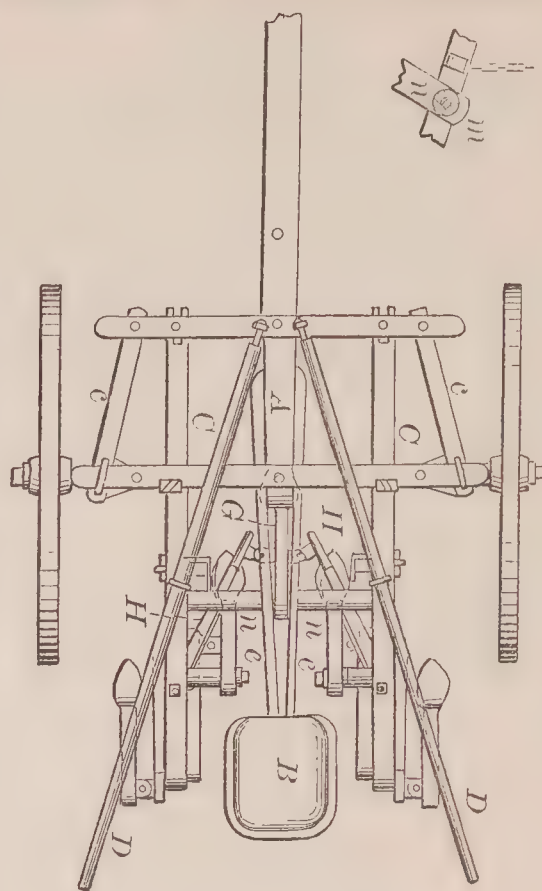
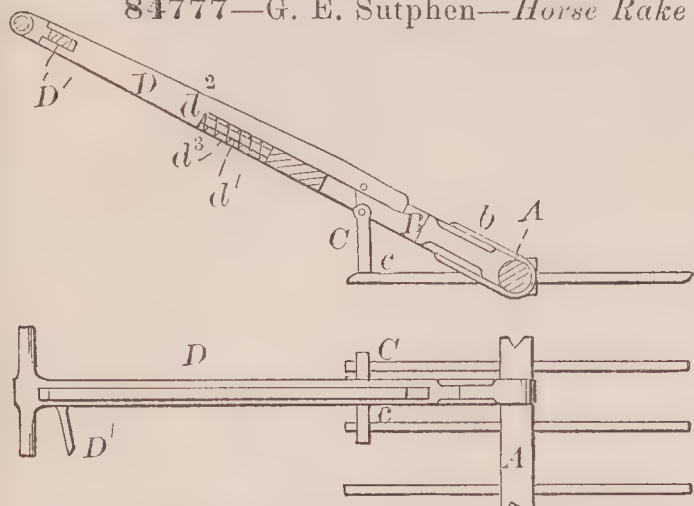
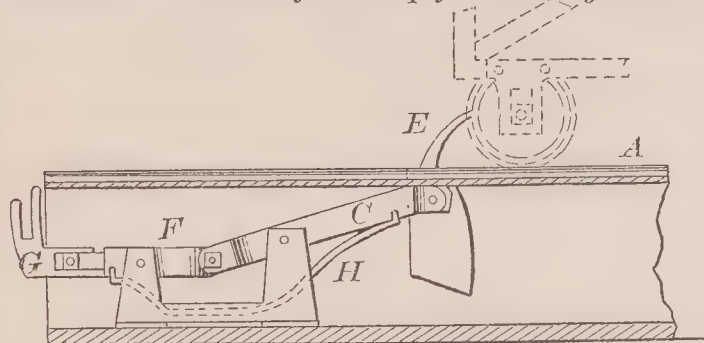
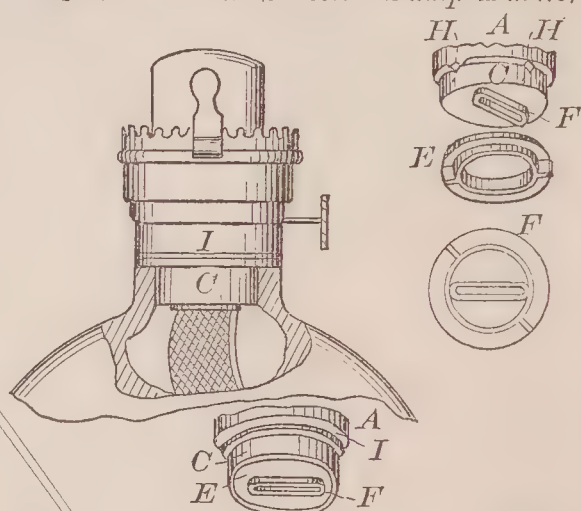
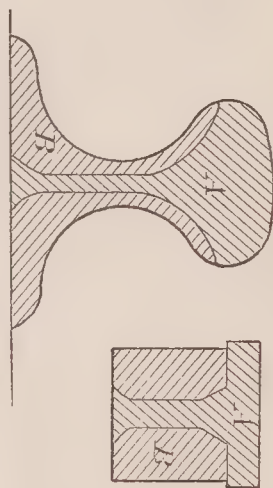
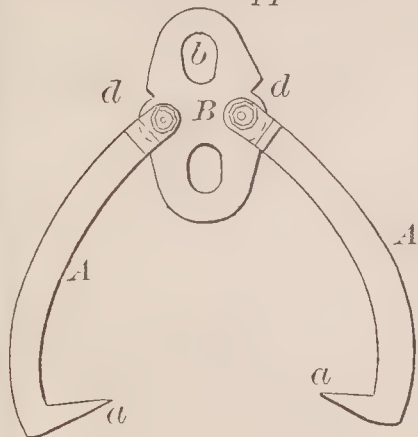
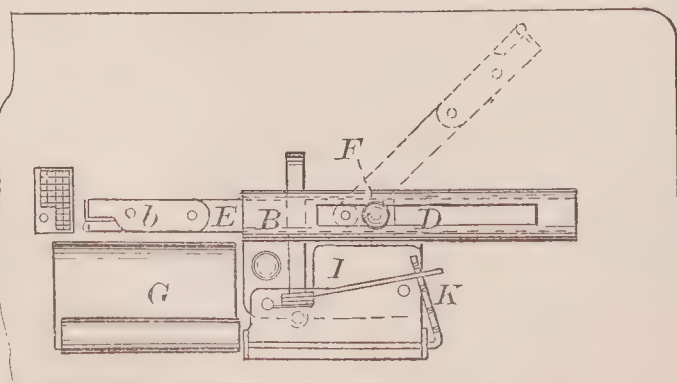
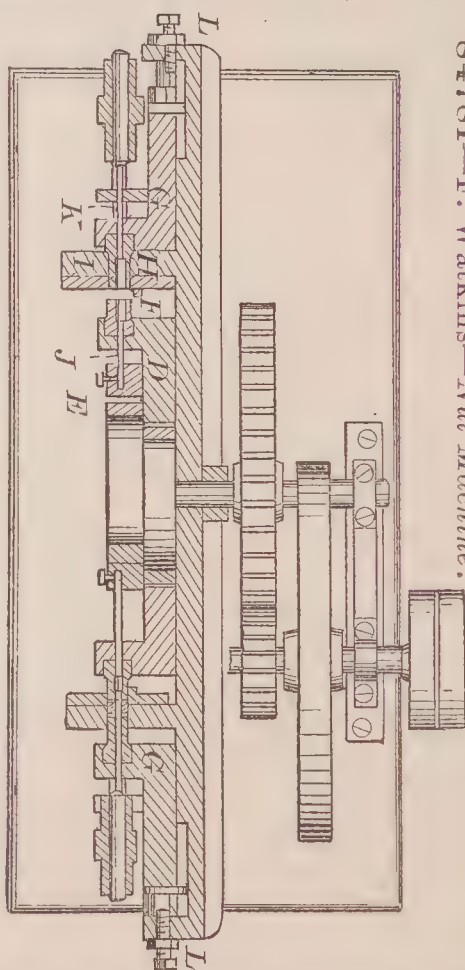
84769—W. Sanborn—*Truss.*



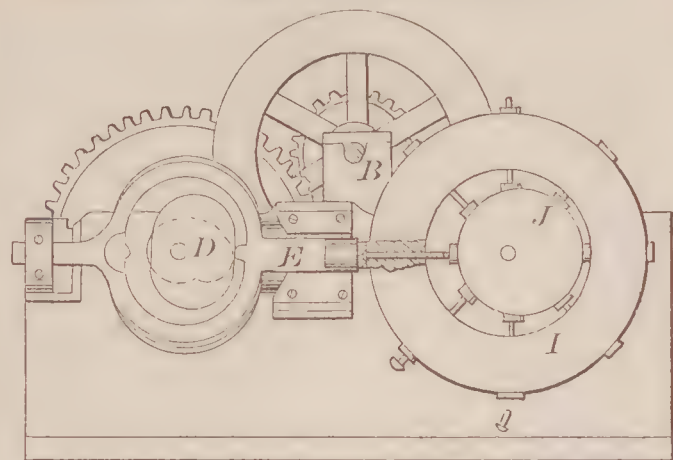
84773—Shirt & Briggs—*Steam Engine Condenser.*



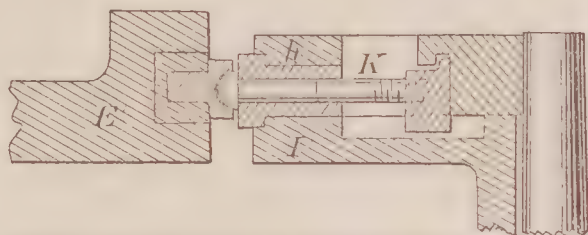
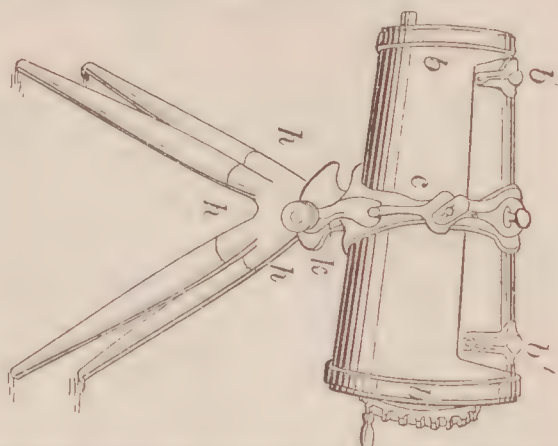


84774—J. Shoe—*Beehive*.84776—G. B. St. John—*Cultivator*.84777—G. E. Sutphen—*Horse Rake*.84778—J. Tamblyn—*Stop for Mining Cars*.84775—A. G. Smith—*Lamp Burner*.84780—M. N. Ward—*Timber Grapple*.84779—T. R. Taylor—*Pile for Railroad Rails*.84783—J. Wensley—*Sewing Machine*.84781—F. Watkins—*Nut Machine*.

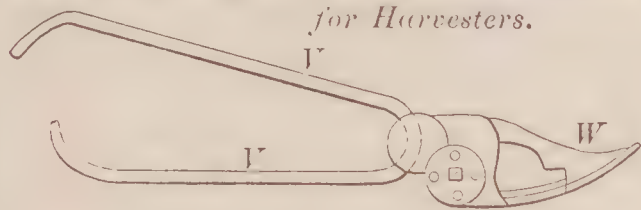
84782—F. Watkins—*Bolt Machine.*



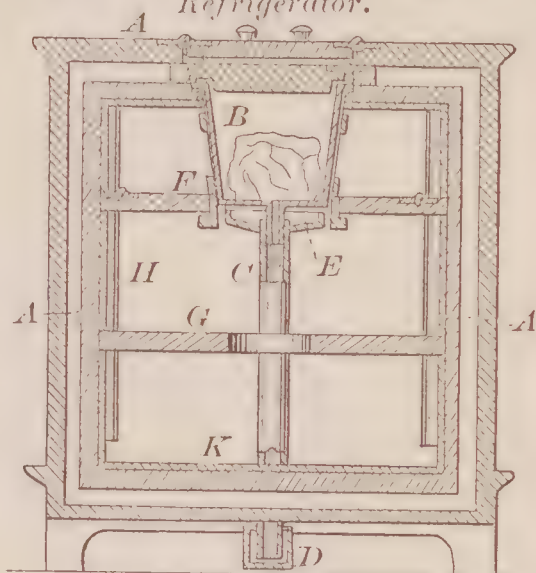
84784—A. Westcott—*Churn.*



84786—G. W. N. Yost—*Track Clearer for Harvesters.*



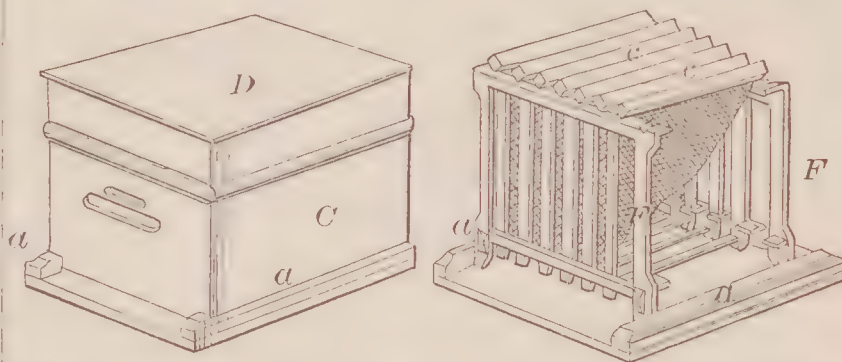
84785—S. & D. B. Wheat—*Refrigerator.*



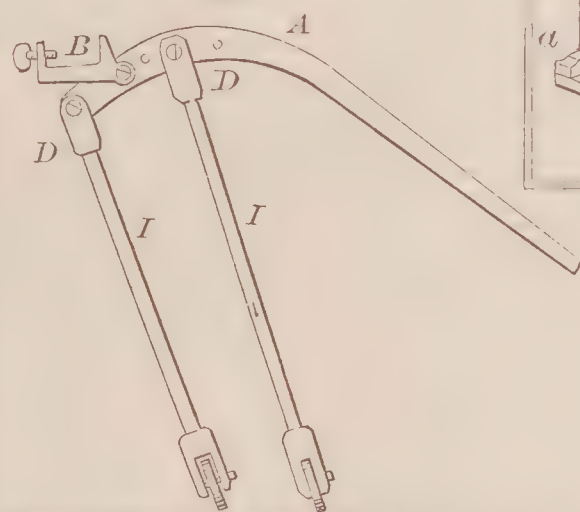
84787—A. Adamson—*Shoulder Brace.*



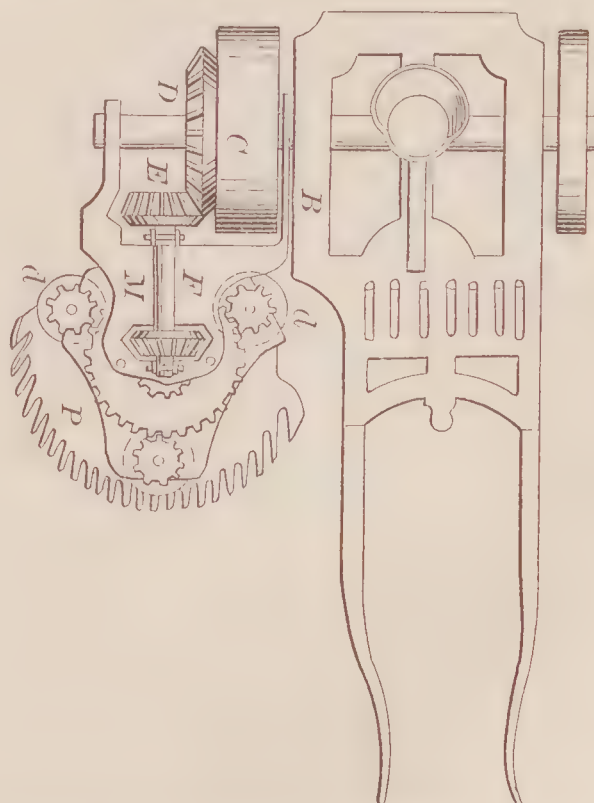
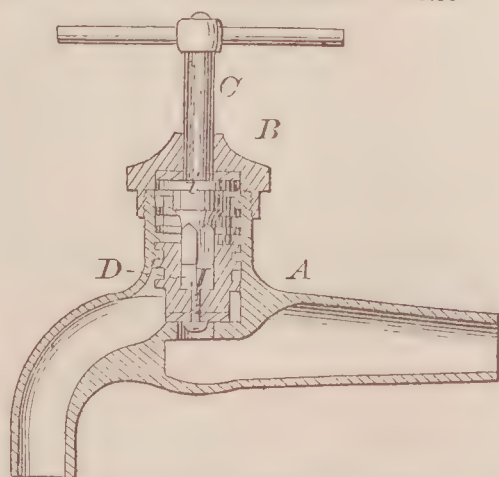
84788—T. R. Allen—*Beehive.*



84789—F. L. Bailey—*Car Mover.*

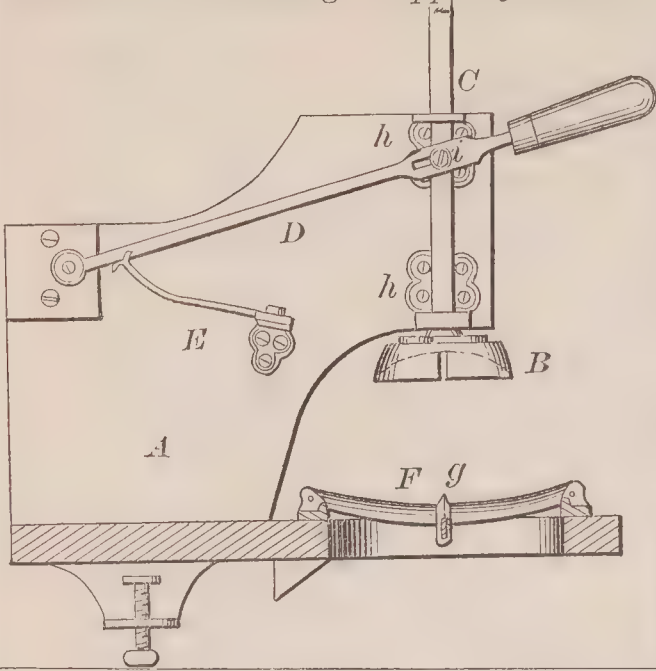
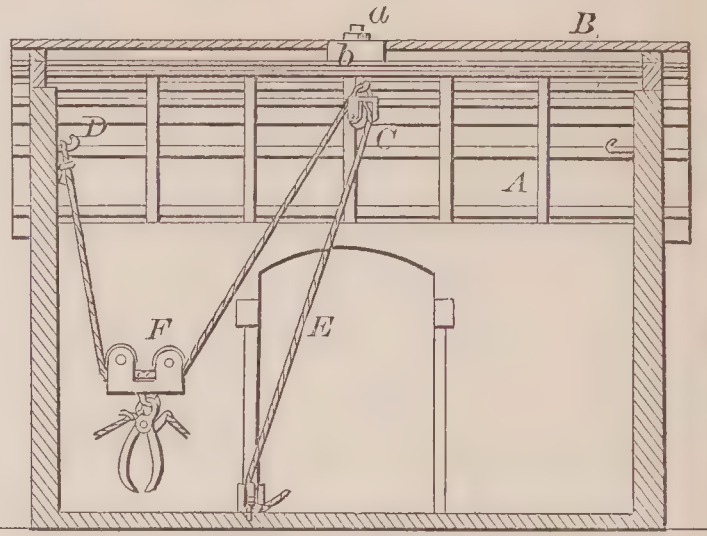
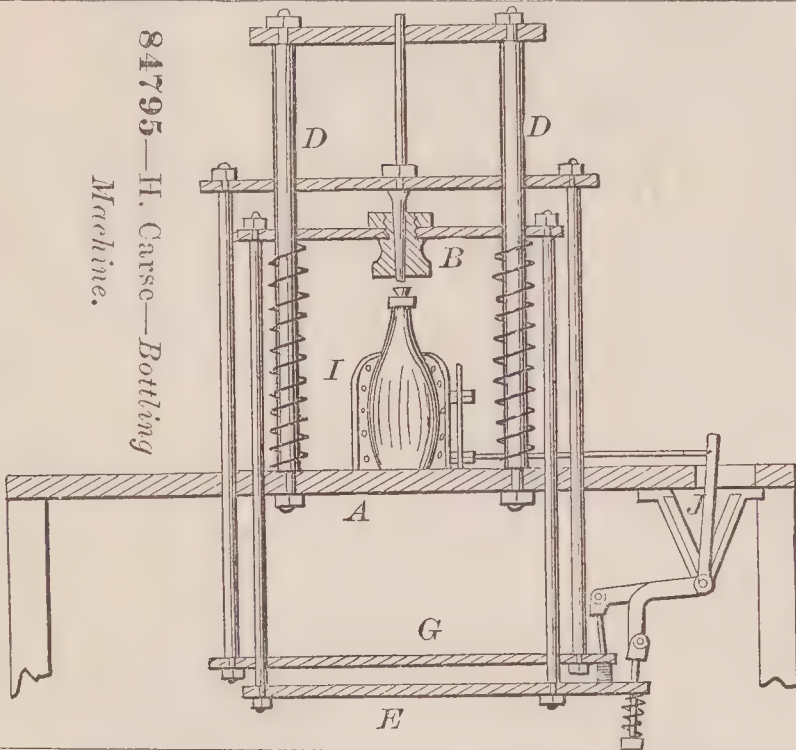
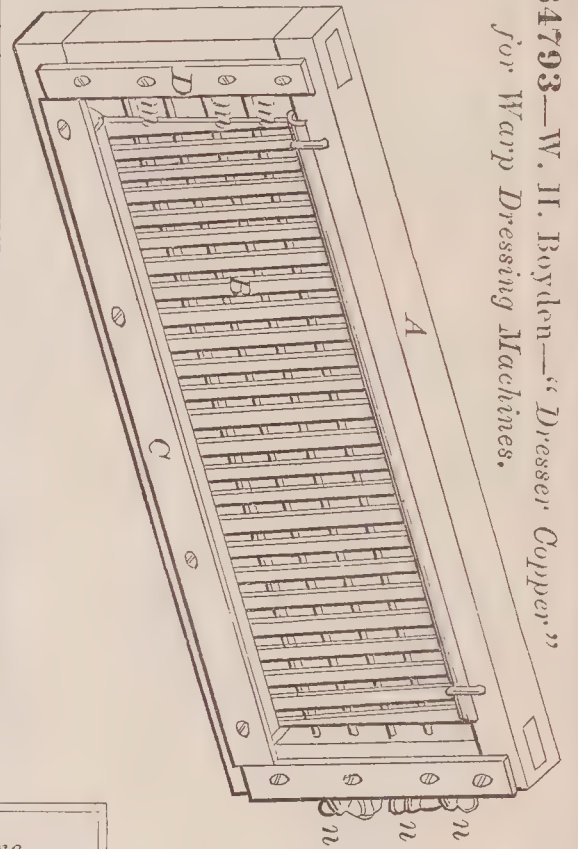
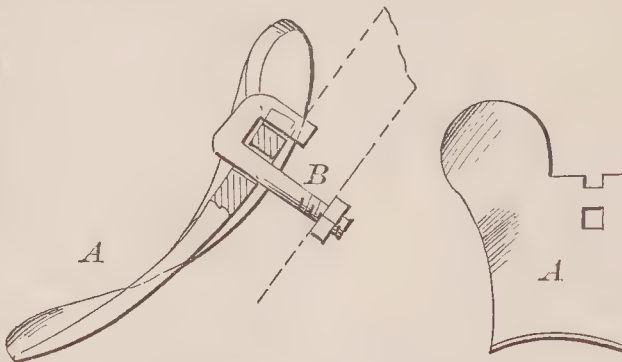
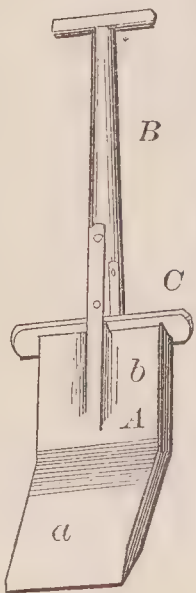
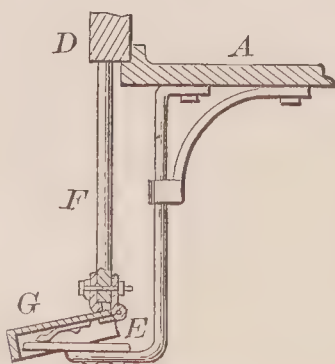
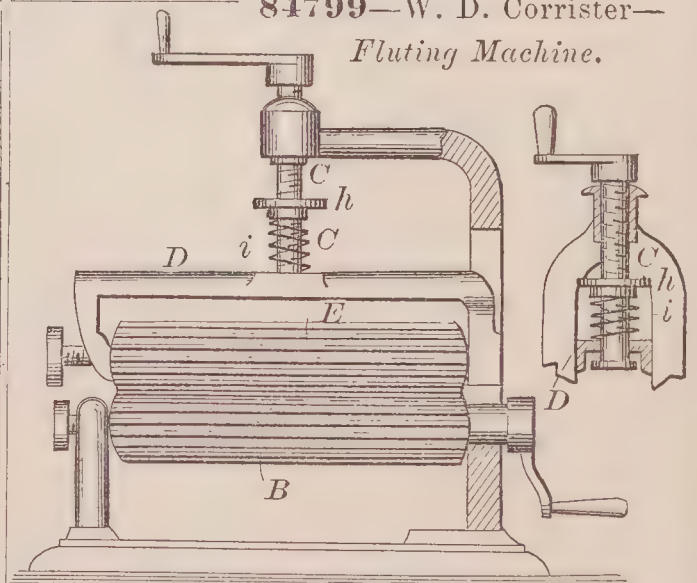


84792—G. E. Boisselier—*Cock.*

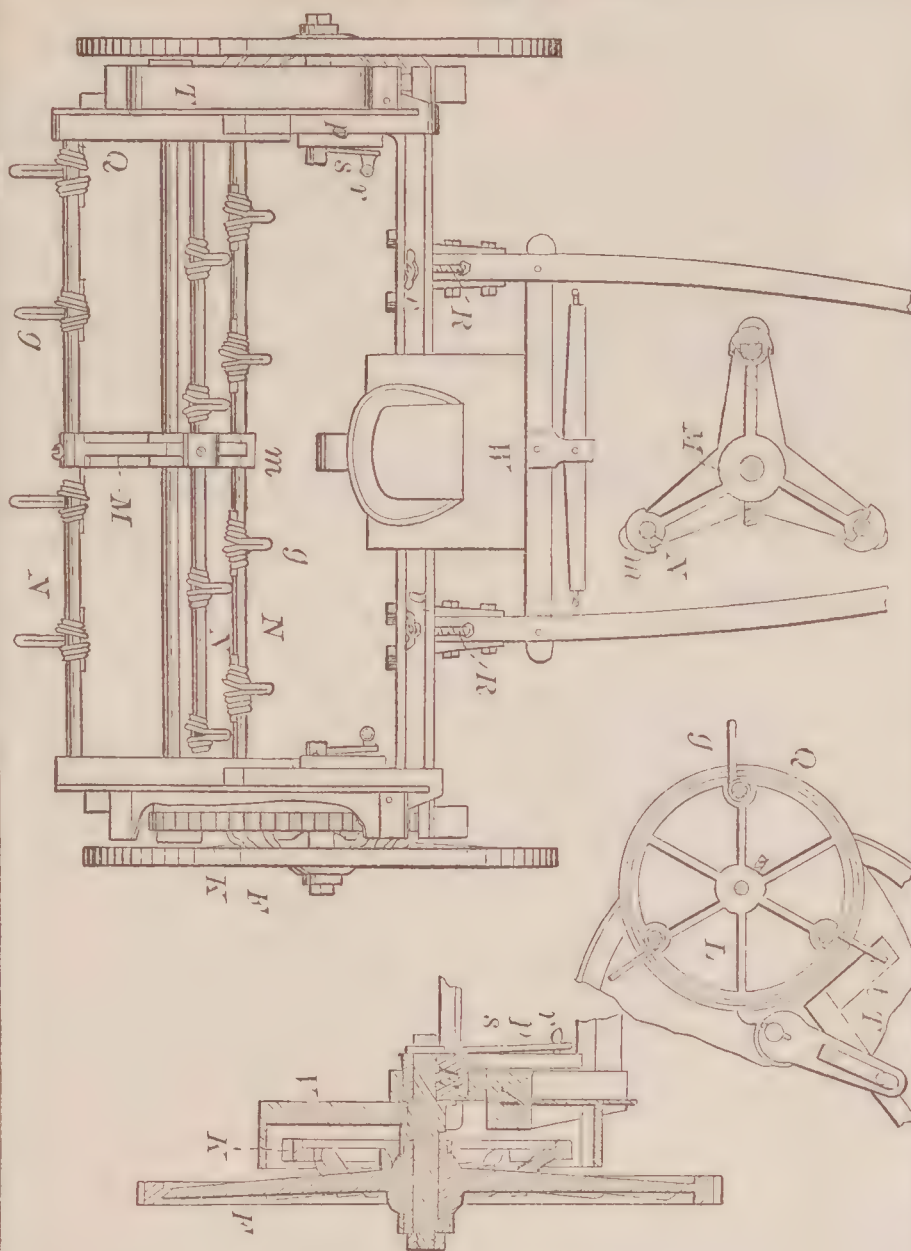


84790—L. D. Bidwell—*Mowing Machine.*



84791—C. E. Billings—*Apple Quarterer.*84794—W. D. Brooks—*Elevator.*84795—H. Carse—*Bottling Machine.*84793—W. H. Boyden—"Dresser-Copper"  
for Warp Dressing Machines.84798—G. W. Cooper—*Plowshare.*84797—M. Connolly—*Spade.*84802—J. Curtis—*Step Cover and Wheel Fender.*84799—W. D. Corrister—*Fluting Machine.*

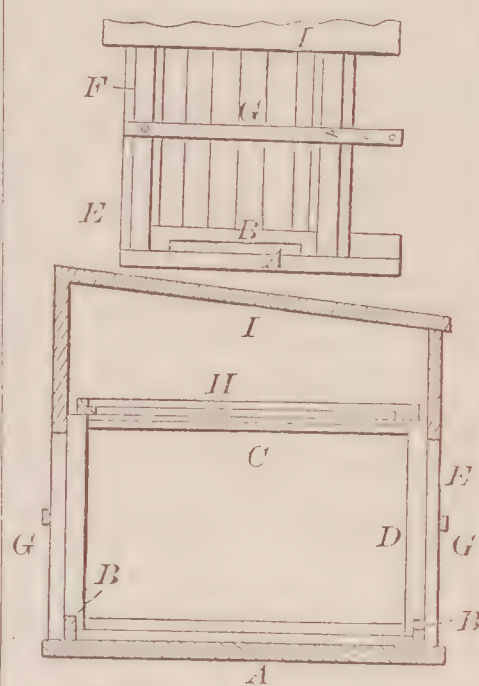
84800—T. C. Craven—*Hay Spreader.*



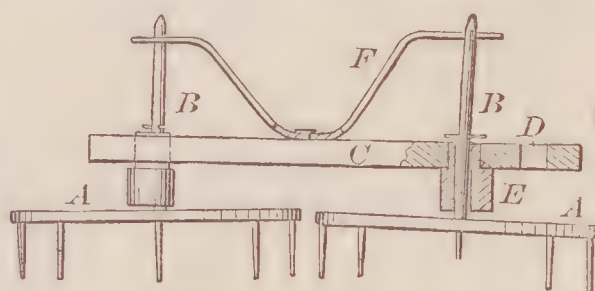
84803—T. B. Davis—*Scalp.*



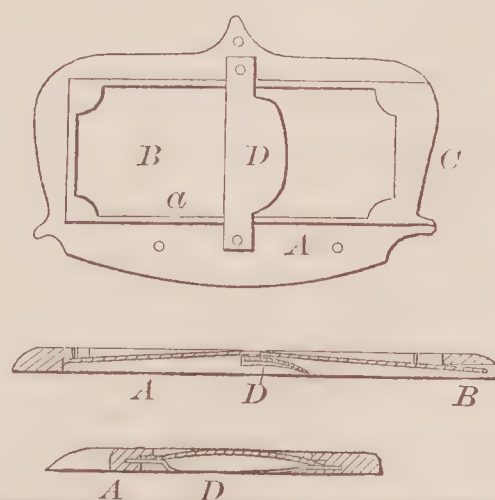
84805—A. P. Durant—*Beehive.*



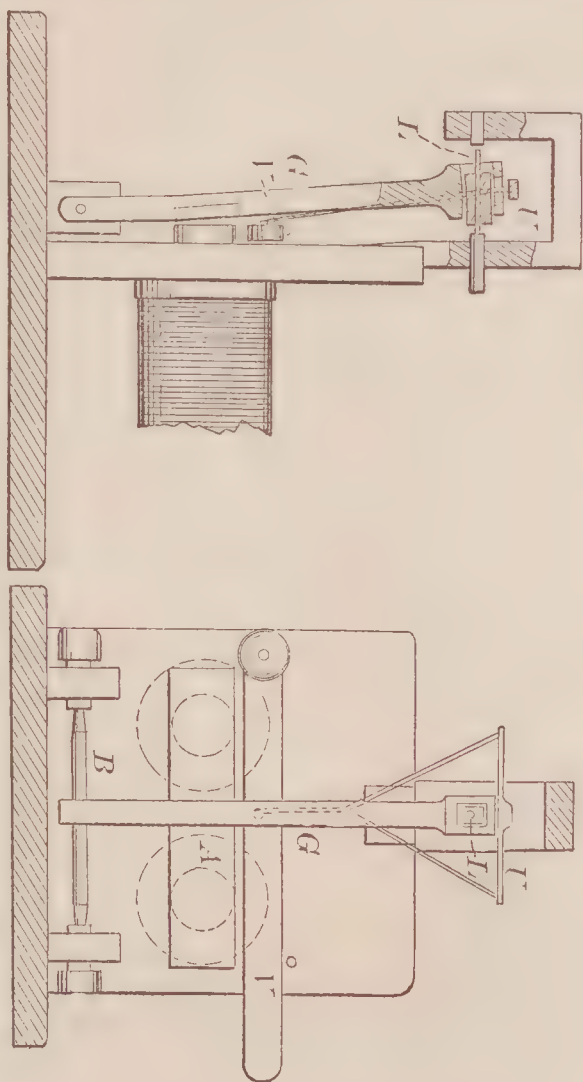
84807—O. W. Edmonds—*Harrow.*



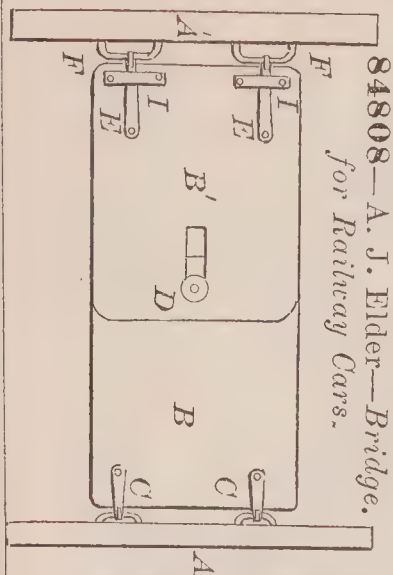
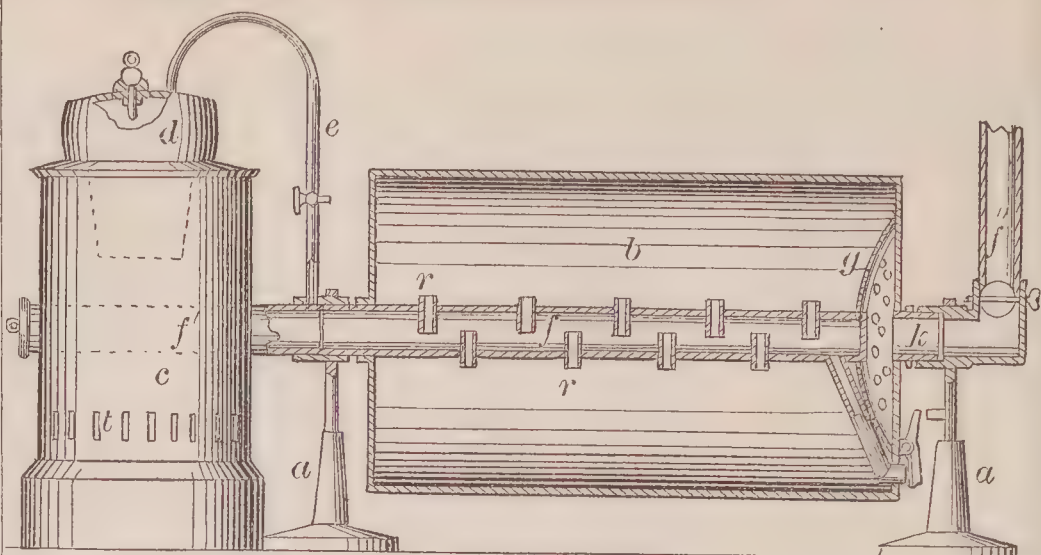
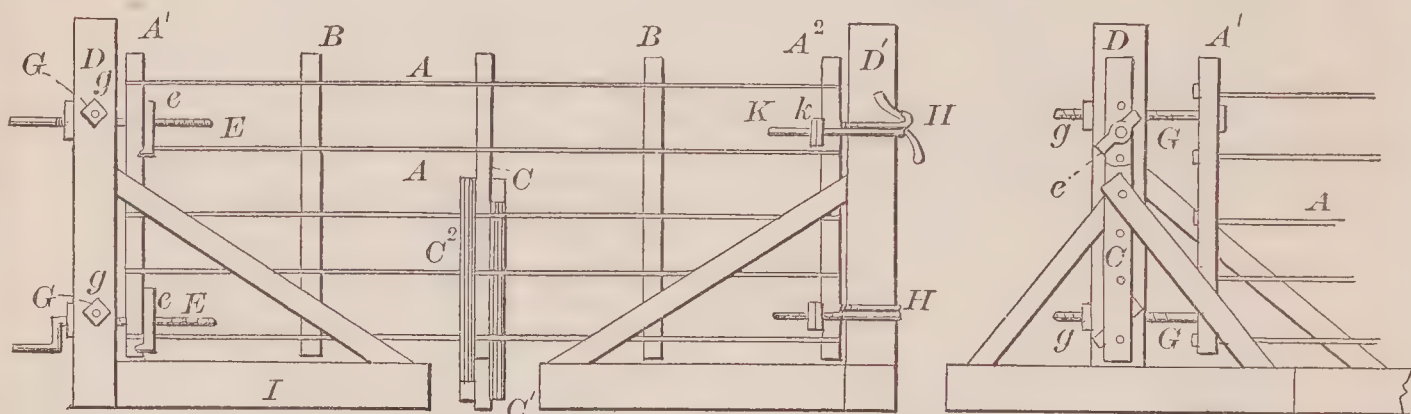
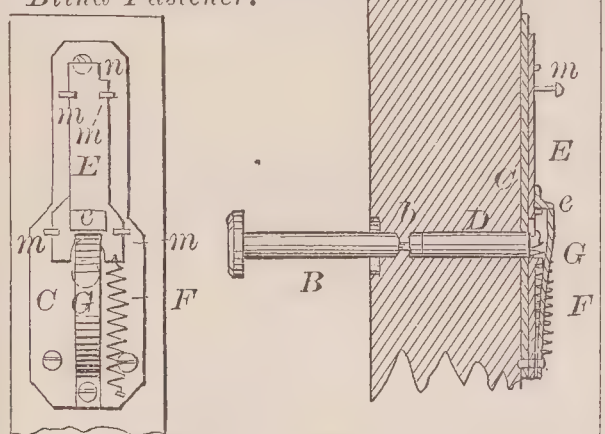
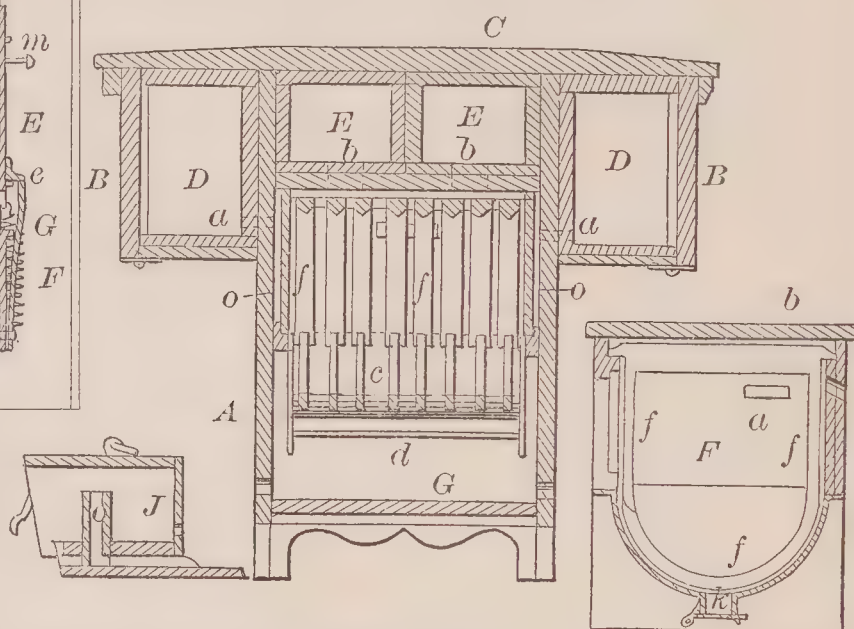
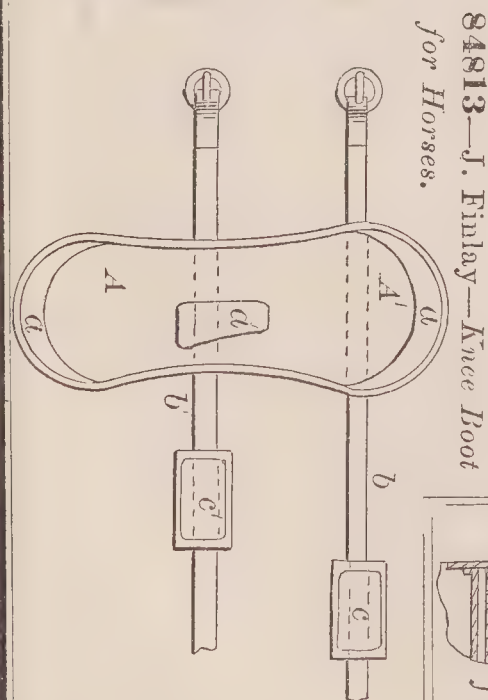
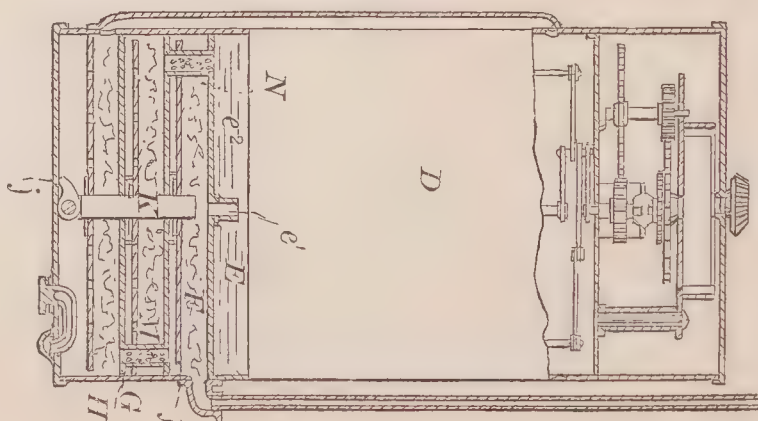
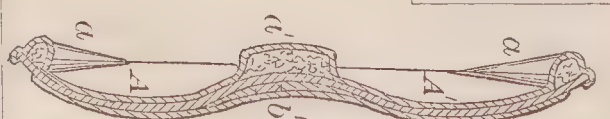
84804—C. A. Dickerman—*Label Holder.*



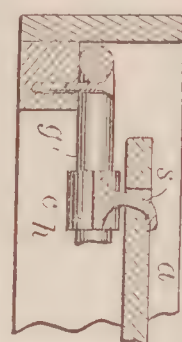
84806—C. Durant—*Electro-Magnetic Relay Instrument.*



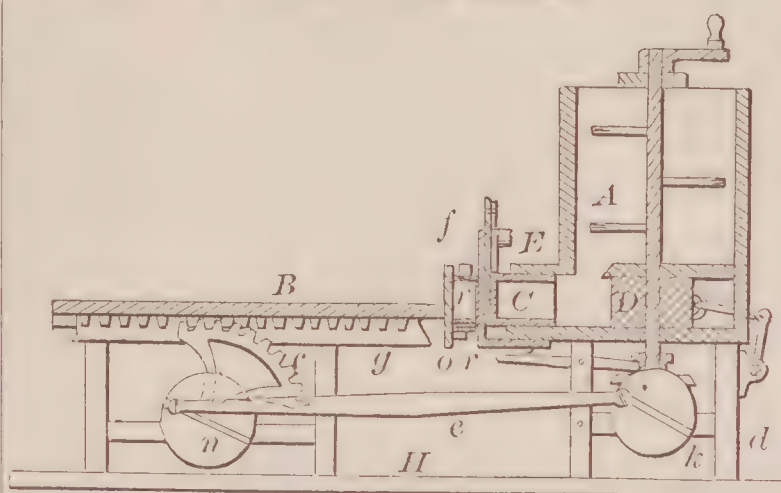


84808—A. J. Elder—*Bridge for Railway Cars.*84809—W. H. Elliot—*Feather Renovator.*84810—G. W. Ensminger—*Wire Fence.*84811—W. B. Farrar—*Shutter and Blind Fastener.*84812—J. F. Fife—*Beehive.*84814—Foster & Ganster—*For Illuminating Railroad Cars and Steamers.*84813—J. Finlay—*Knee Boot for Horses.*

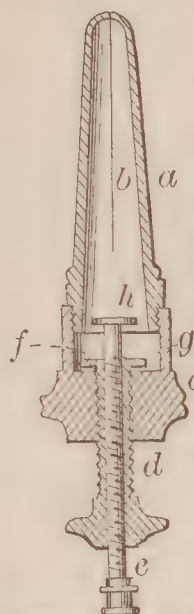
84824—H. N. Hemingway—  
*Bed Spring.*



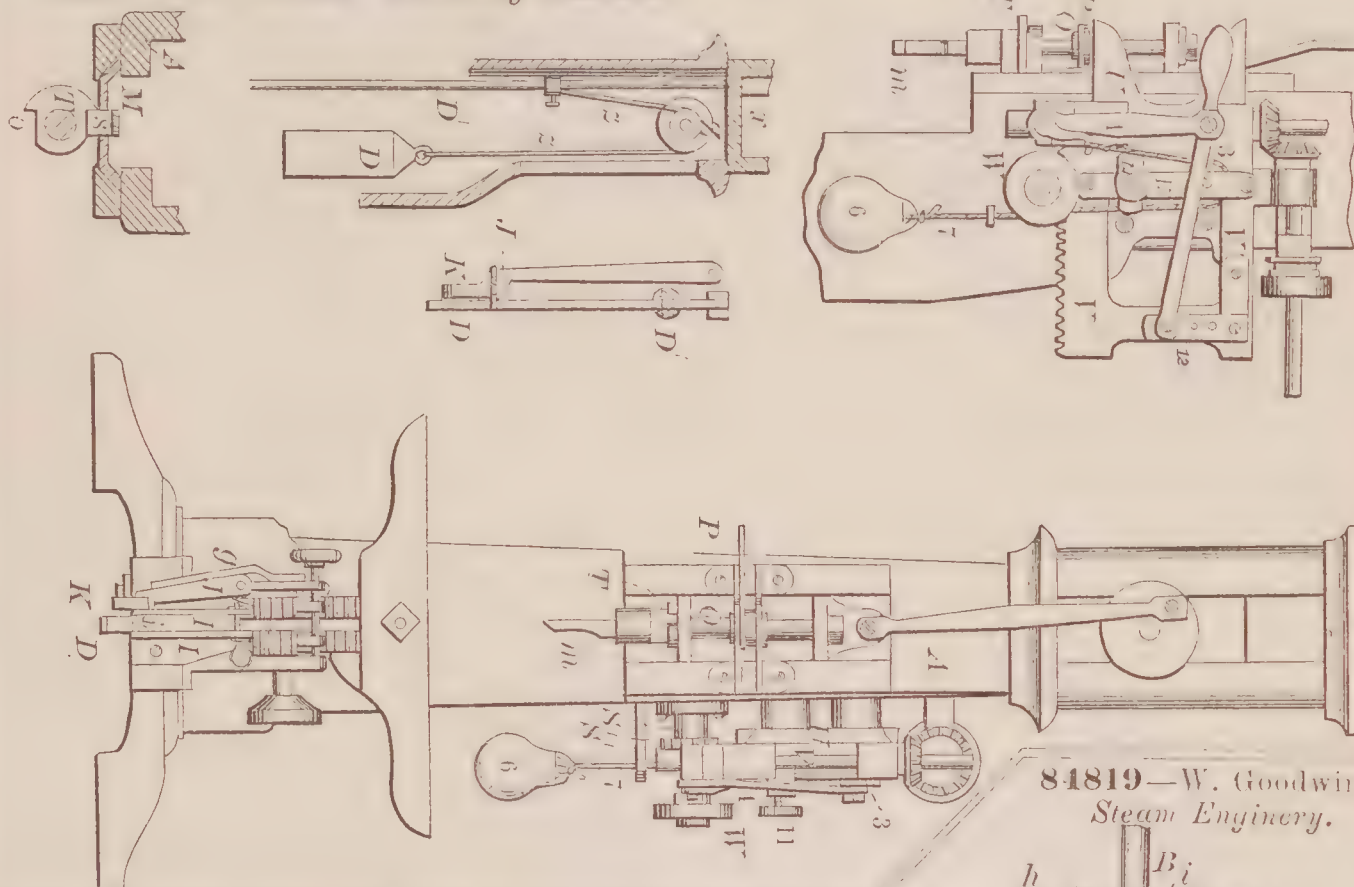
84816—E. Geary—*Brick Machine.*



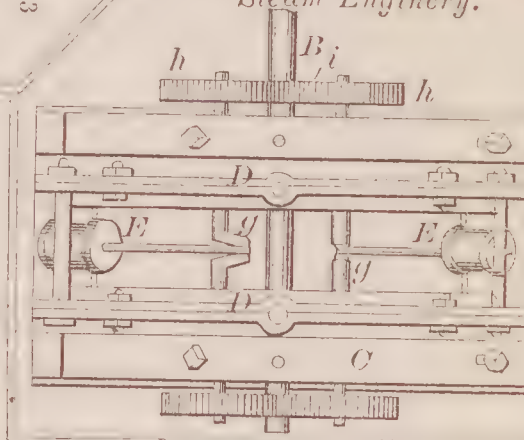
84815—E. F. Garvin—*Instrument for  
Treating Fistula.*



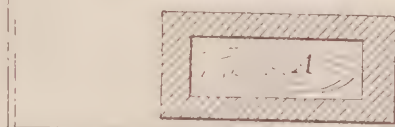
84817—D. L. Gibbs—*Mortising Machine.*



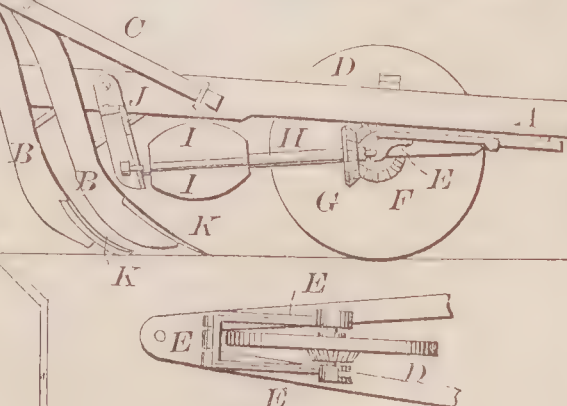
84819—W. Goodwin—  
*Steam Engine.*



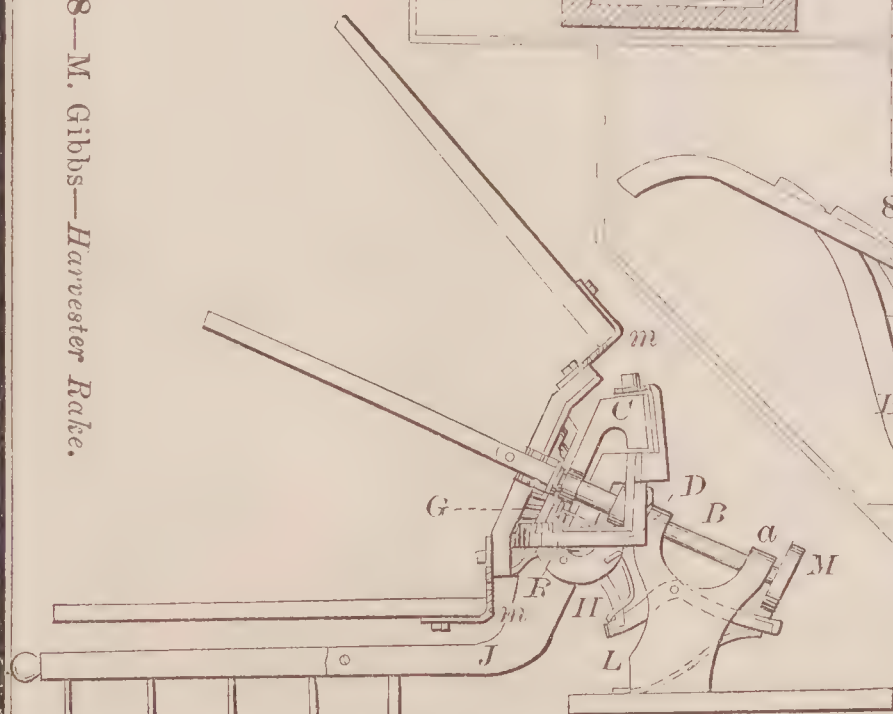
84822—T. F. Hamilton—  
*Imitation Stone.*



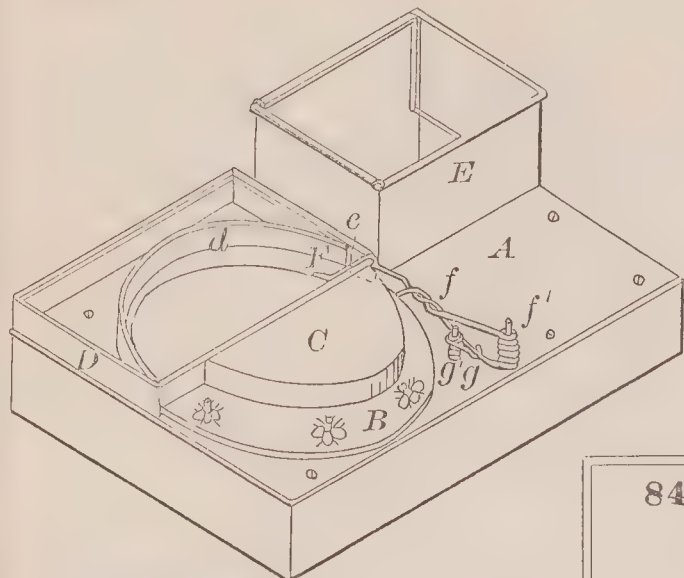
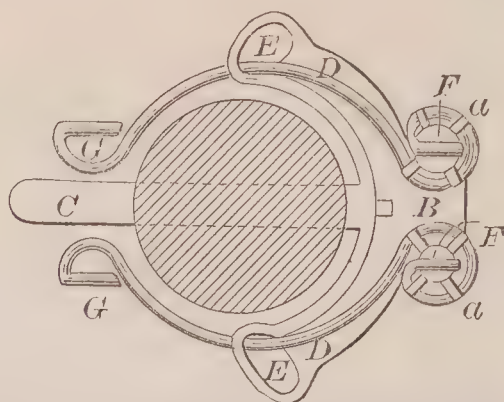
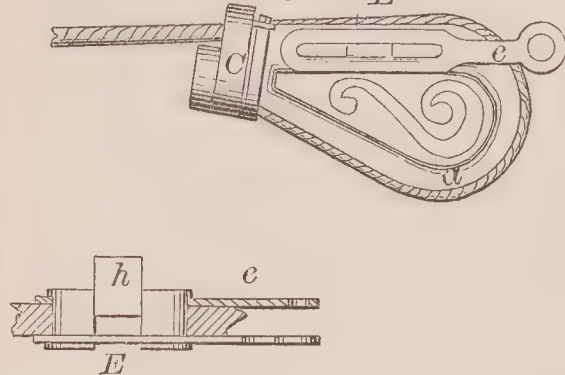
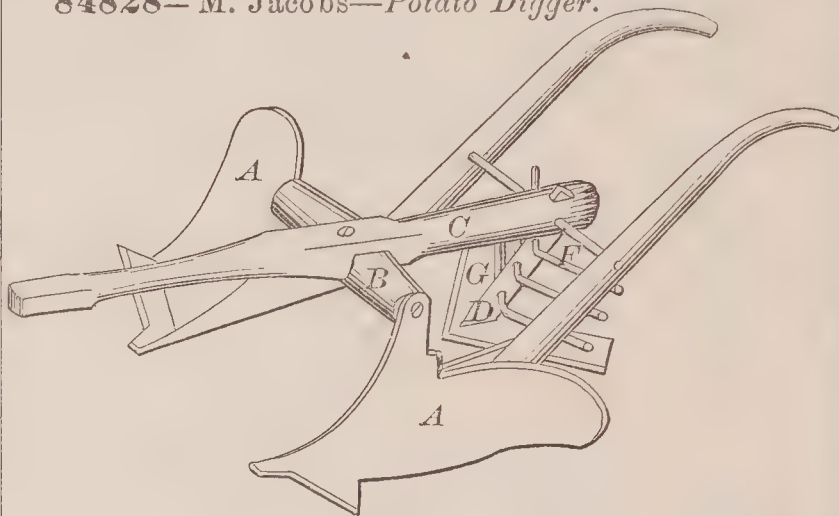
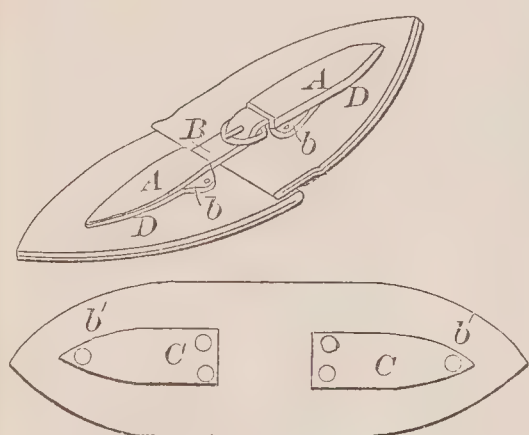
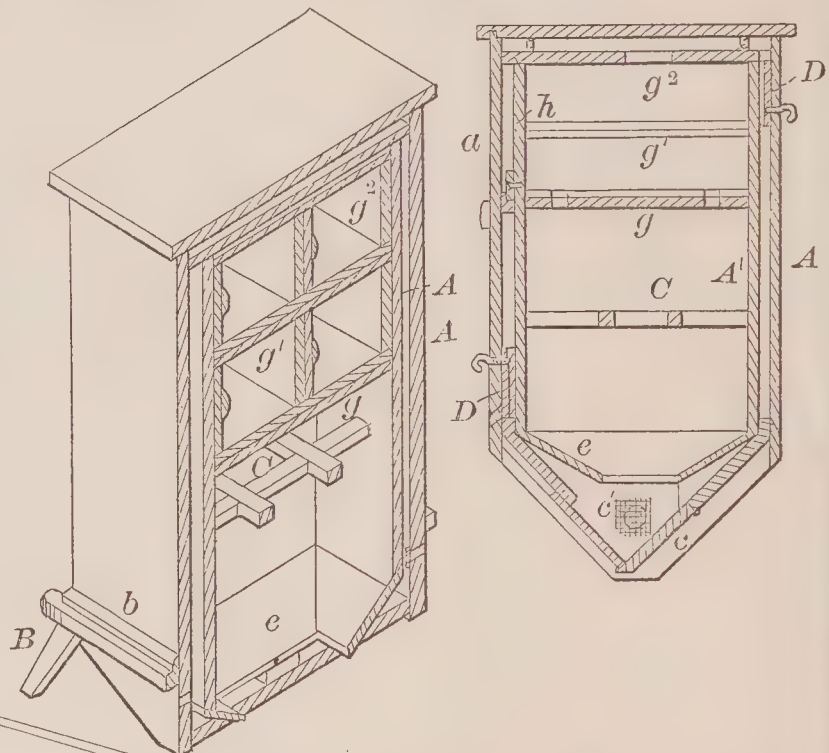
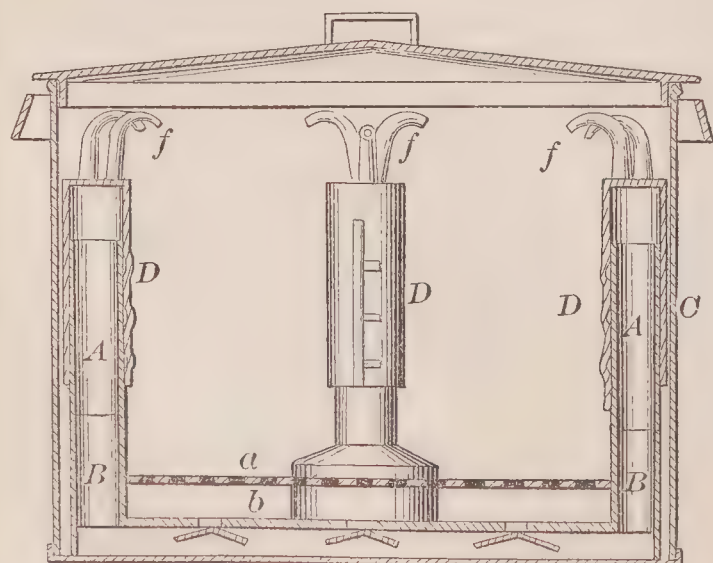
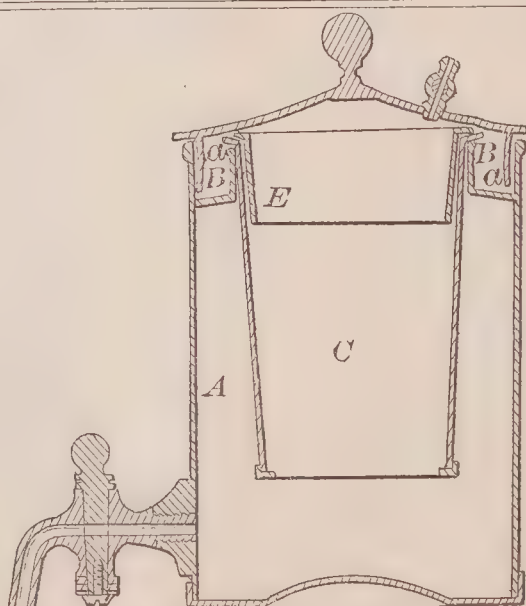
84823—C. A. Harper—*Cultivator.*



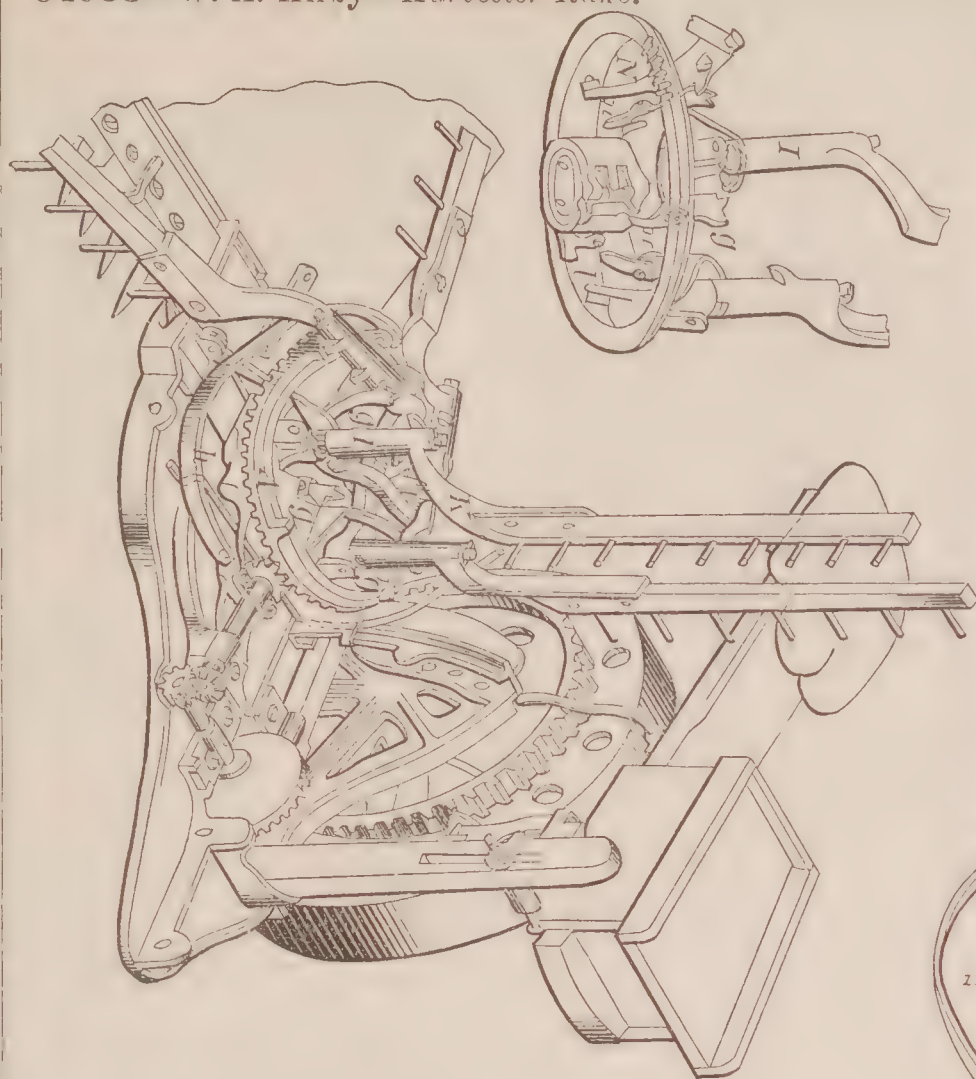
84818—M. Gibbs—*Harvester Rake.*



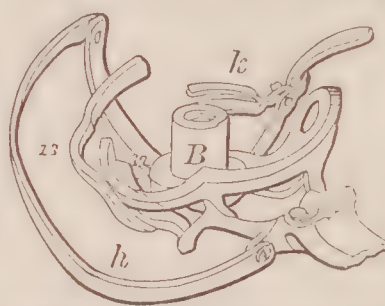
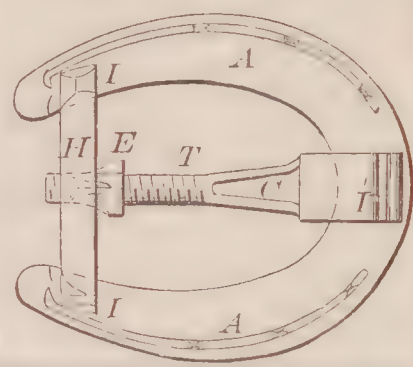
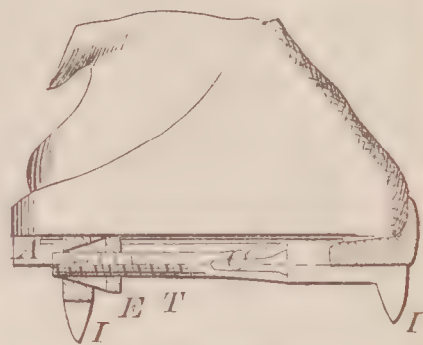


84825—J. Hoover—*Fly Trap*.84831—H. P. Judson—*Ox Bow Pin*.84827—T. G. Hulett—*Cable Shackle for Bridges*. E84828—M. Jacobs—*Potato Digger*.84829—N. Jenny, Jr.—*Carriage Loop and Billet Cover*.84826—H. O. Hughes—*Beehive*.84832—D. Kellogg—*Clothes Boiler*.84830—G. Jones—*Coffee Urn*.

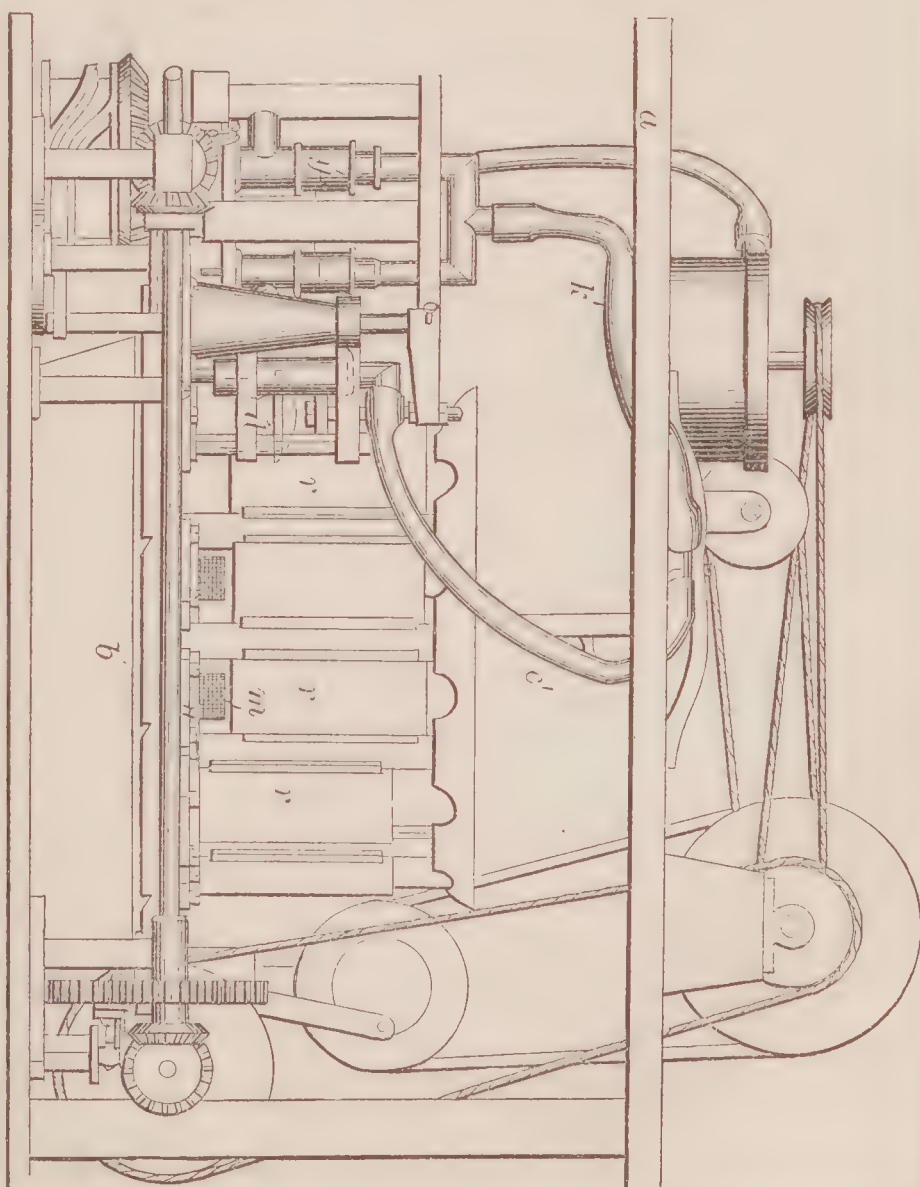
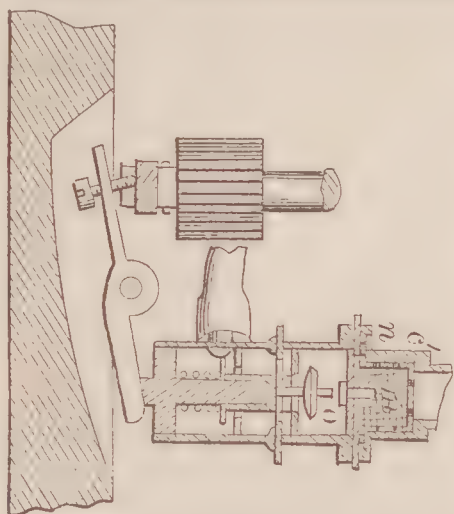
84833—W. A. Kirby—*Harvester Rake.*



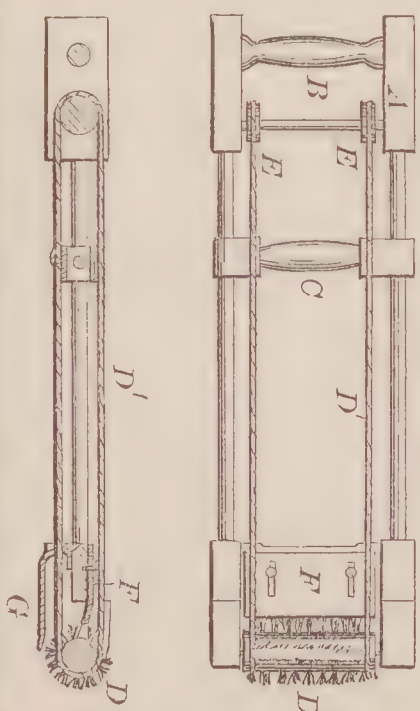
84834—R. Lápôtâ—*Horse Shoe.*



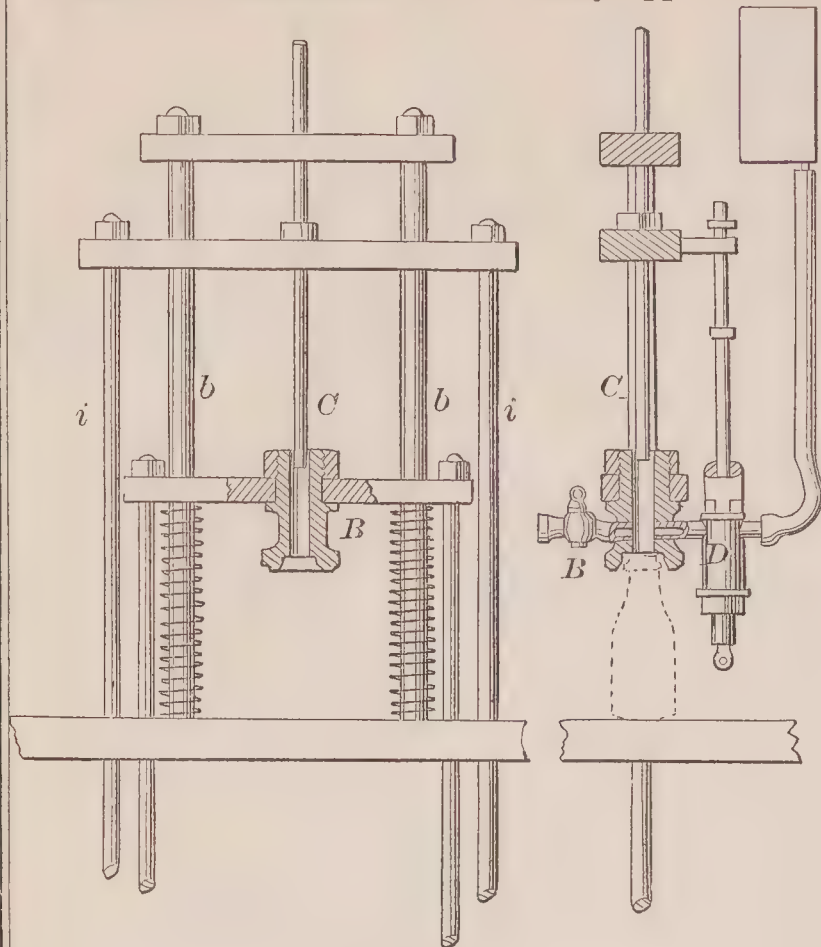
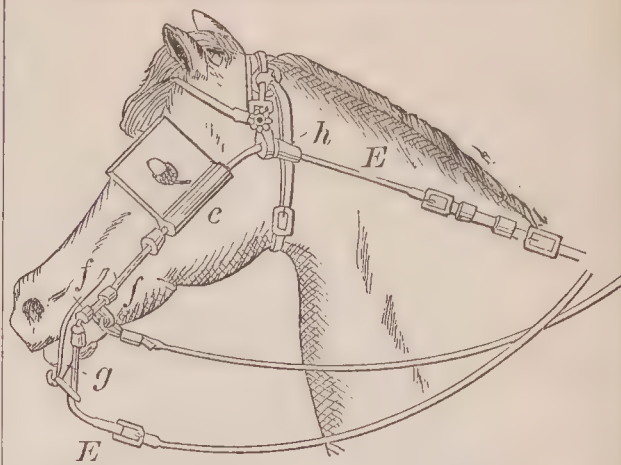
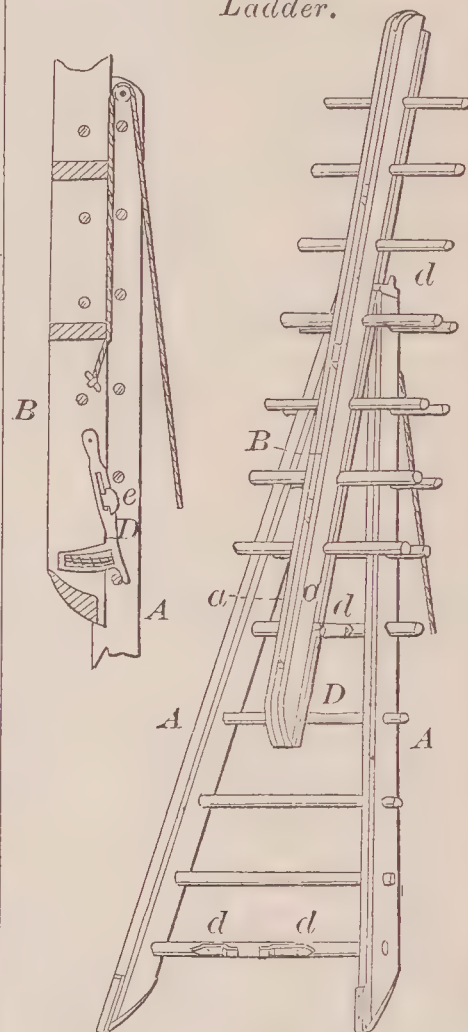
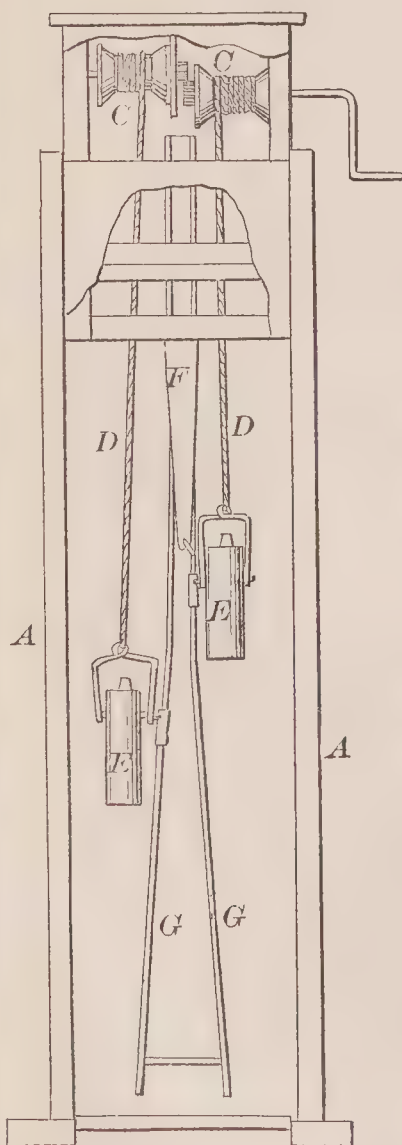
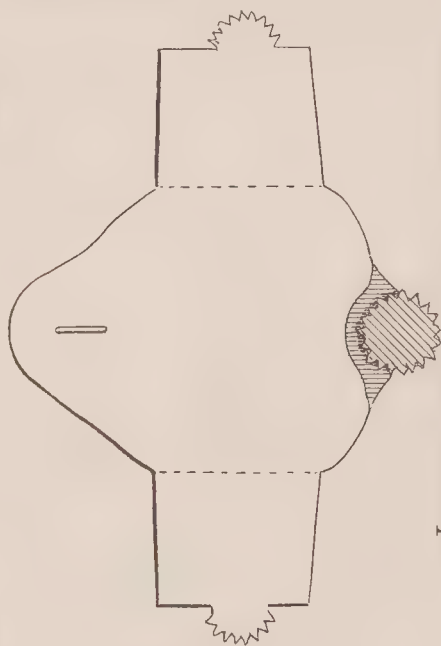
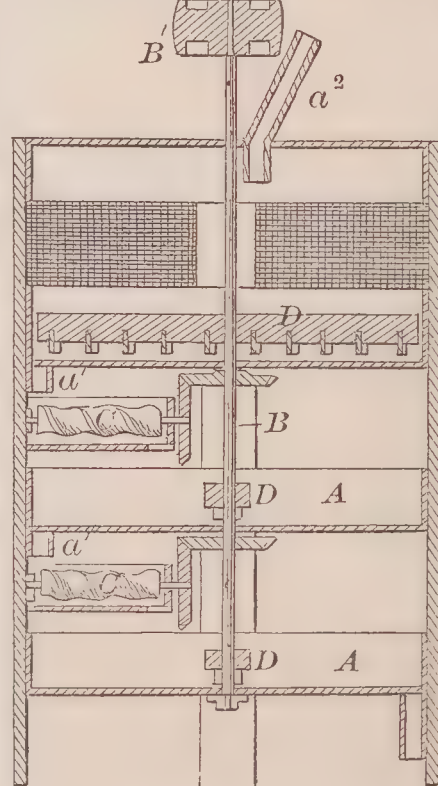
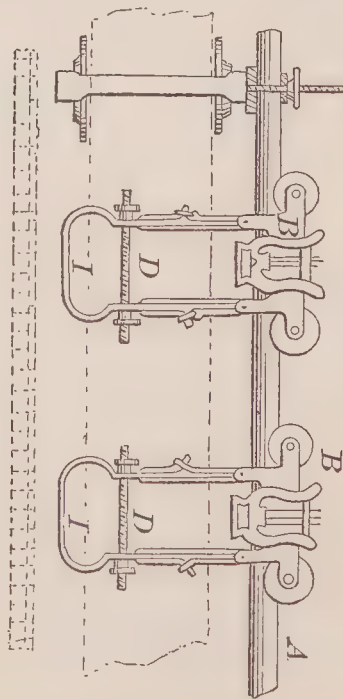
84835—F. Leclère—*For Making Paper Boxes.*



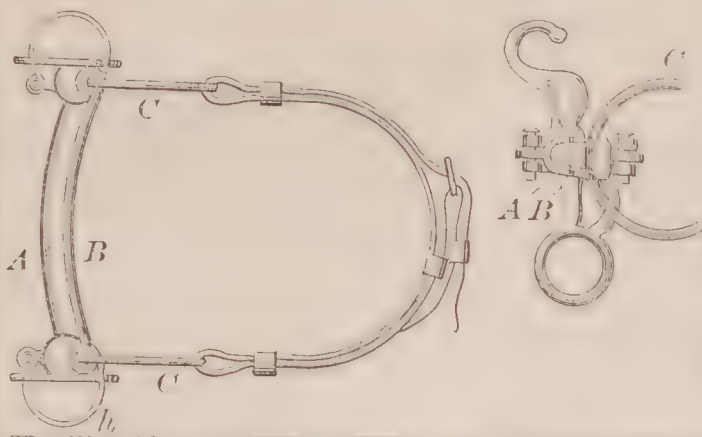
84837—W. W. McKay—*Rotary Horse Brush.*



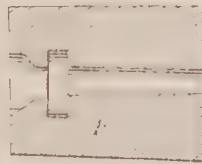


84836—J. Matthews—*Bottle Filling Apparatus.*84838—J. McKibben—*Bridle.*84839—W. Morehead—*Ladder.*84841—L. Raymond—*Water Elevator.*84840—C. R. M. Pohlé—*Envelope.*84842—J. S. Reynolds—*Flour Cooler.*84844—C. Sangalli—*Hand Supporter for Pianos.*

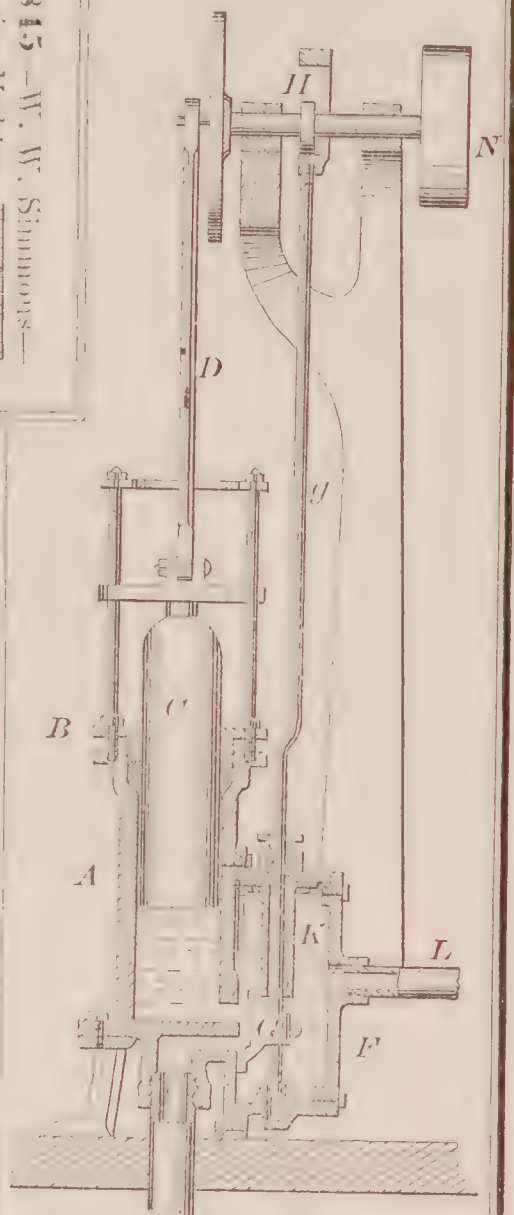
h 84843—W. S. Robbins—*Bridle Bit.*



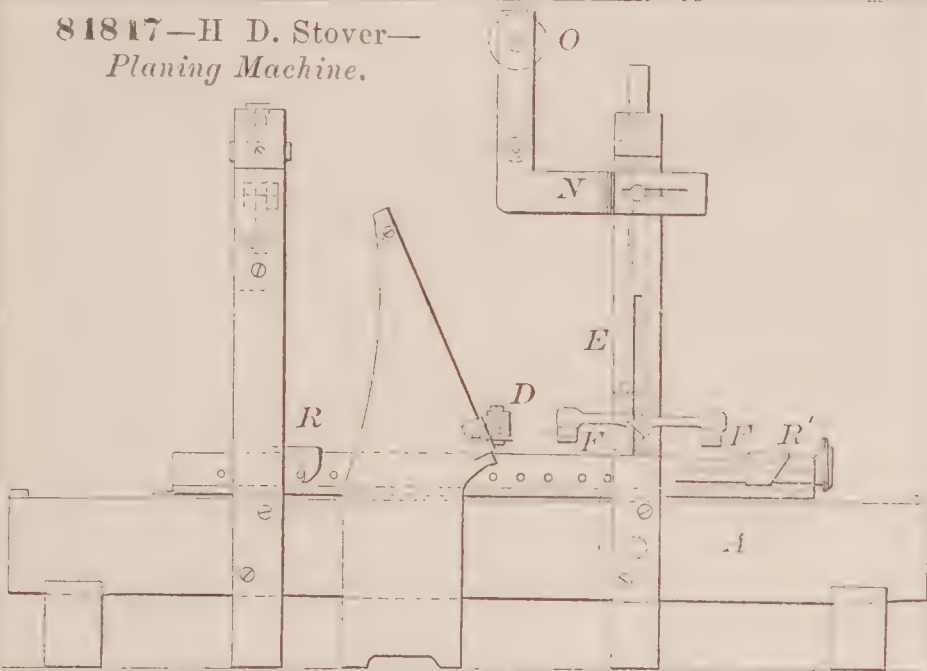
81845—W. W. Simmons—*Die for Making Tearing Labels.*



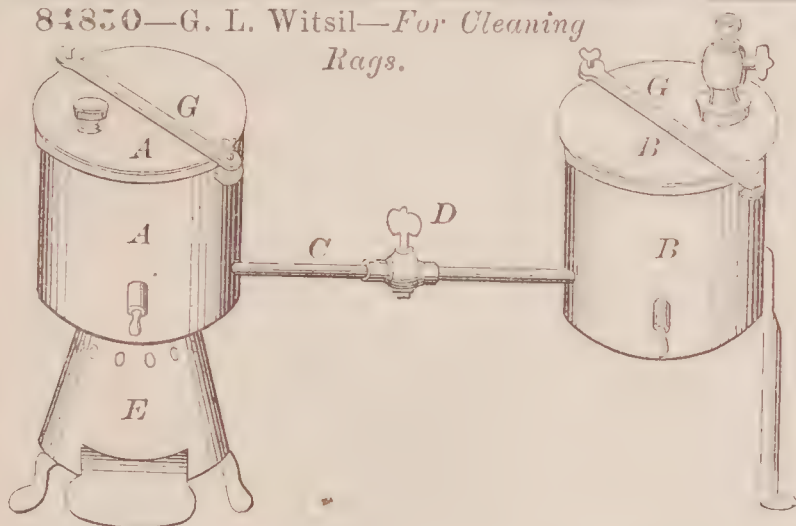
84846—O. Snell—*Pump.*



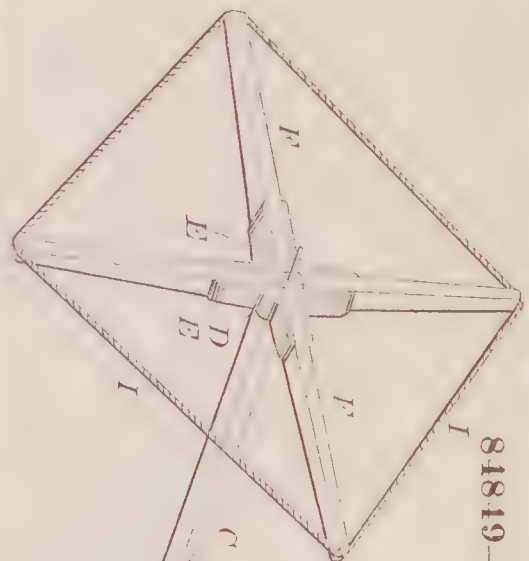
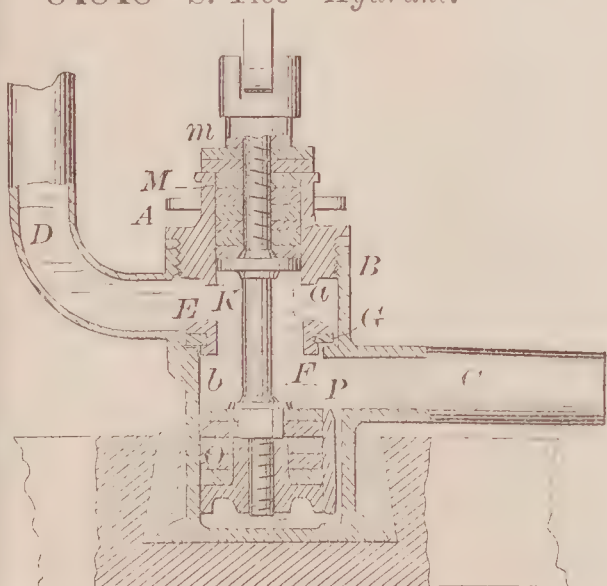
81817—H. D. Stover—*Planing Machine.*



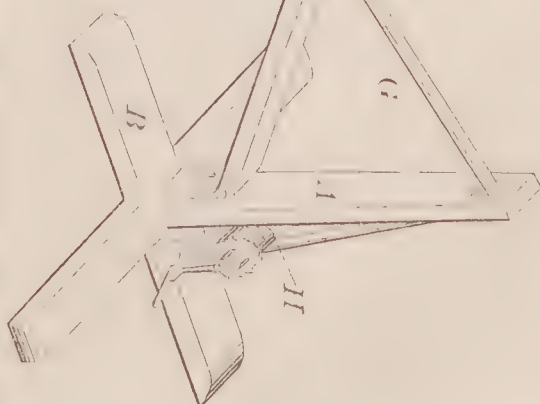
84850—G. L. Witsil—*For Cleaning Rags.*



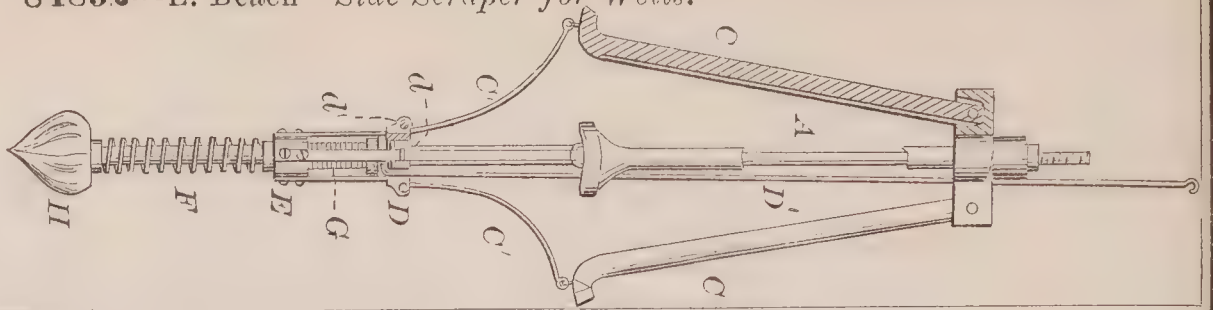
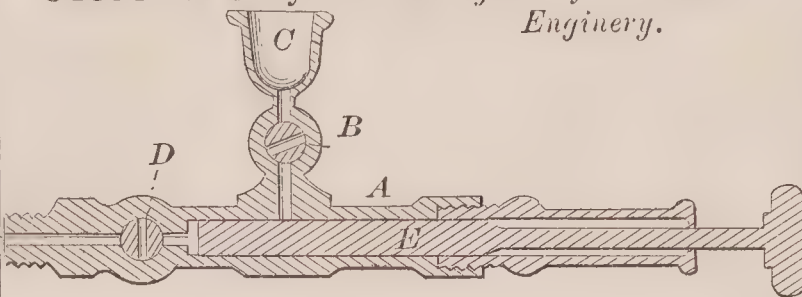
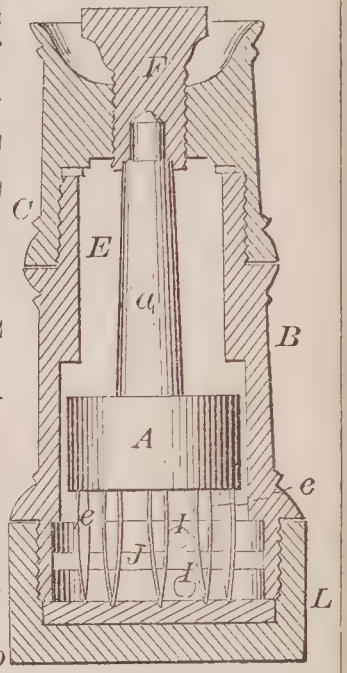
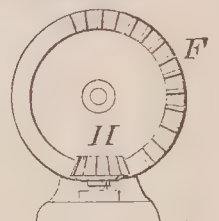
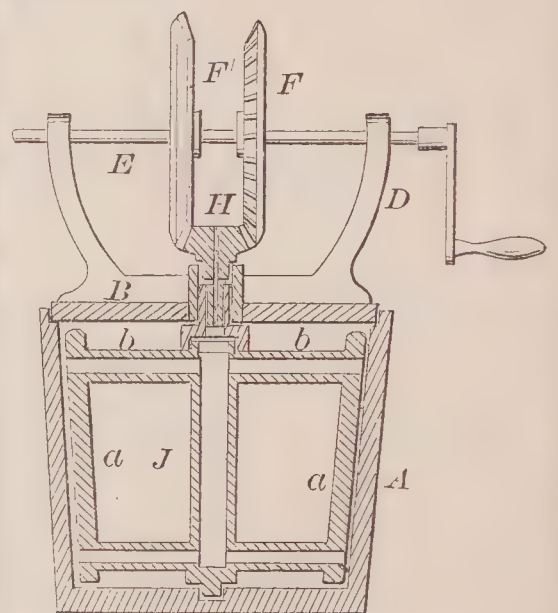
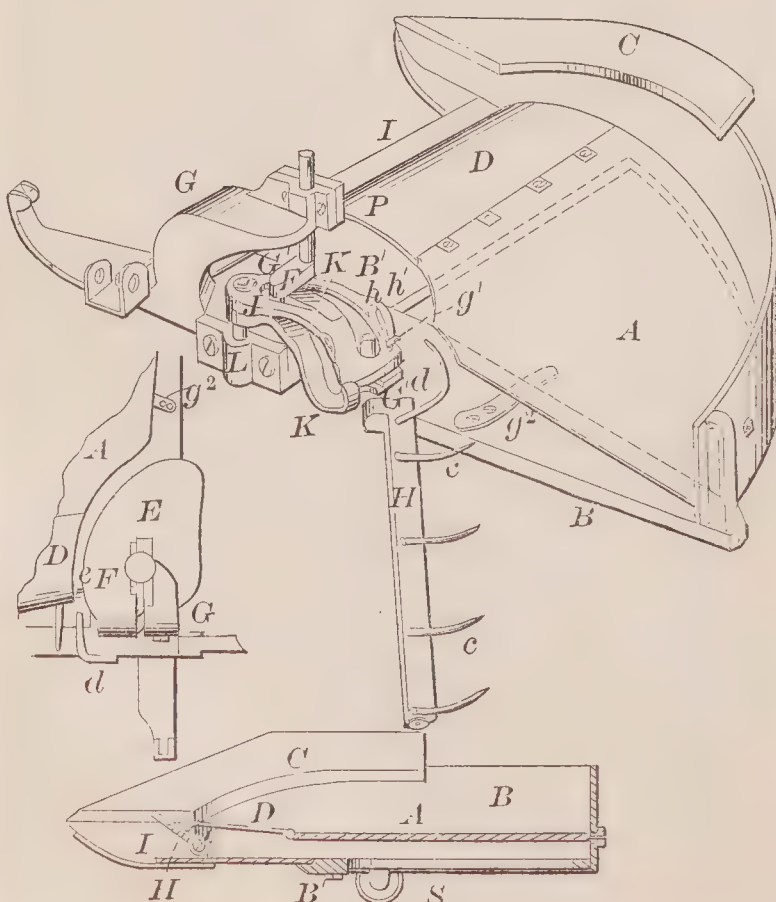
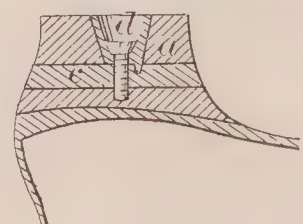
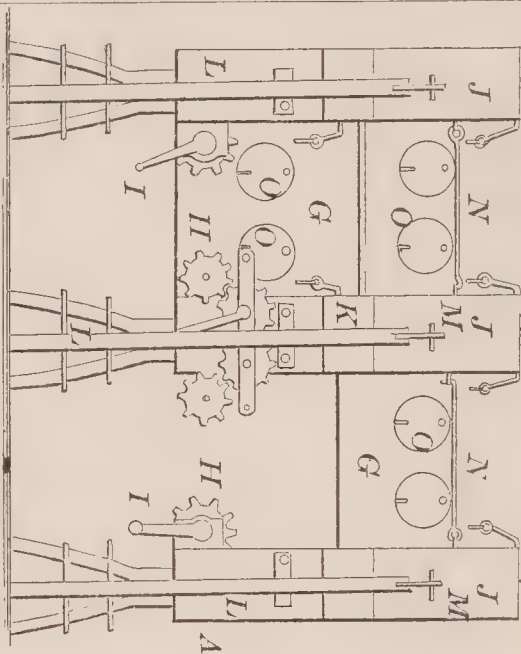
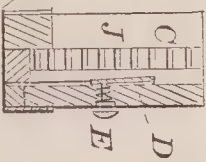
84848—S. Tice—*Hydrant.*



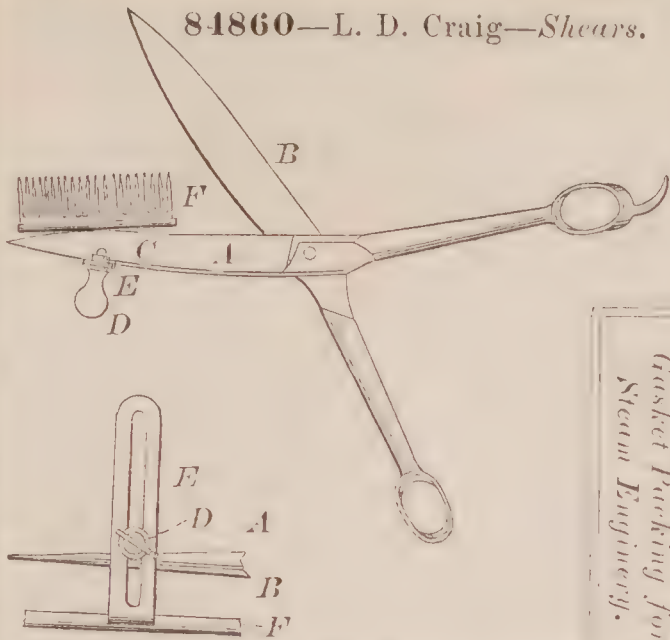
84819—J. B. White—*Clothes Dryer.*



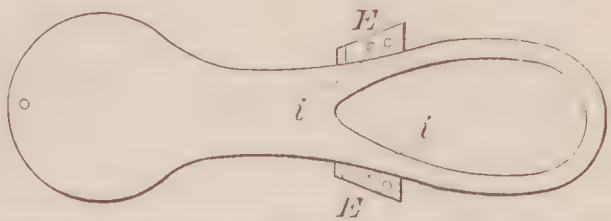


84852—E. Beach—*Side Scraper for Wells.*84853—R. Brayton—*Oil Injector for Steam Engine.*84854—A. R. Brown—*For Aspiration.*84858—J. Carlton—*Churn.*84857—R. Carkhuff—*Harvester Rake.*84861—A. O. Crane—*Boot and Shoe Heel.*84851—A. P. Barlow—*Slide for Hanging Upright Saws.*84859—J. C. Clark—*Fire Shield.*

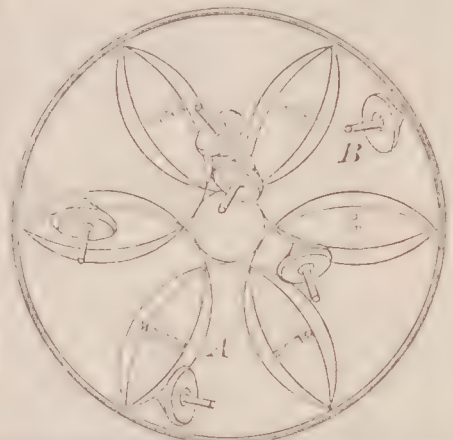
84860—L. D. Craig—*Shears.*



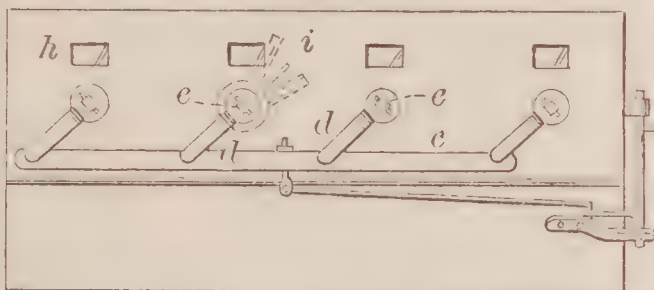
84862—J. Darden—*Boot Jack.*



84865—C. H. Douglas—*Game of Colors.*



84870—J. F. Fisher—*For Distributing Fertilizers.*



*Basket Packing for Steam Engines.*

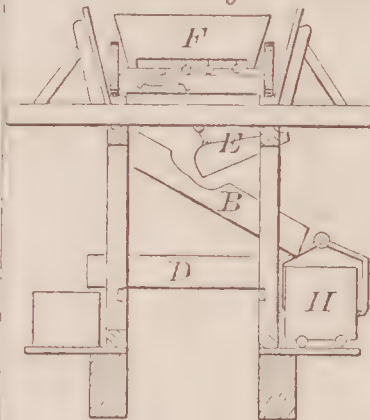


84864—B. Densmore—

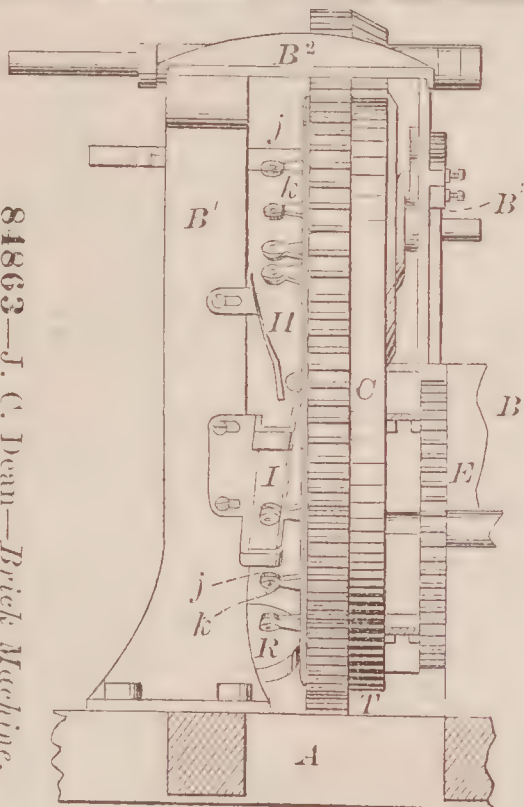
84868—W. A. Penn—*Attaching Knobs.*



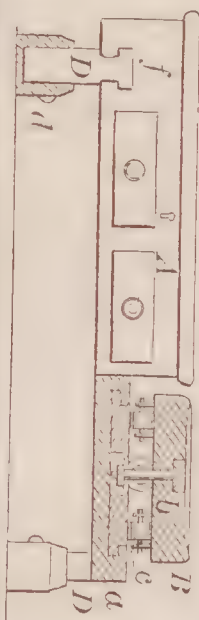
84866—J. S. Evans—*Screening Charcoal.*



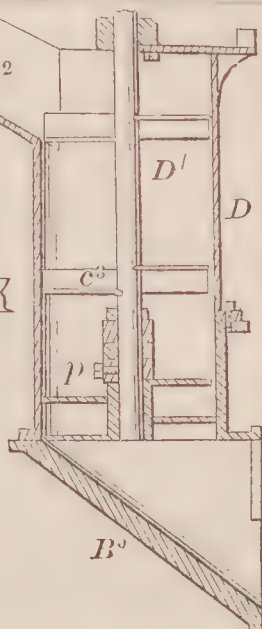
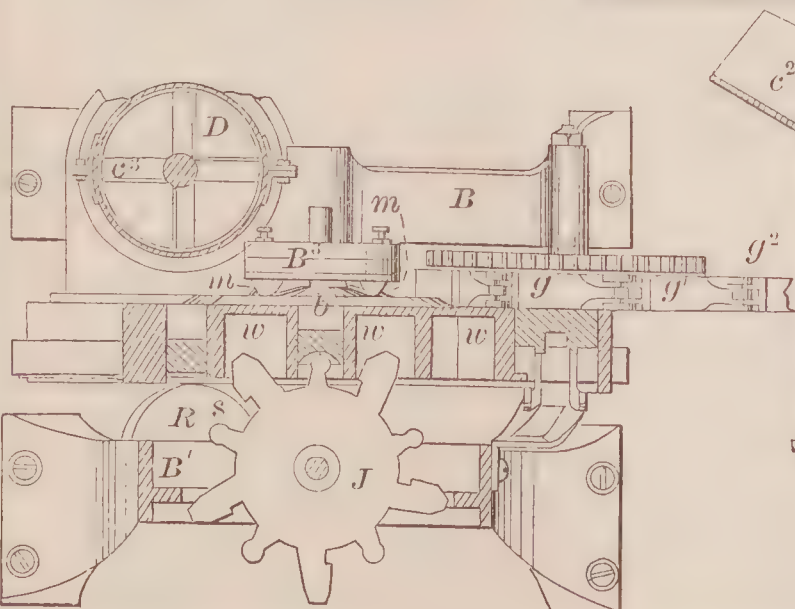
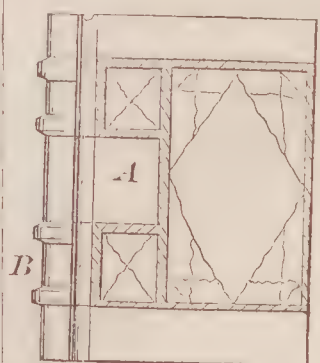
84863—J. C. Deam—*Brick Machine.*



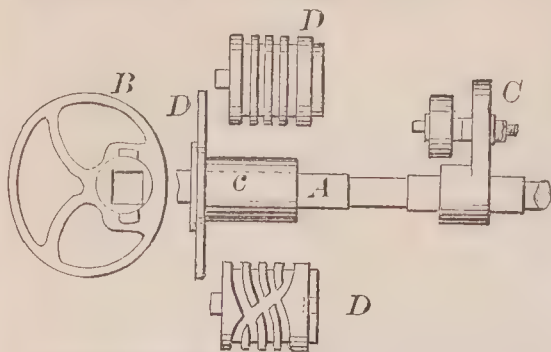
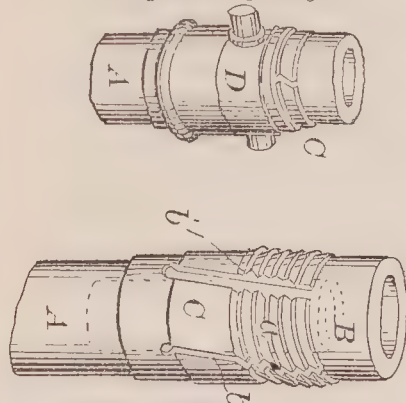
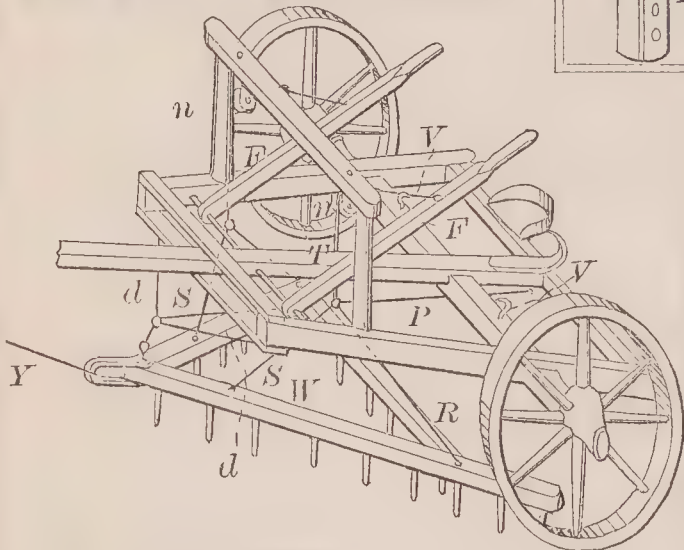
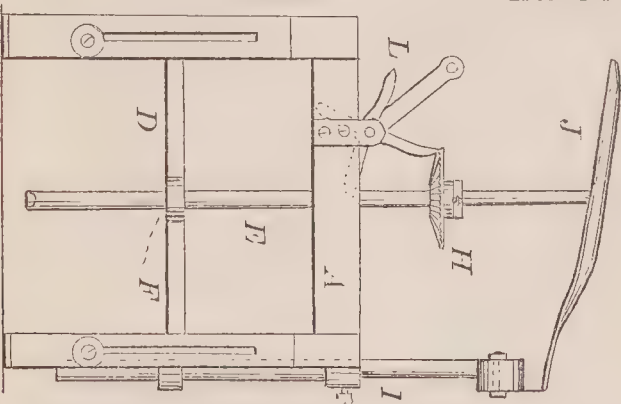
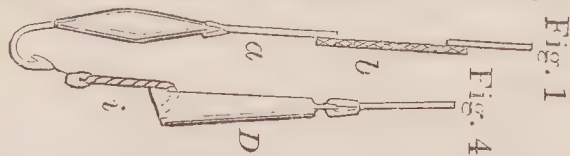
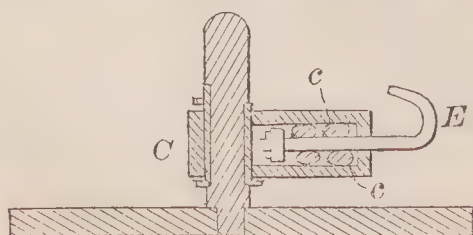
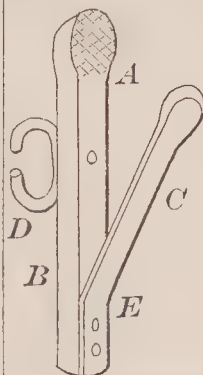
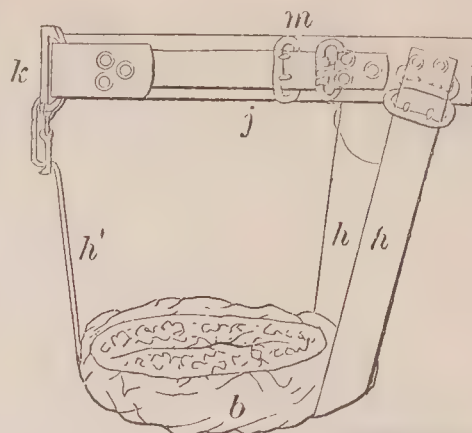
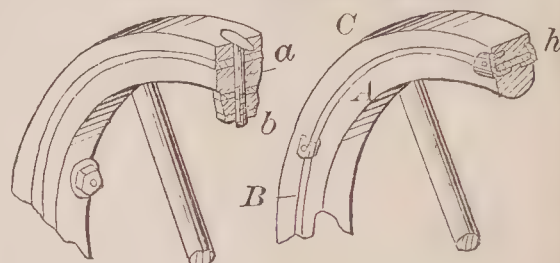
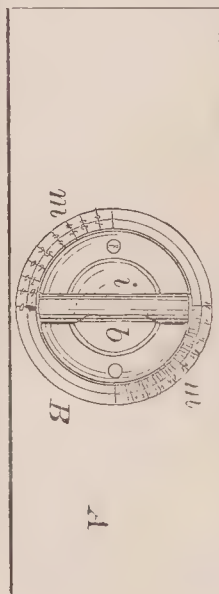
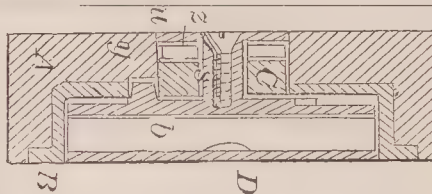
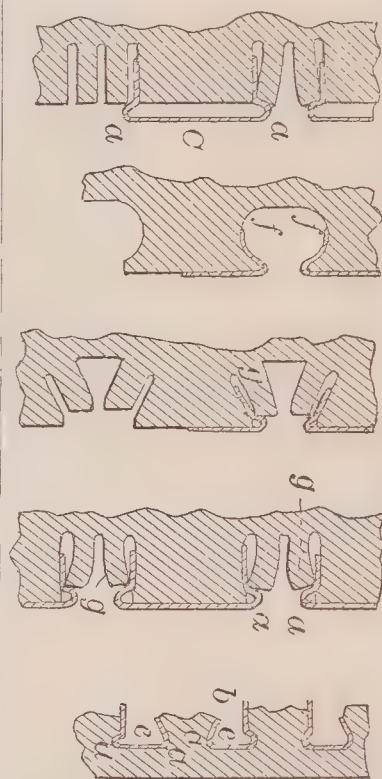
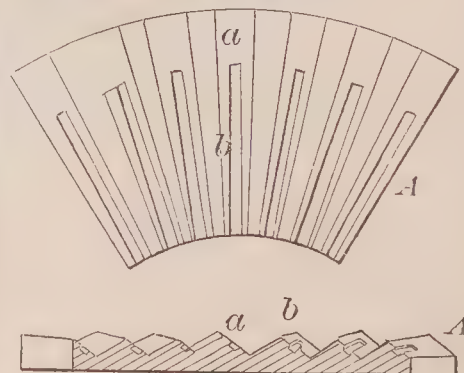
84871—Fisk & Blodgett—*Shoemakers' Bench.*



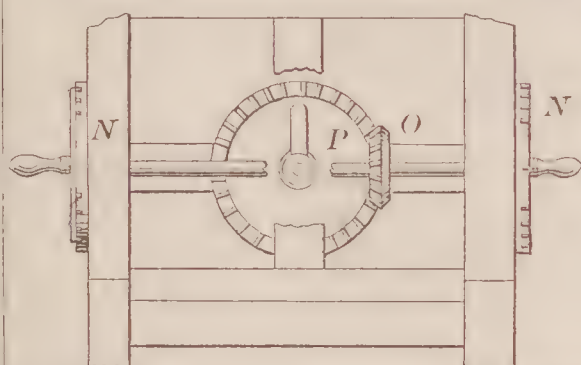
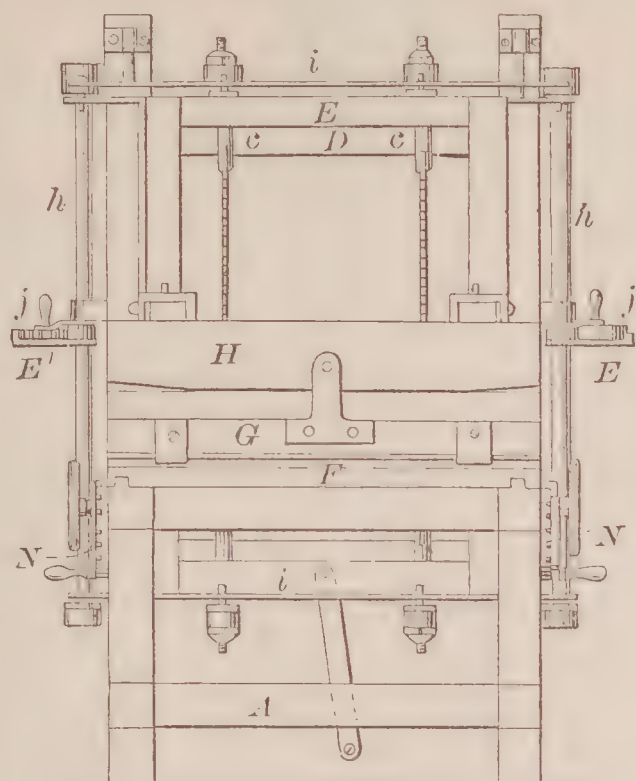
84869—H. Fischer—*Blank Book.*



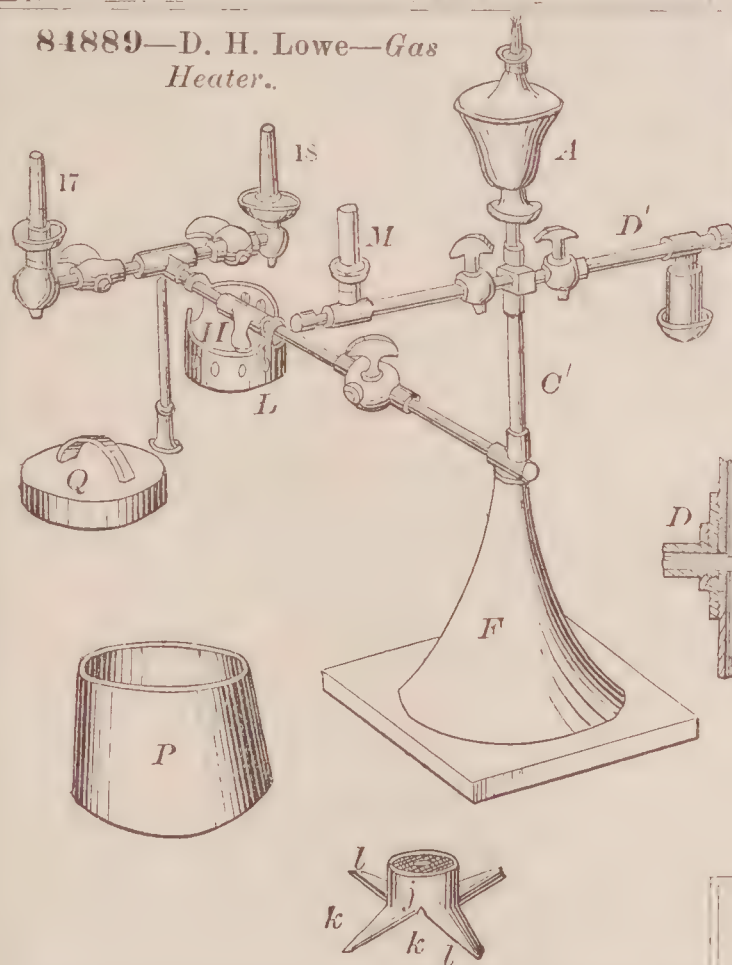


84872—W. T. Flinn—*Loom.*84875—H. P. Garabedian—*Pipe Coupling.*84879—E. W. Hewitt—*Harrow.*84883—M. Keefer—*Rock Drill.*84885—Leach & Hutchins—*Fishing Tackle.*84886—Leach & Hutchins—*Revolving Pile Hook.*84873—C. S. H. Foster—*Belting Cleat.*84876—J. I. Gorton—*Corn Husker.*84874—T. A. Gamage—*Menstrual Receiver.*84878—J. A. Greene—*Fastening Rubber Tires on Wheels.*84880—C. F. Hill—*Spirit Level.*84881—I. V. Holmes—*Metallic Lath.*84882—E. S. Hunt—*Fan.*

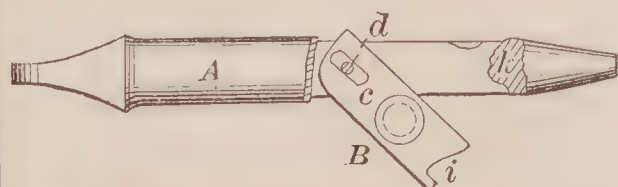
84884—C. F. Kuhnle—*Dovetailing Machine.*



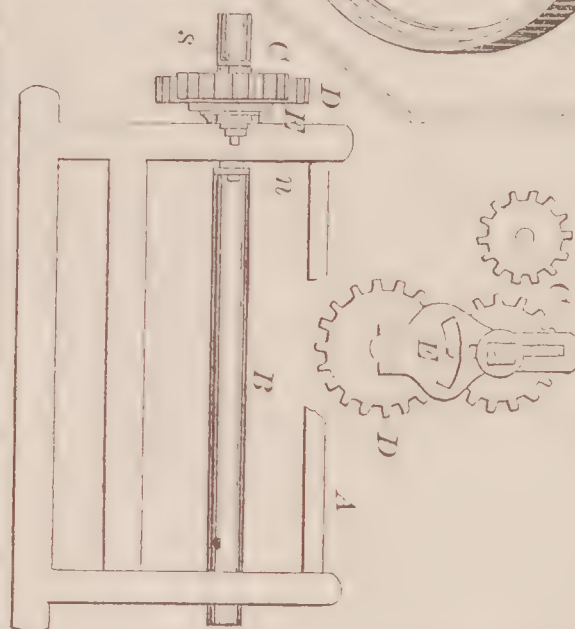
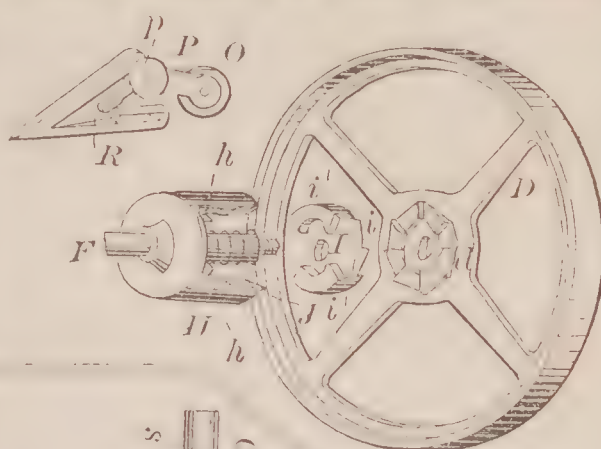
84889—D. H. Lowe—*Gas Heater.*



84891—Mann & Terry—*Seal Bolt for Railway Cars.*

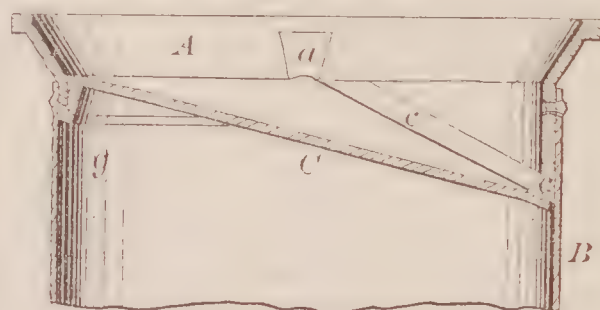


84887—Lighter & Curtis—*Harvester.*

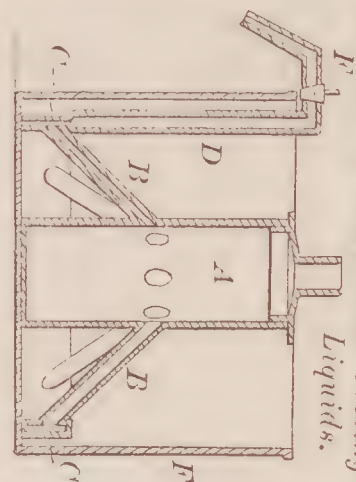


84895—D. E. Mc Sherry—*Wheat Drill.*

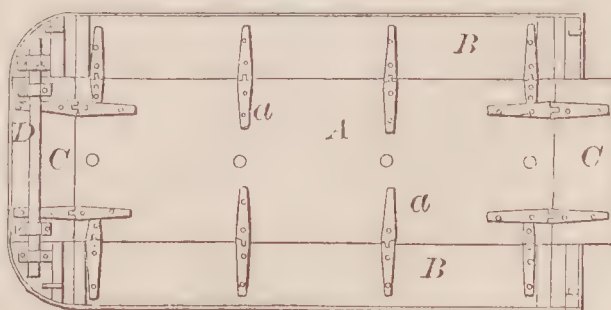
84890—E. Macy—*Base Burning Stove.*



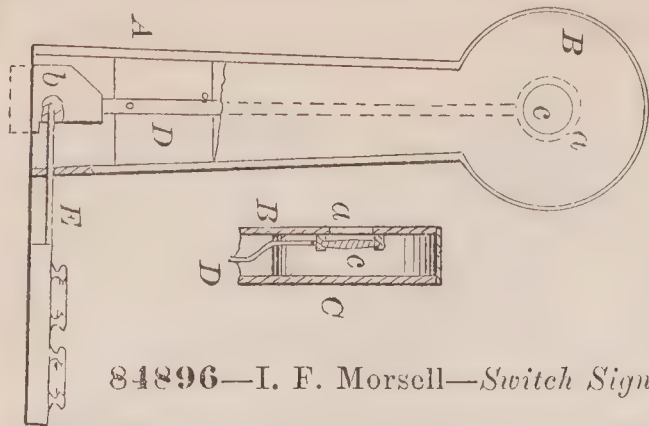
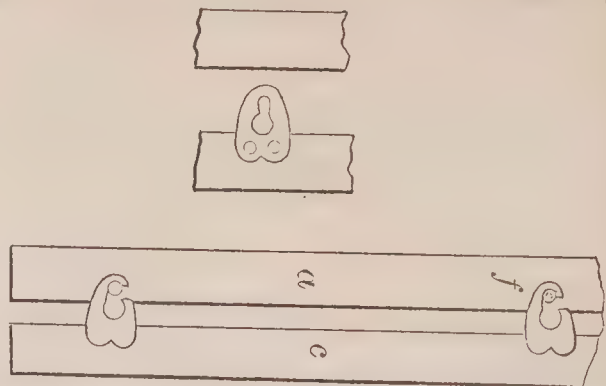
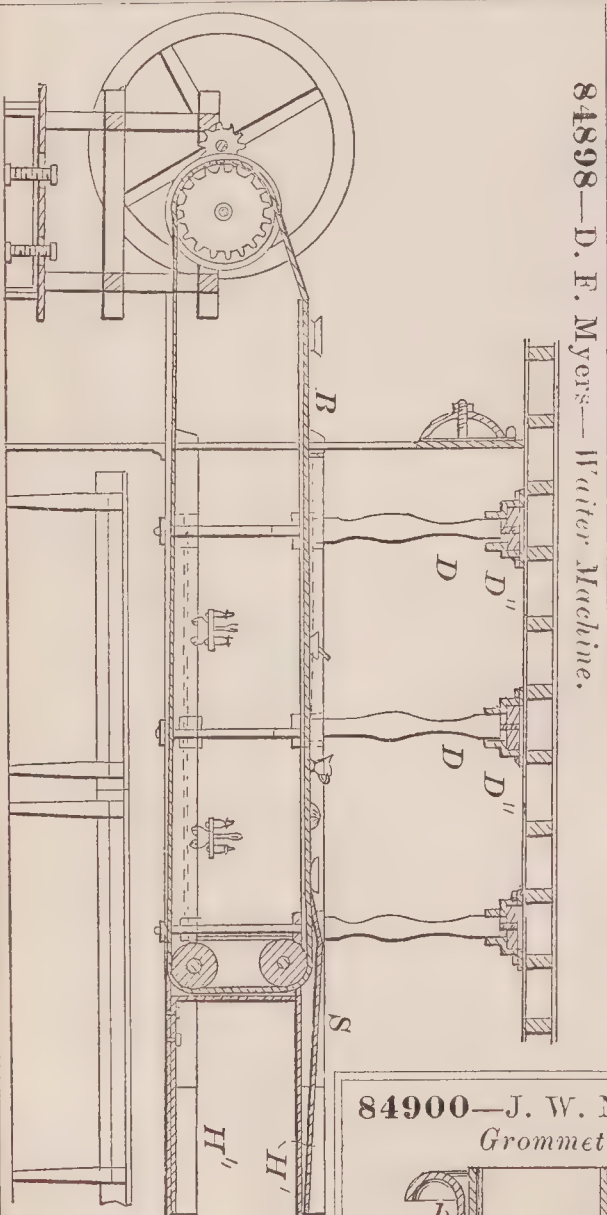
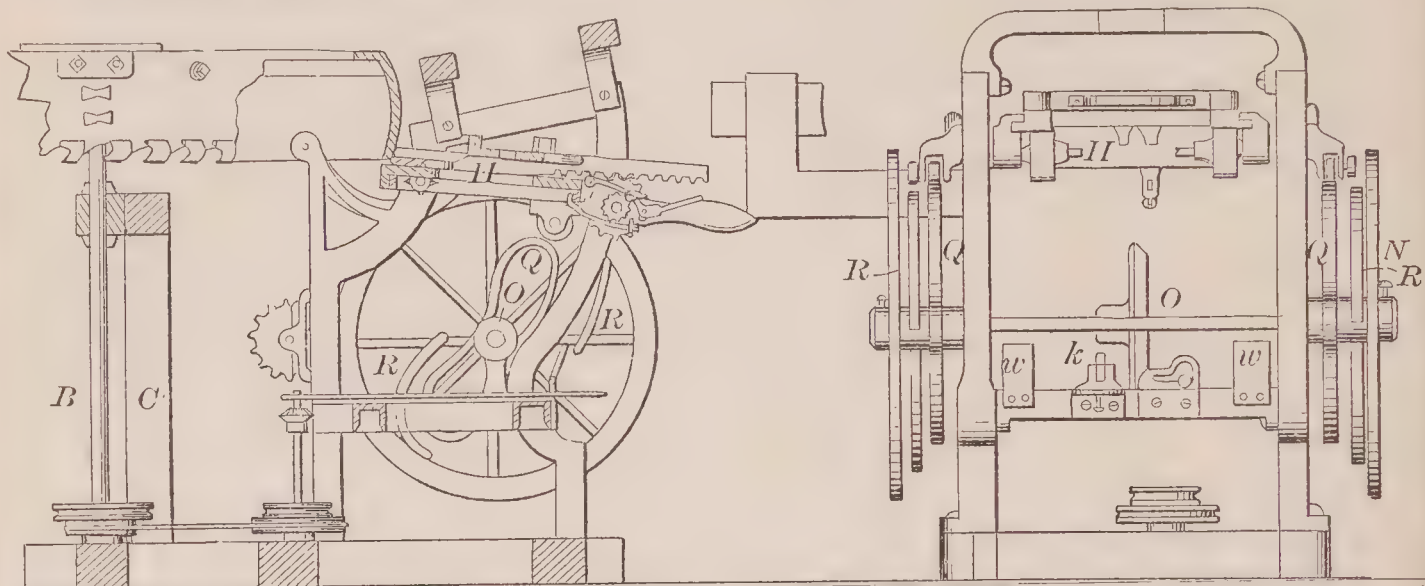
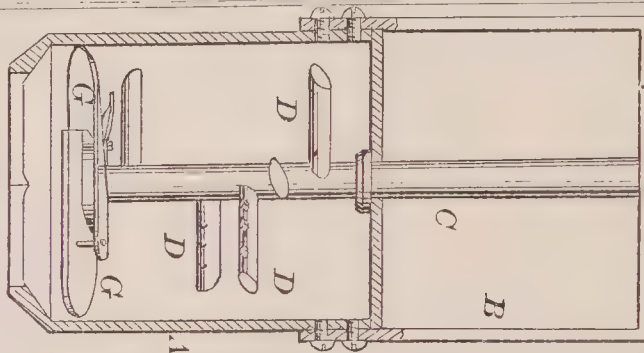
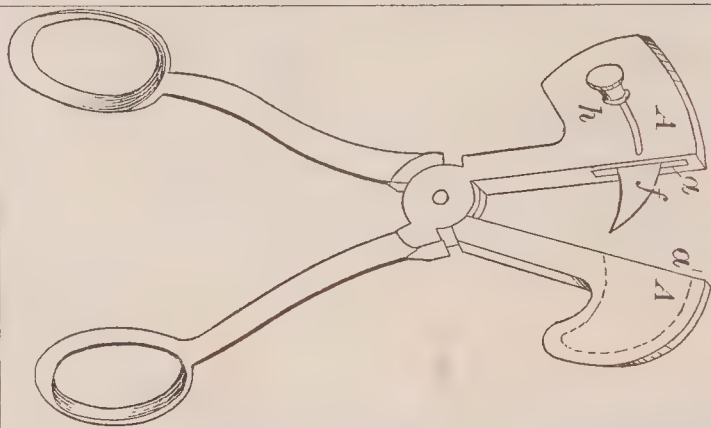
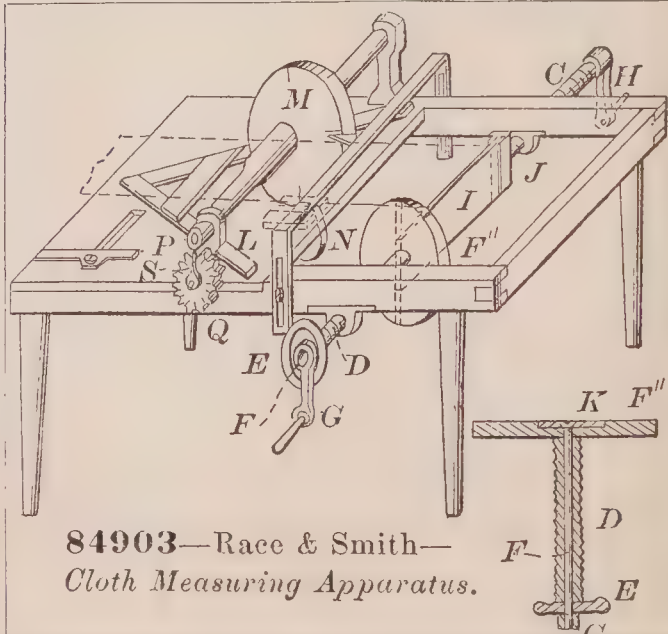
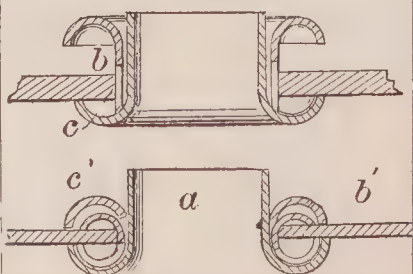
84888—J. Link—*For Cooling Liquids.*



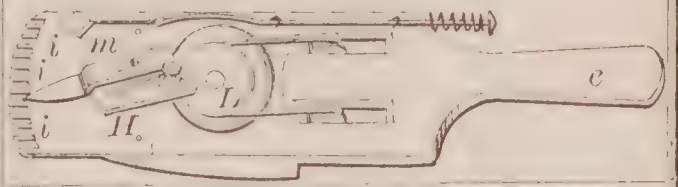
84892—T. M. Marcy—*Wagon Box.*



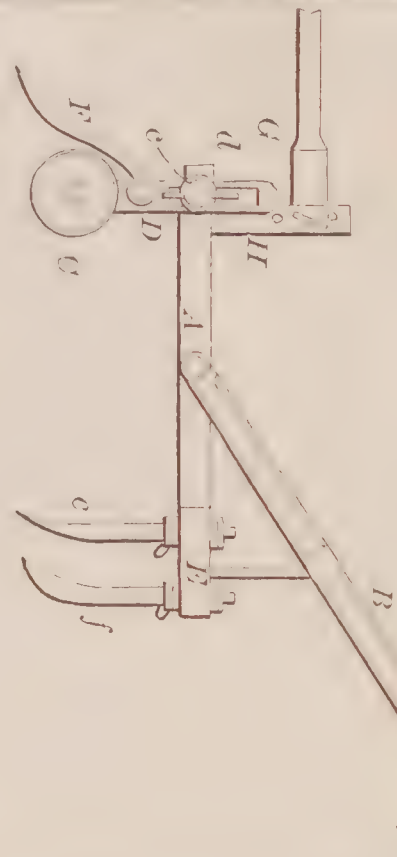


84896—I. F. Morsell—*Switch Signal.*84899—Niles & Marston—*Corset Fastening.*84897—C. Murdock—*Stave Machine.*84898—D. F. Myers—*Water Machine.*84901—  
J. W. Pearce—*Brick Machine.*84902—W. S. Porter—  
*Button Hole Cutter.*84900—J. W. Norcross—*Grommet.*84903—Race & Smith—  
*Cloth Measuring Apparatus.*

81905—H. A. Reid—*For Shearing Sheep.*



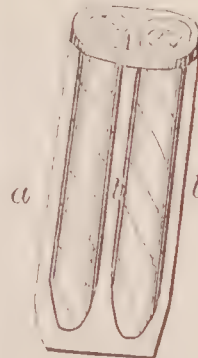
81910—Scheiblein & Heitzman—*Cultivator.*



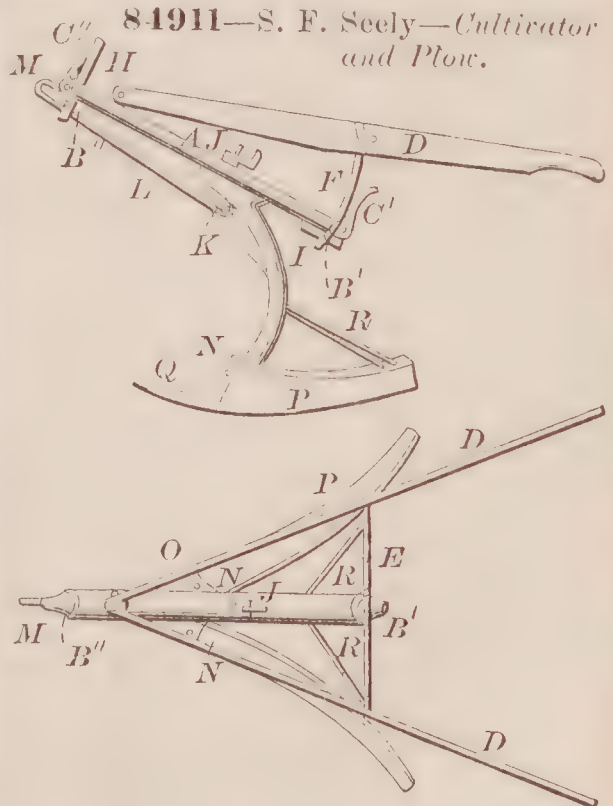
81908—S. W. Rogers—*Baking Pan.*



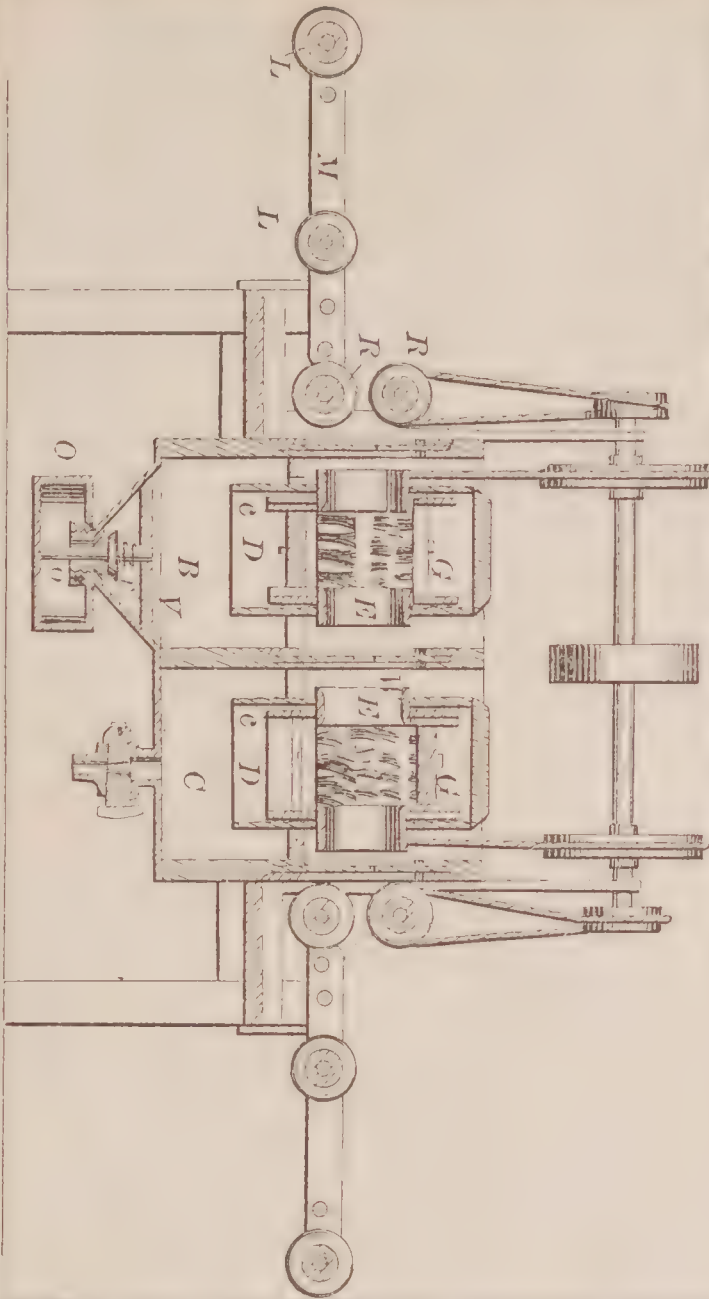
81906—S. N. Risley—*Vigar Case.*



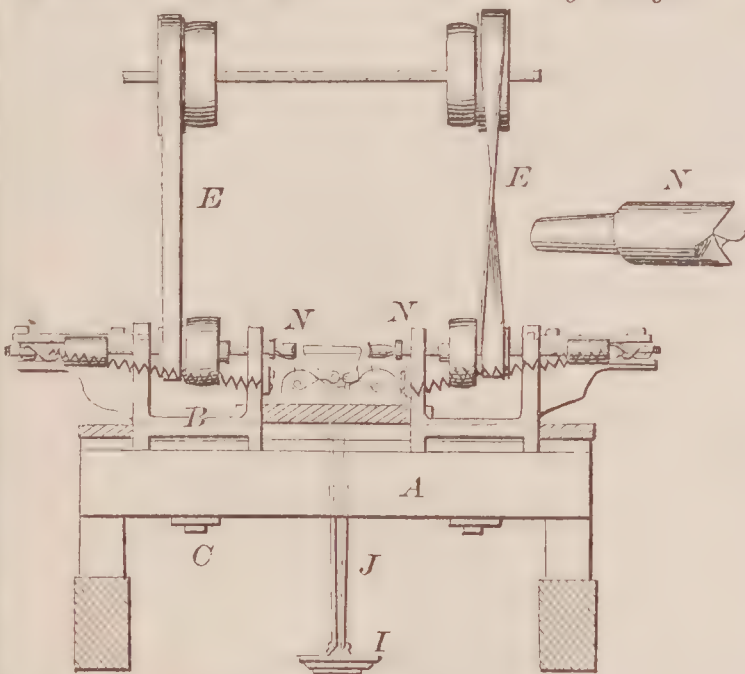
81911—S. F. Seely—*Cultivator and Plow.*



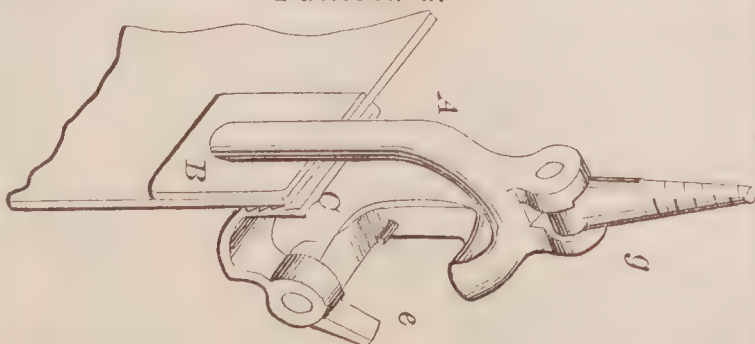
81901—Reed & Carrier—*For Washing Printers' Ink Rollers.*



81907—H. M. Ritter—*For Riveting Hinges.*

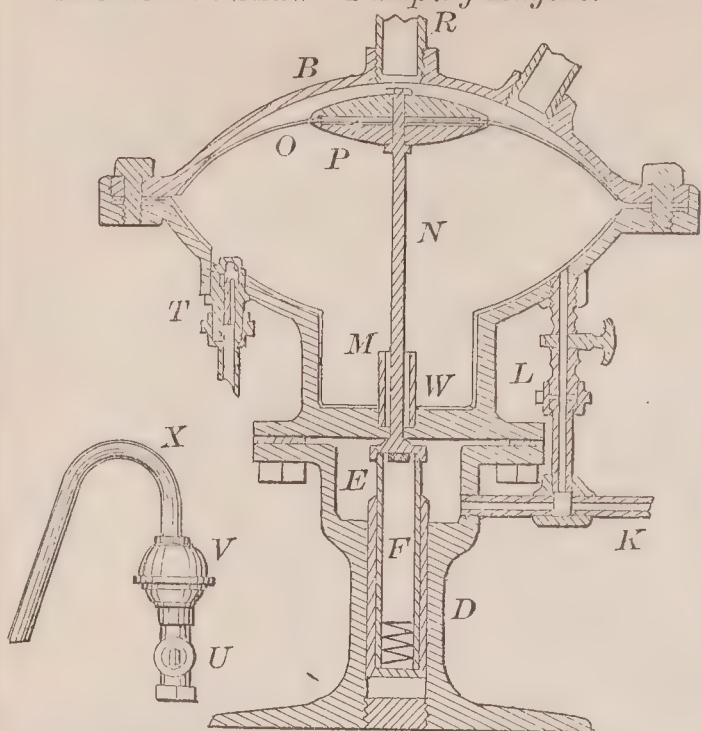


81909—E. H. Sampson—*Clamp for Suspending Pasteboard.*

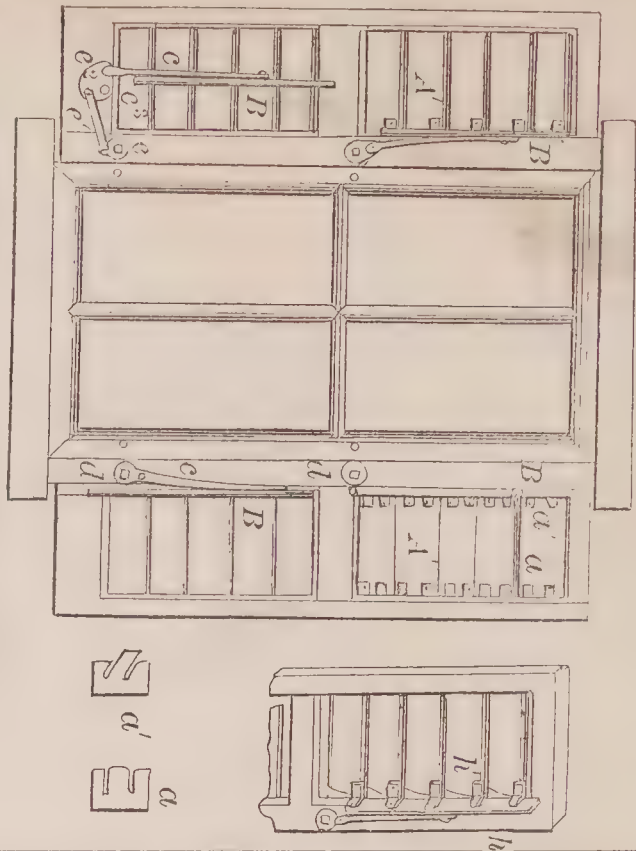




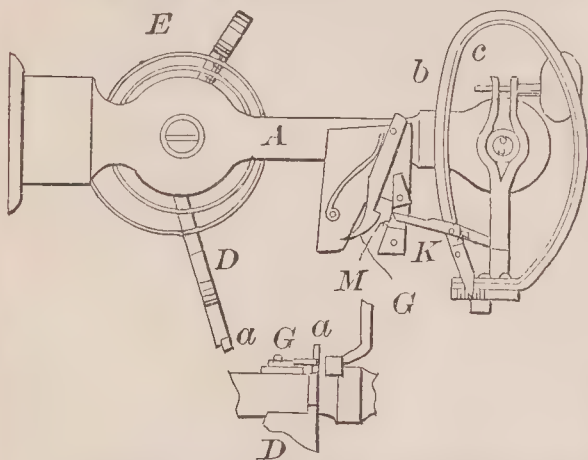
84912—T. Shaw—*Pumping Engine.*



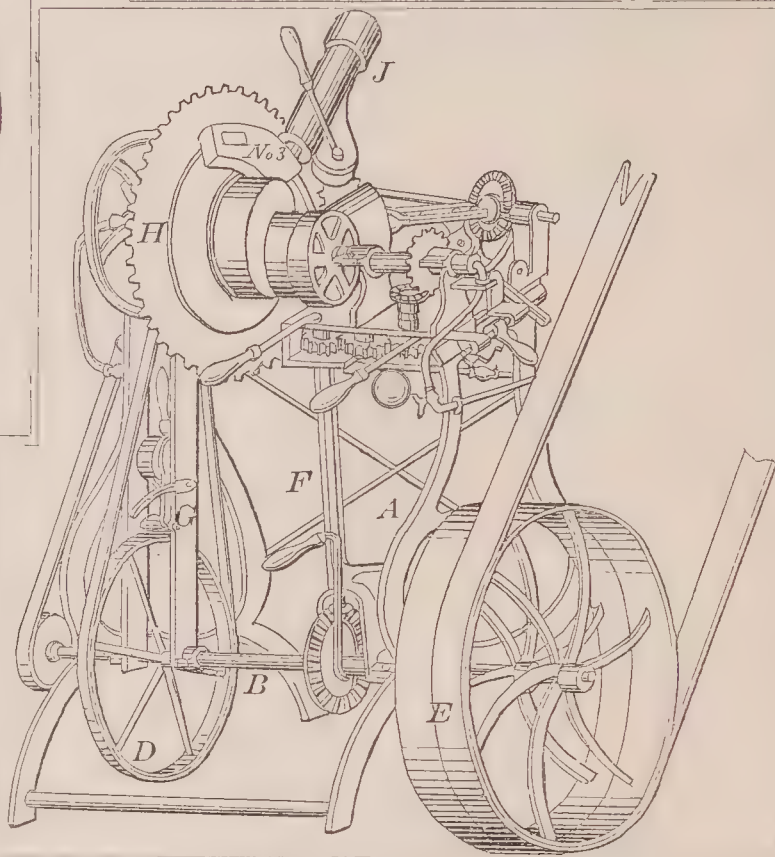
84913—S. M. Sherman—*Window Shutter.*



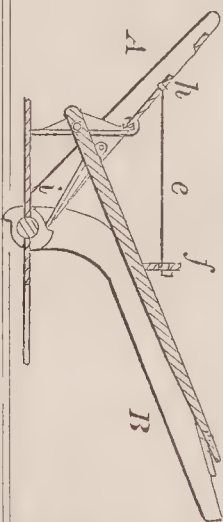
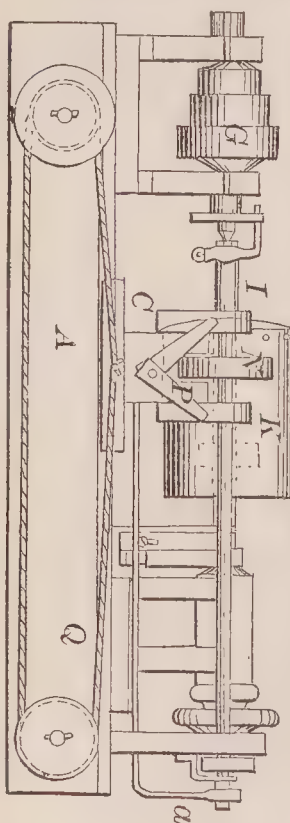
84914—G. E. Smith—*Gas Burner.*



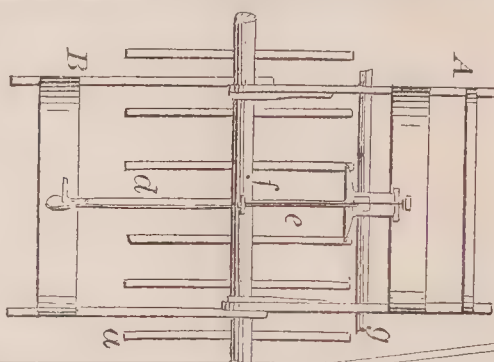
84915—Stout & Richardson—*Hat Ironing Machine.*



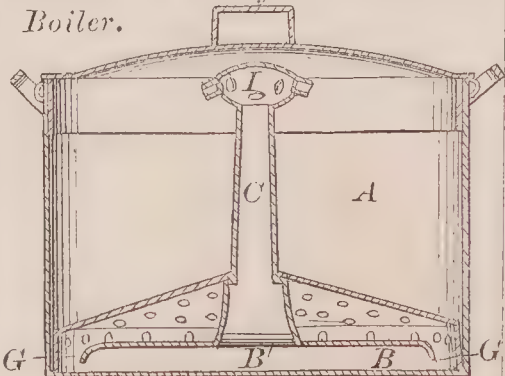
84916—E. E. W. & E. C. Strange—*Saw Grinder.*



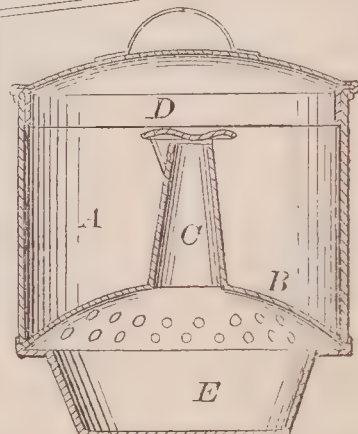
84917—E. J. Toof—*Horse Rack.*



84918—C. N. Tyler—*Wash Boiler.*

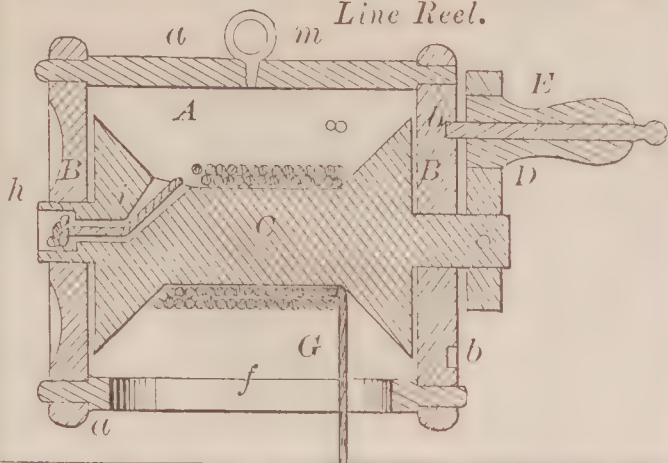


84923—J. B. Waring—*Wash Boiler.*

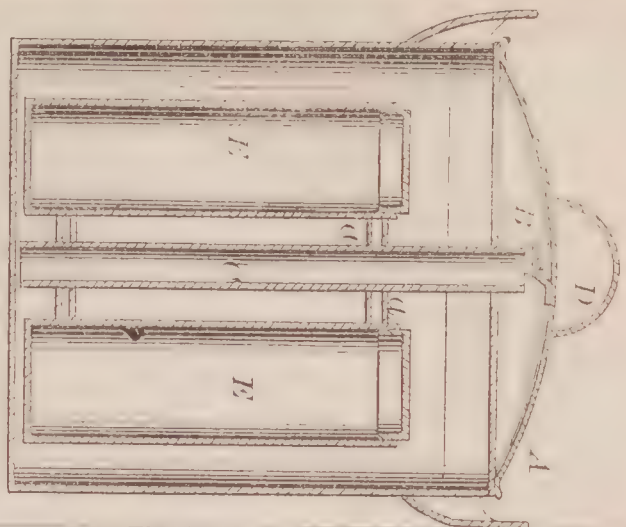




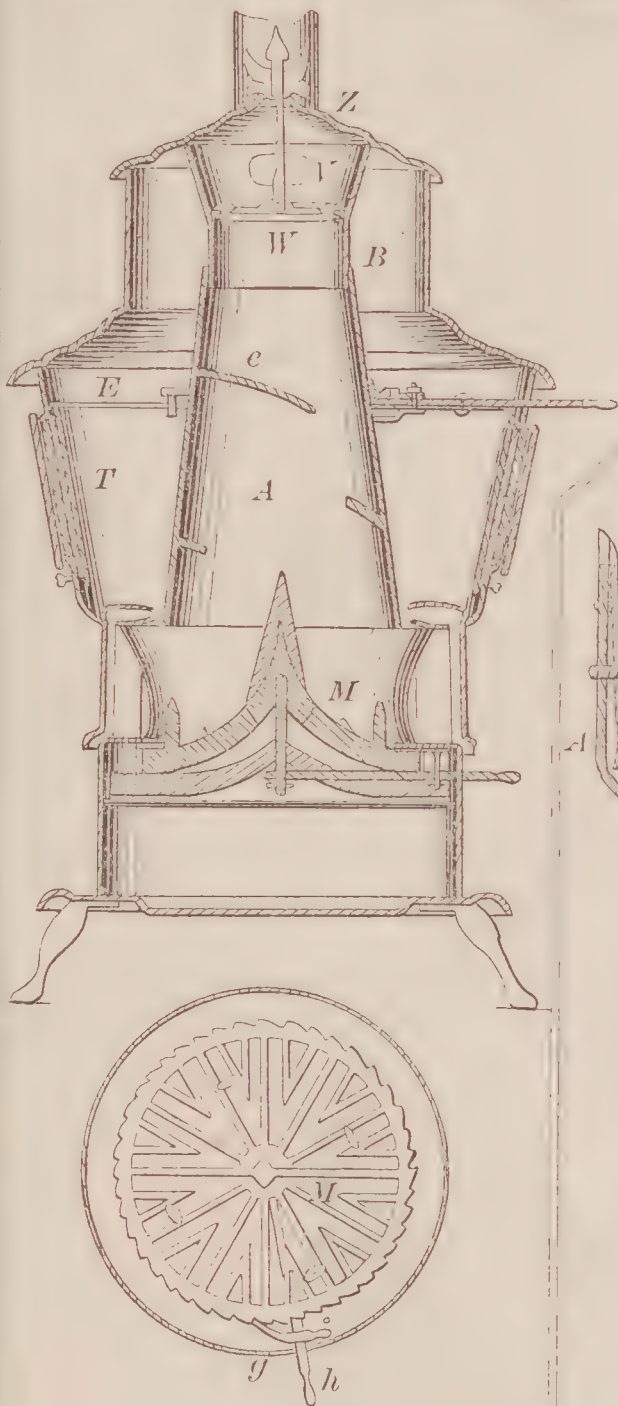
84919—Valentine & Stevens—*Clothes Line Reel.*



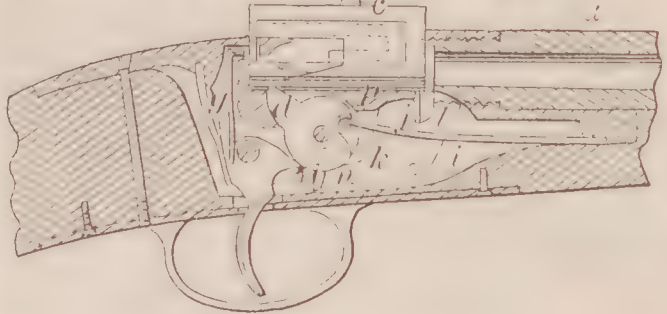
84921—H. M. Vicks—*Milk Can.*



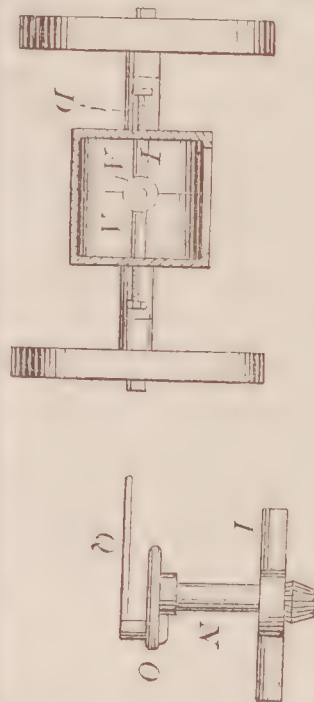
84920—H. B. Van Benthuyzen—*Stove.*



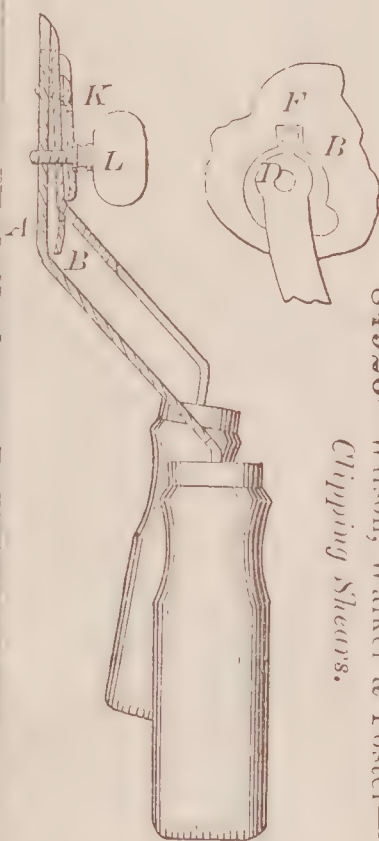
84922—E. von Jeinsen—*Fire Arm.*



84927—G. W. N. Yost—*Harvester.*



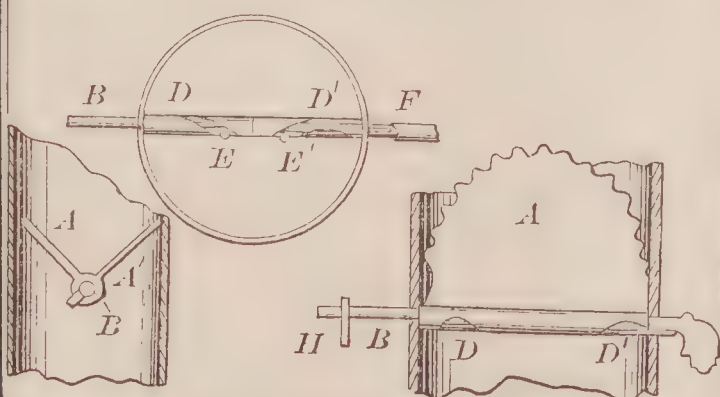
84926—Wilson, Walker & Foster—*Clipping Shears.*



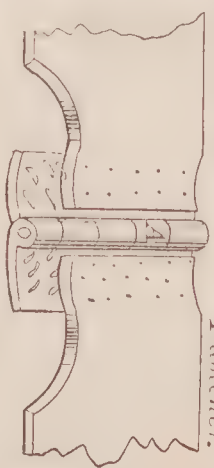
84928—W. H. Acker—*Clothes Dryer.*



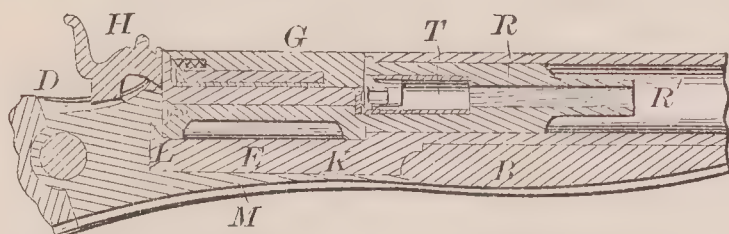
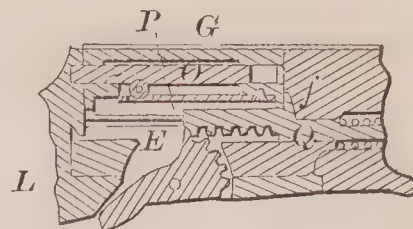
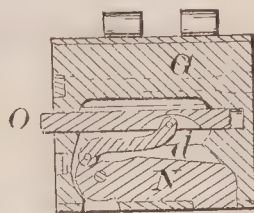
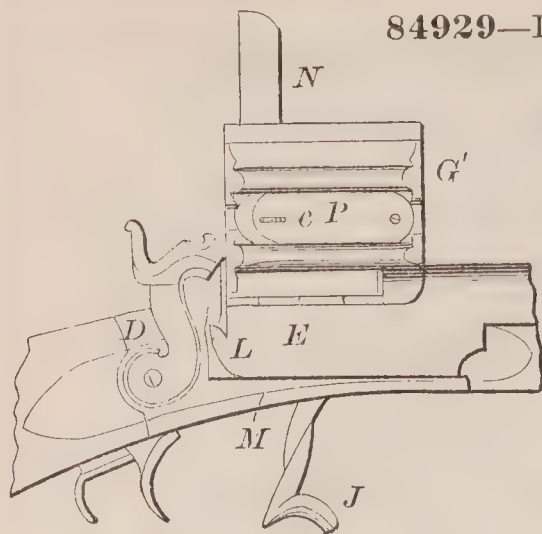
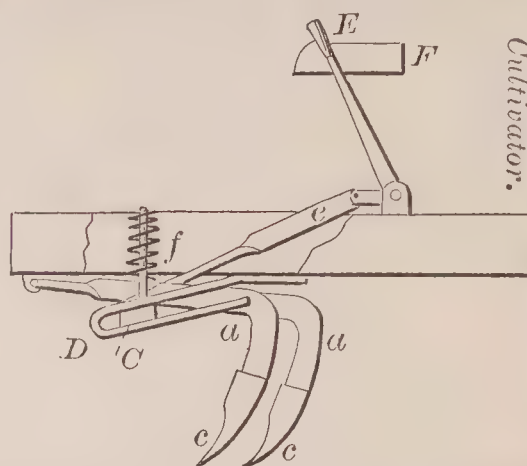
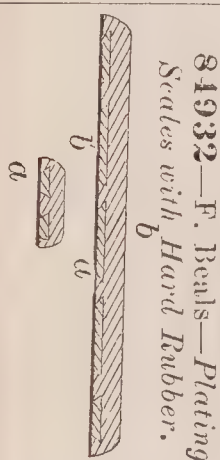
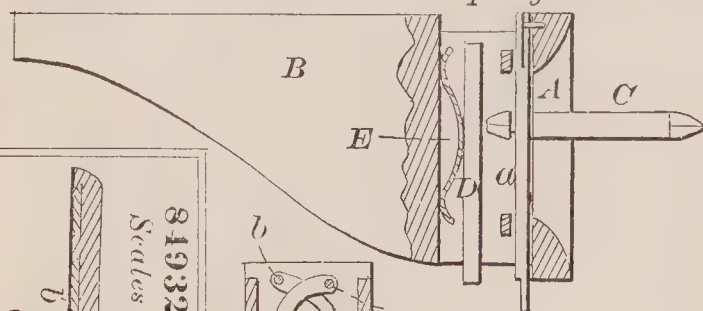
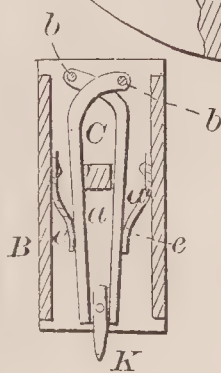
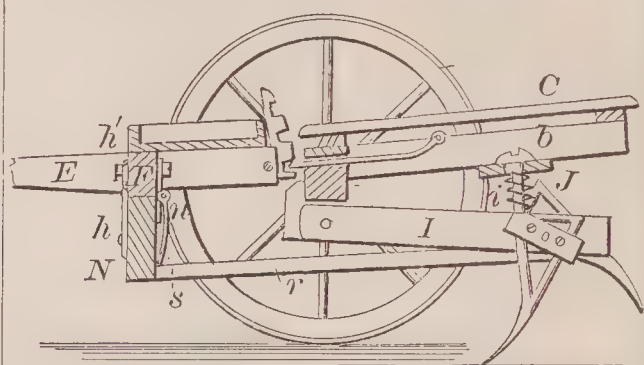
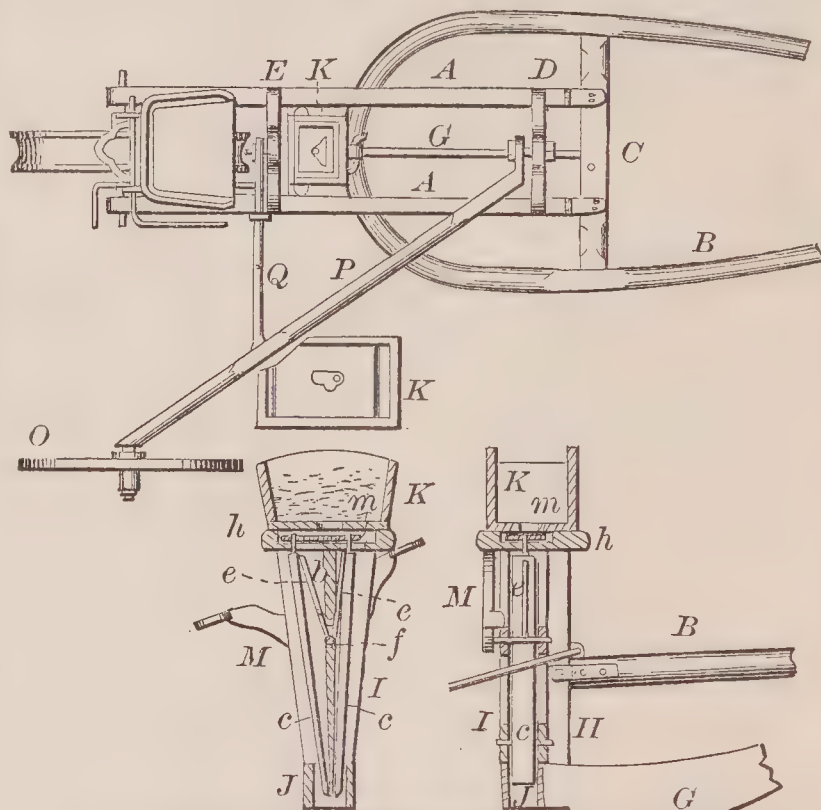
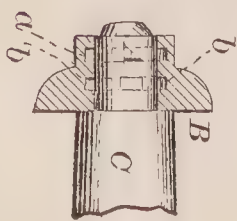
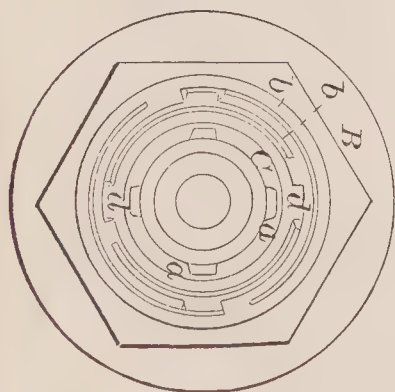
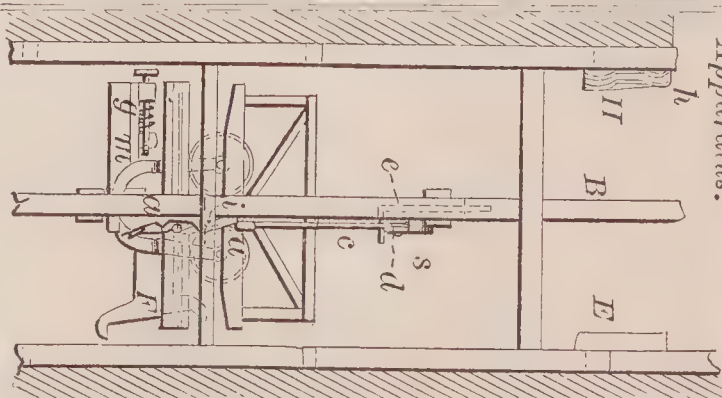
84930—L. O. Allen—*Stove Pipe Damper.*



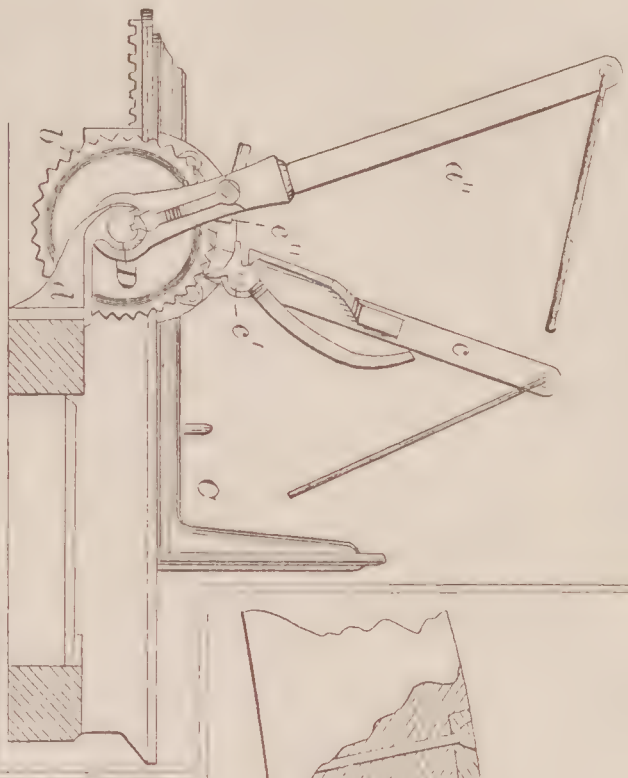
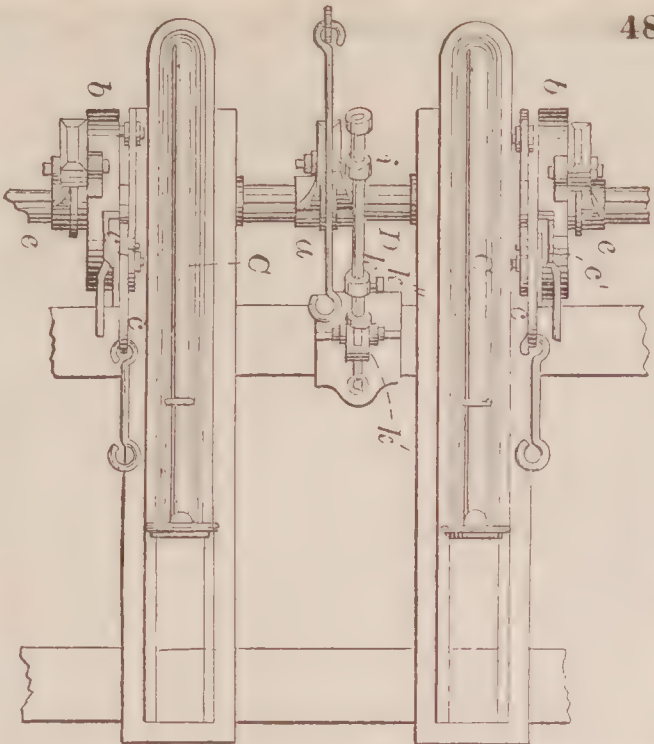
84925—F. G. Wilson—*Belt Fastener.*



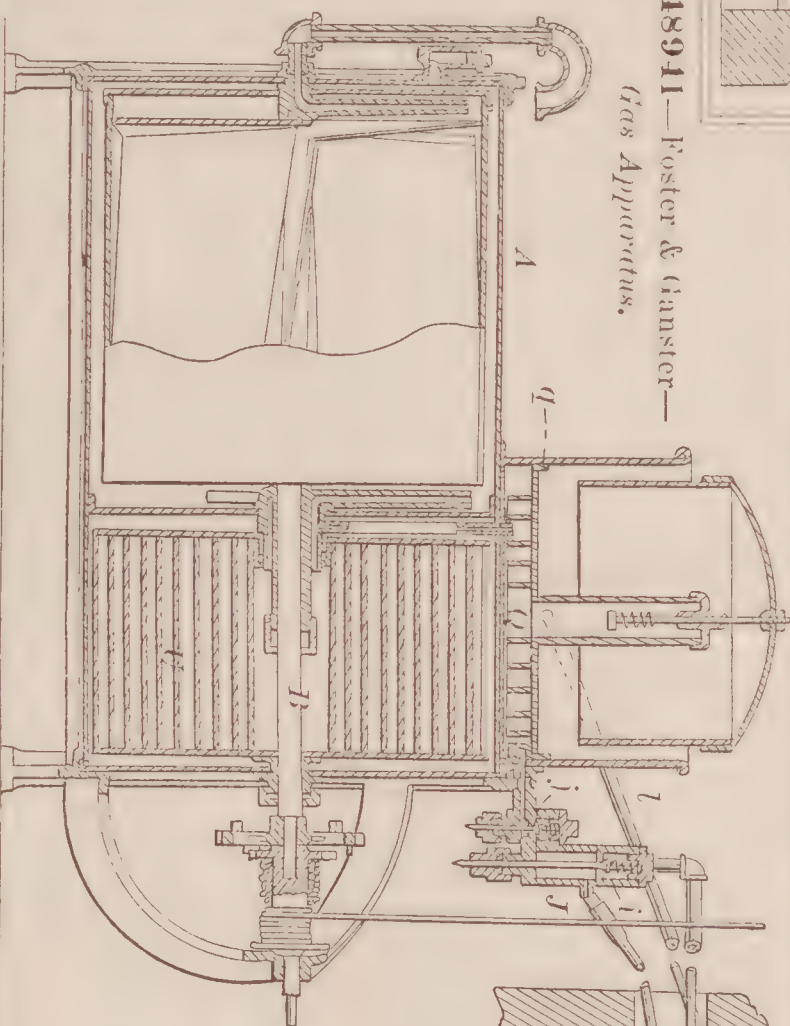


84929—E. Allen—*Fire Arm.*84935—J. H. Brinton—*Cultivator.*84933—W. G. Bell—*Car Coupling.*84932—F. Beals—*Plating Scales with Hard Rubber.*84931—C. Alvord—*Cultivator.*84936—J. D. Chambers—*Corn Planter.*84940—E. Finn—*Axle.*84939—W. B. Culver—*Hoisting and Dumping Apparatus.*

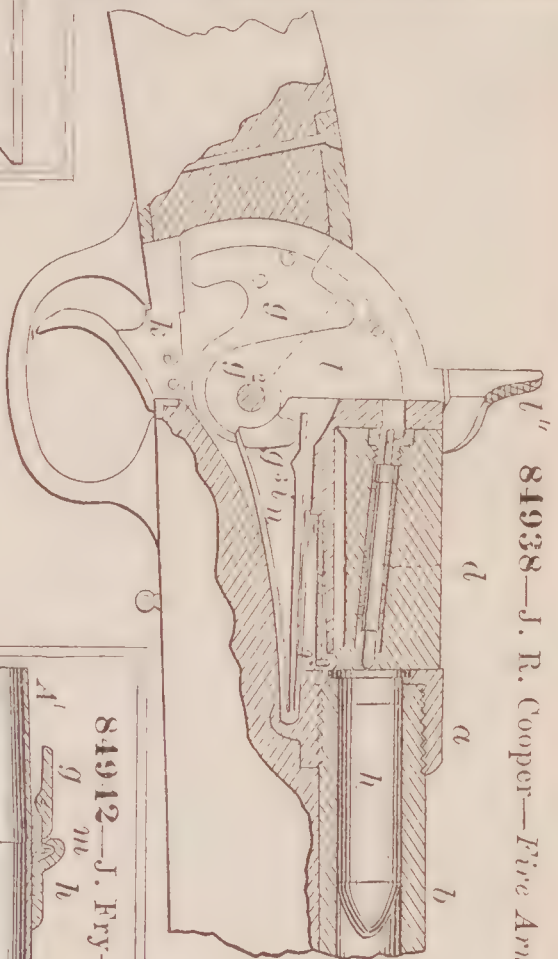
48937—J. F. Cook—Head Block.



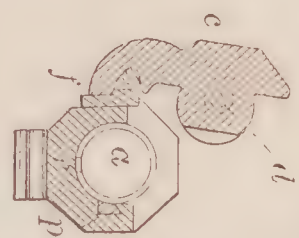
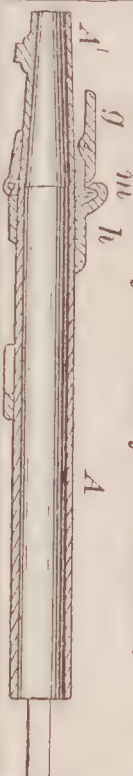
48941—Foster & Ganster—  
Gas Apparatus.



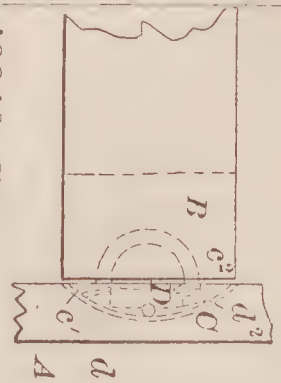
84938—J. R. Cooper—Fire Arm.



84912—J. Fry—Muzzle for Shot Guns.



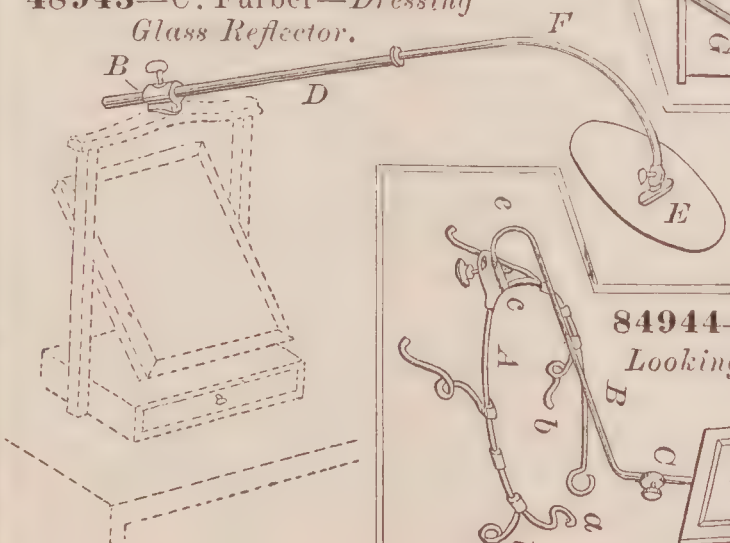
48949—W. Johnston—  
Bedstead Fastening.



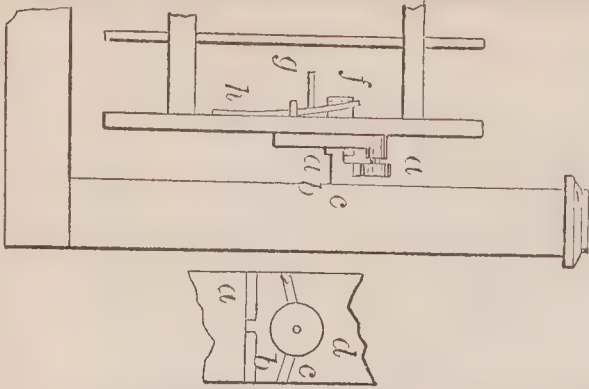
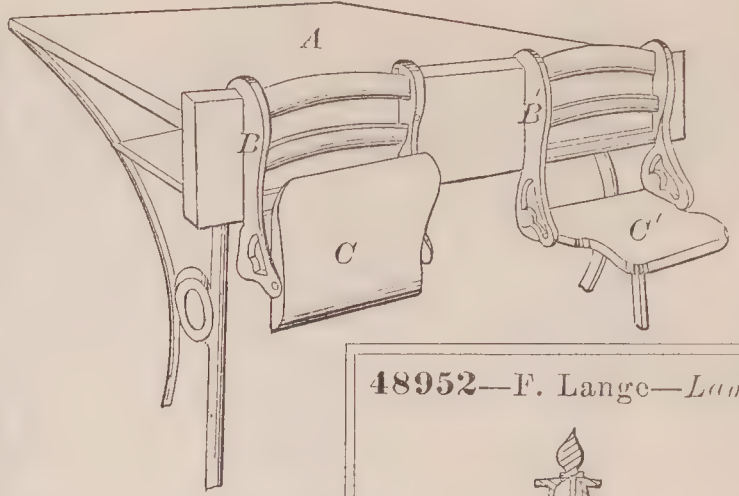
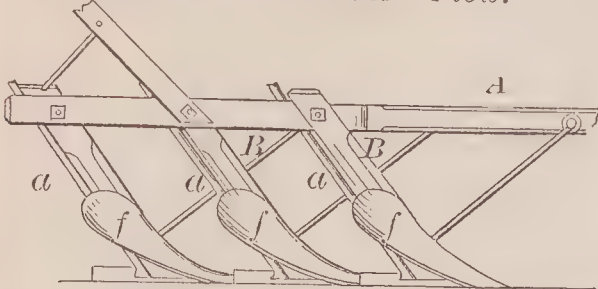
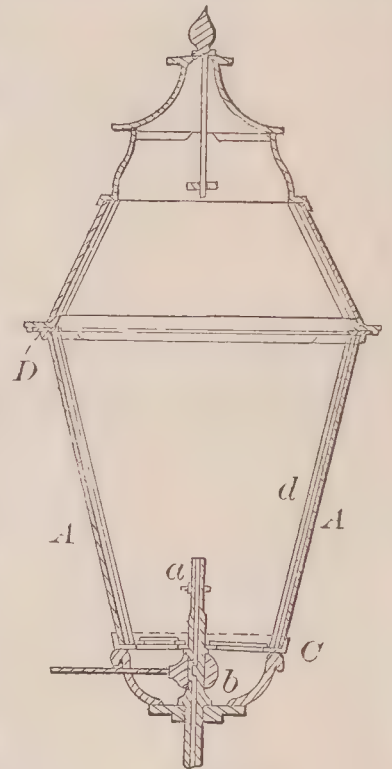
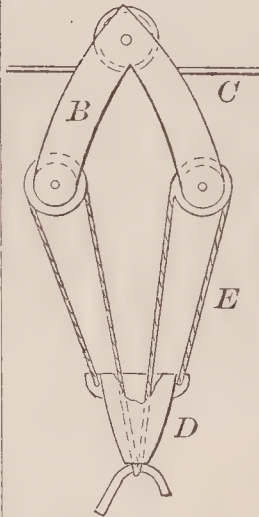
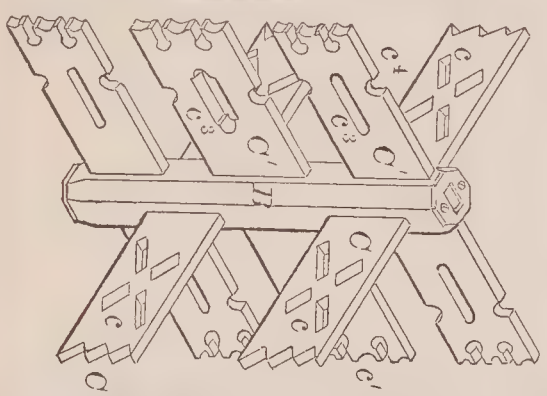
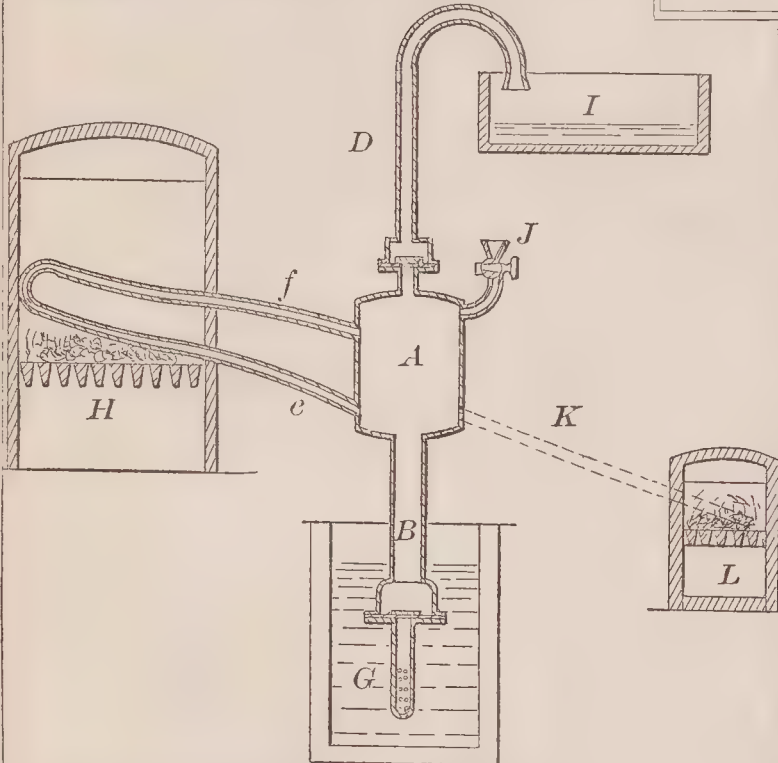
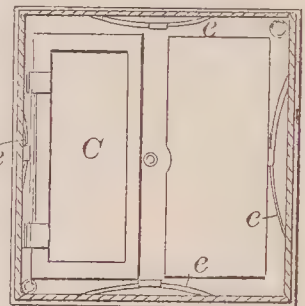
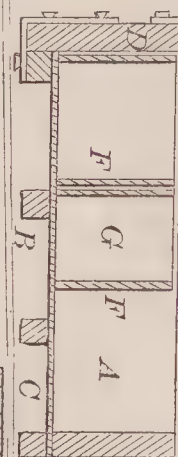
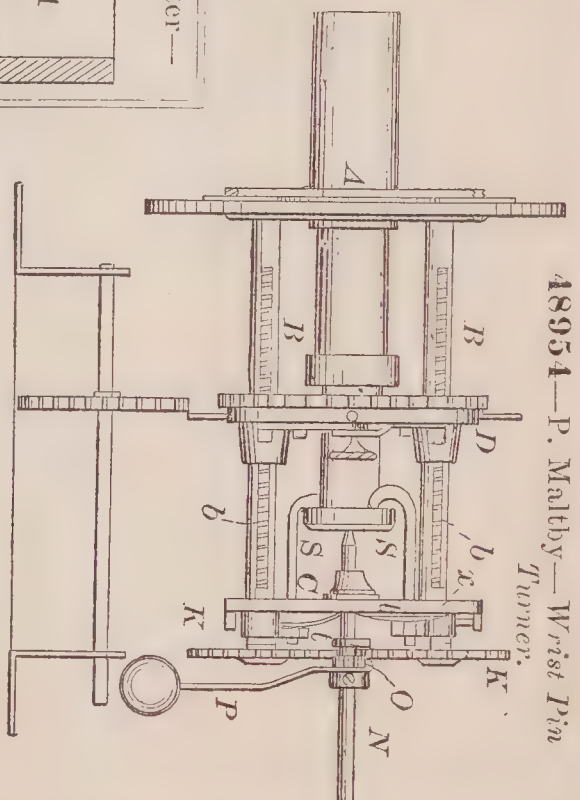
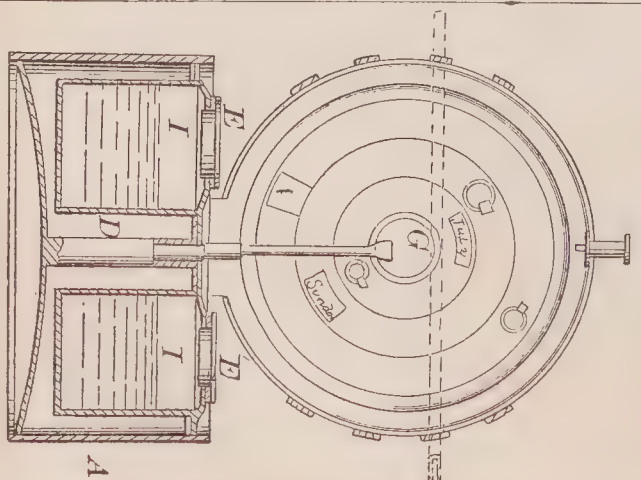
84944—W. H. Gray—  
Looking Glass Support.



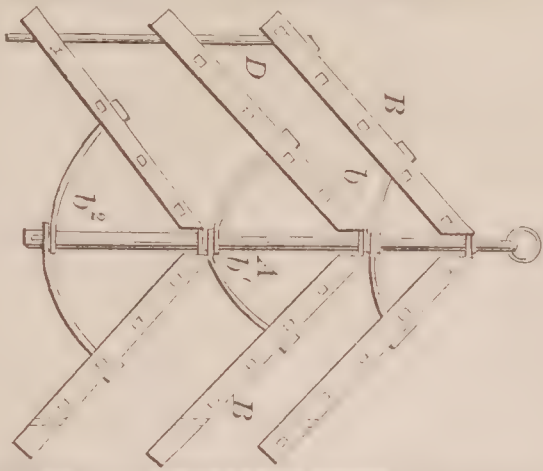
48943—C. Furber—Dressing  
Glass Reflector.



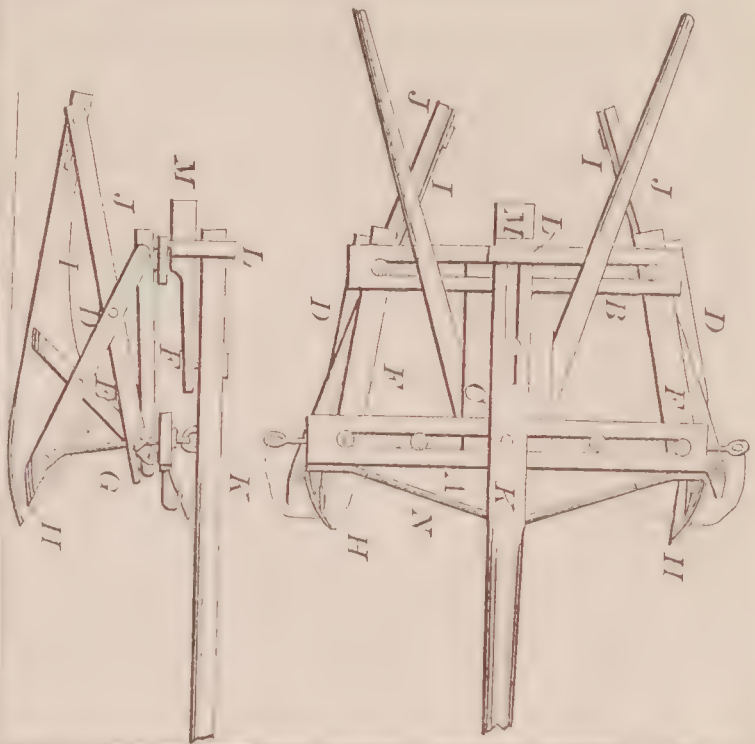


48945—B. Hendrickson—*Gate Latch.*48947—A. Hutchinson—*School Desk and Seat.*84946—W. U. Hoover—*Plow.*48952—F. Lange—*Lamp.*84951—J. H. Kutner—*Suspender for Scissors.*84953—Lord & Thomson—*Churn Dasher.*84948—J. Johnson—*Pumping Device.*84955—A. D. Manchester—*Propagating Box.*48954—P. Maltby—*Wrist Pin Turner.*84950—J. M. Kennedy—*Inkstand.*

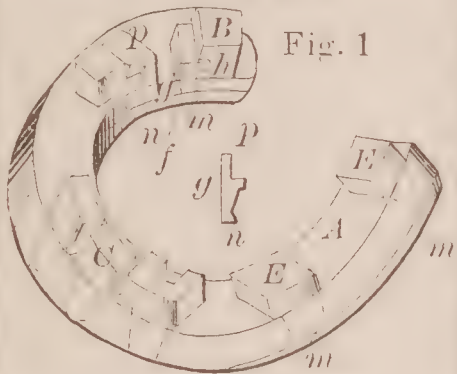
48956—B. T. Martin—*Harrow.*



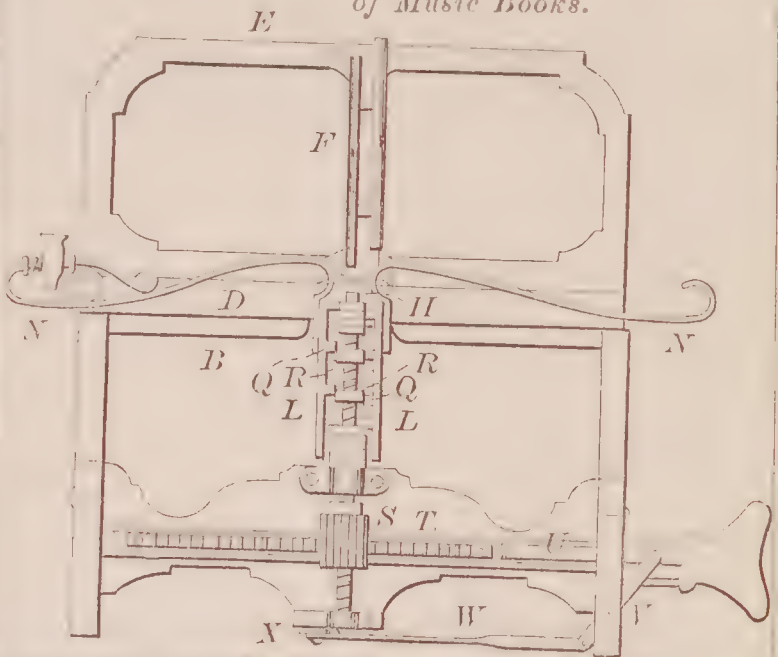
84957—T. J. Mason—*Plowing Hoe.*



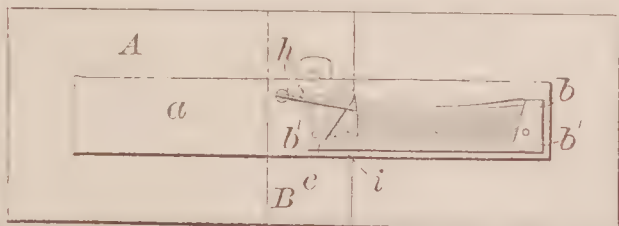
48958—J. J. Mervesp—*Horse Shoe.*



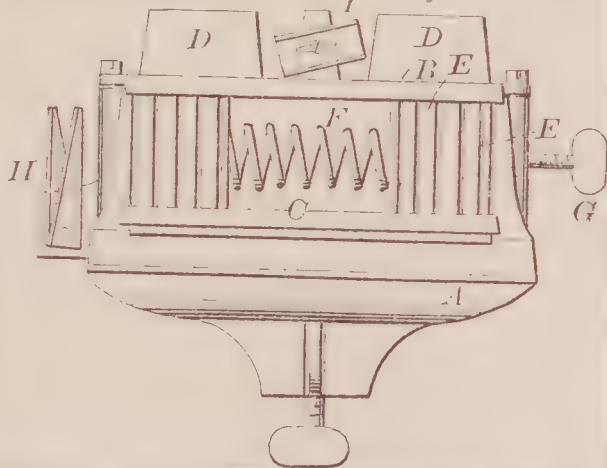
48962—A. K. Noyes—*For Turning the Leaves of Music Books.*



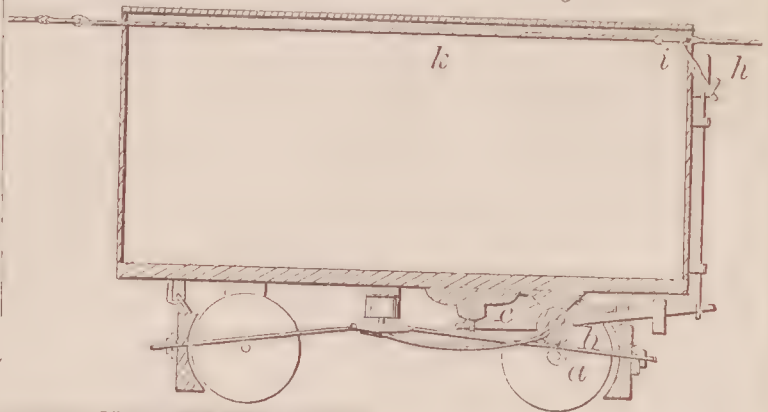
84959—N. Meyers—*Sewing Machine.*



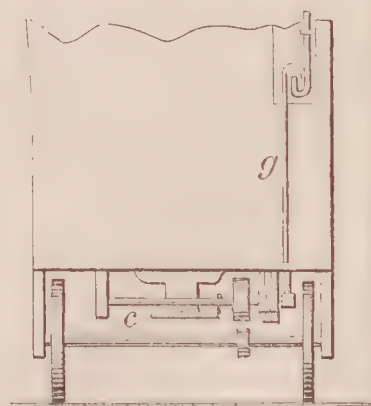
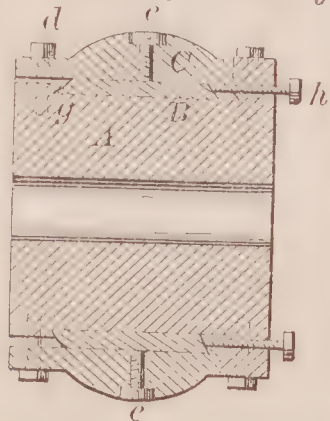
48960—W. Miller—*Knife Cleaner.*



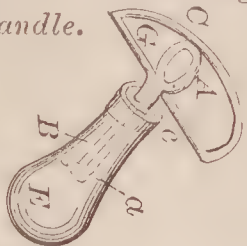
84963—D. J. Parmele—*Railway Car Brake.*



48964—D. W. Perry—*Tool for Cutting Mouldings.*



48966—W. F. Redding—*Stove Door Handle.*

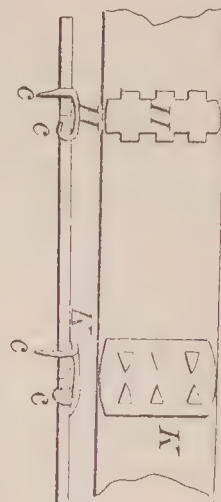
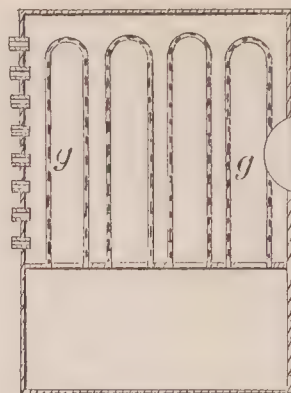
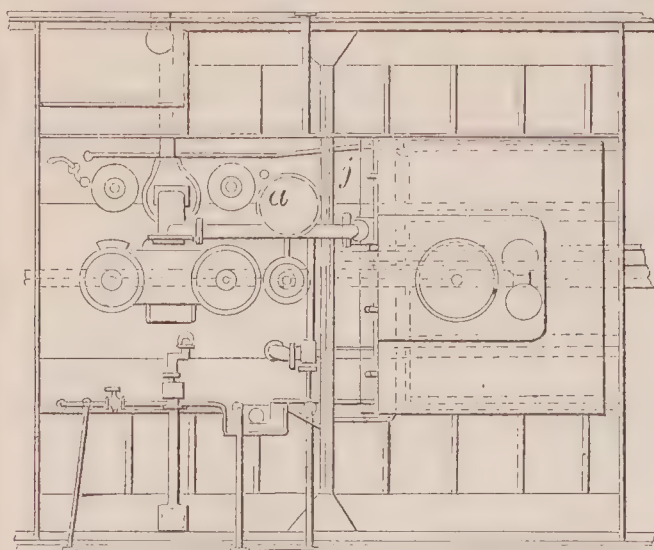
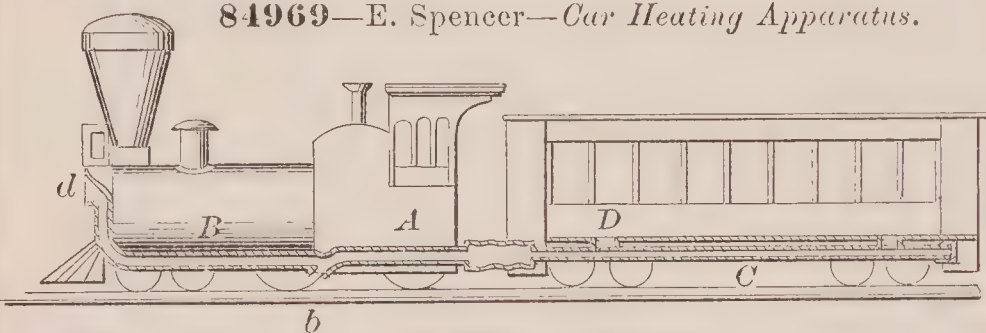
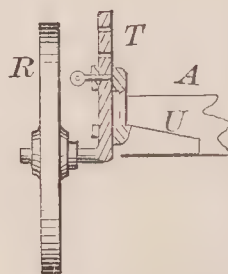
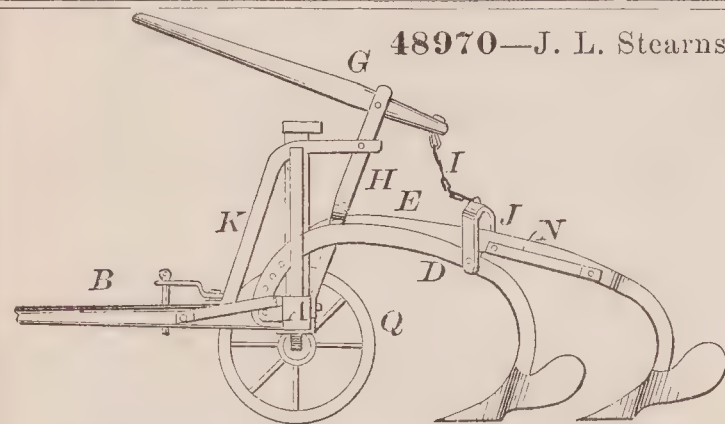
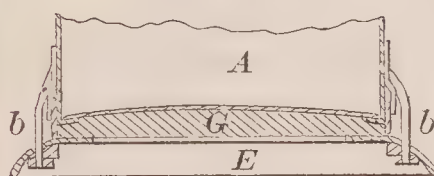
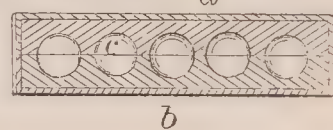
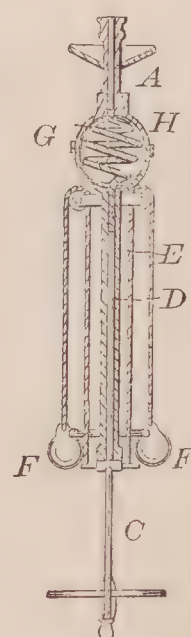
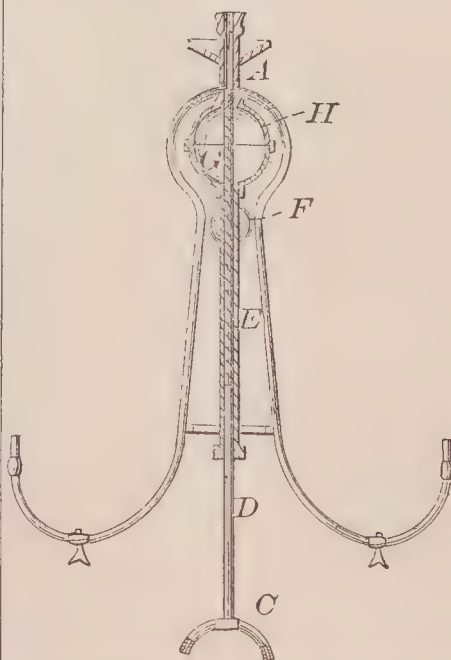
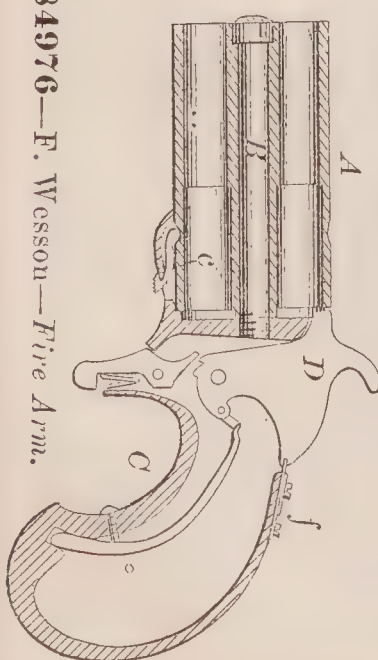
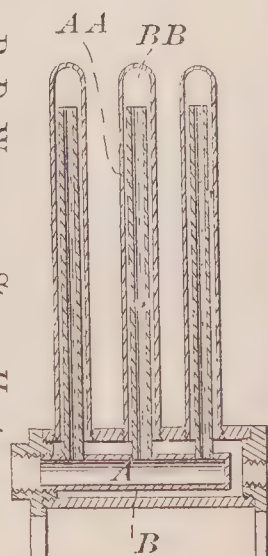


84965—F. Pinckard—

*To keep the Mouth Closed during Sleep.*





84967—P. Salmon—*Manufacture of Gas.*48968—C. G. Sargent—*Belt Hook.*84969—E. Spencer—*Car Heating Apparatus.*84971—B. C. Stephens—*Millstone Dress.*48970—J. L. Stearns—*Plow.*48974—D. H. Tierney—*Necktie Fastening.*84973—L. A. Sunderland—*Milk Can.*48972—B. F. Stephens—*Pill Box.*84975—J. F. Tavis—*Chandelier.*84976—F. Wesson—*Fire Arm.*84977—P. D. Wesson—*Steam Heater.*

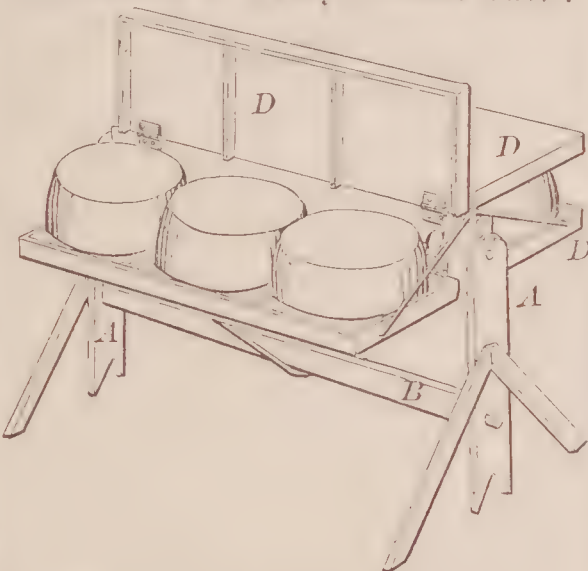
84978—S. Wilks—*Water Back for Ranges.*



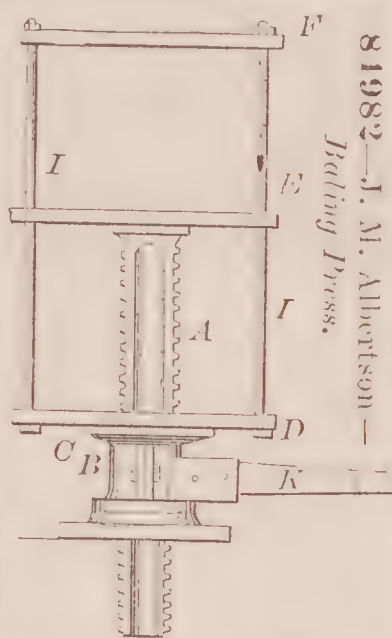
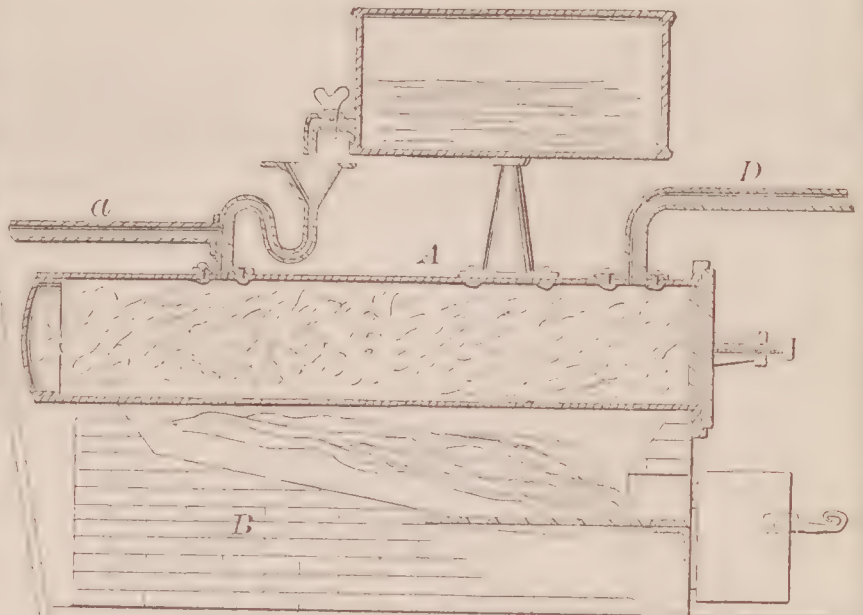
84979—J. Willis—*Sled Brake.*



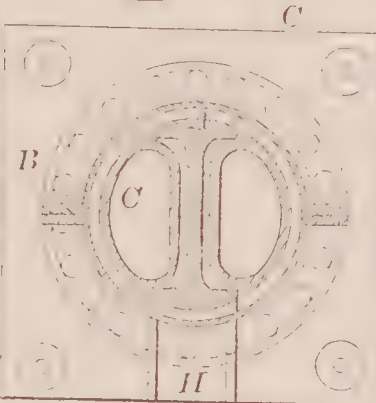
84980—E. L. Yancy—*Cheese Table.*



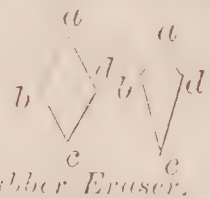
84981—J. Absterdam—*Manufacture of Illuminating Gas.*



84982—J. M. Albertson—*Bolting Press.*

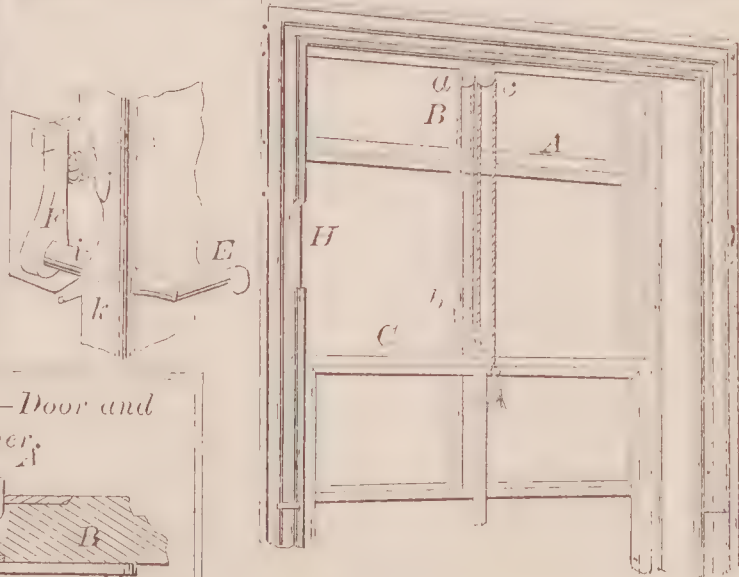


84983—W. N. Bartholomew—

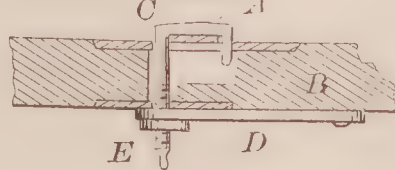


*Rubber Eraser.*

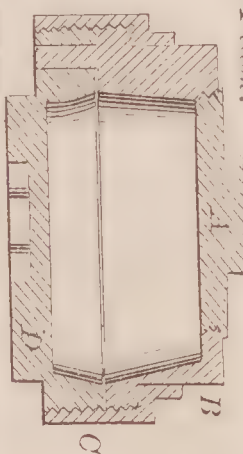
84987—A. Bedford—*Sash Fastener and Adjuster.*



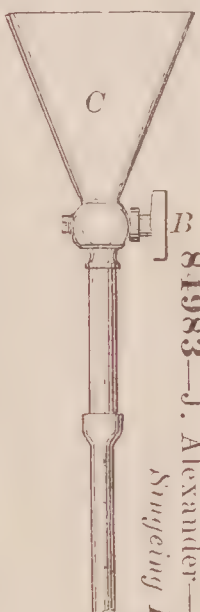
84984—J. Auser—*Door and Shutter Fastener.*



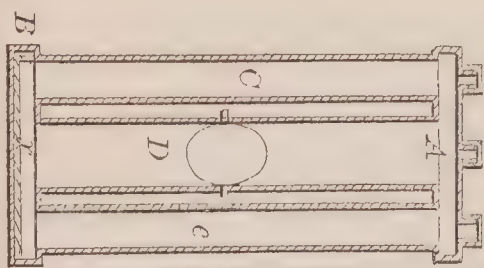
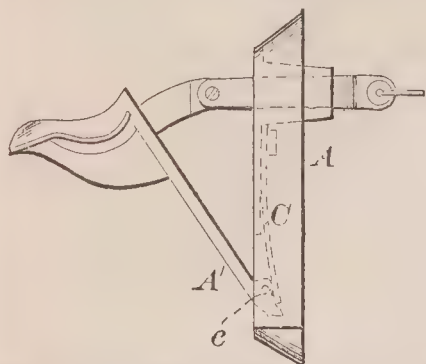
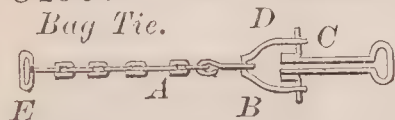
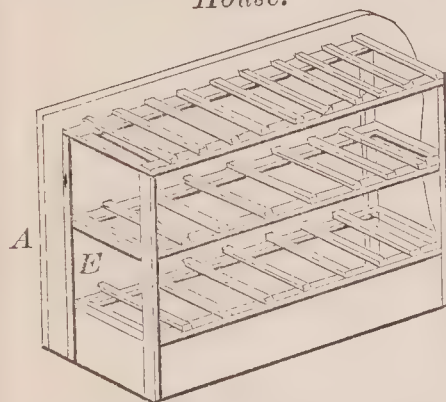
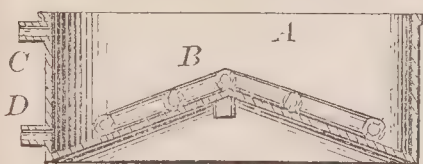
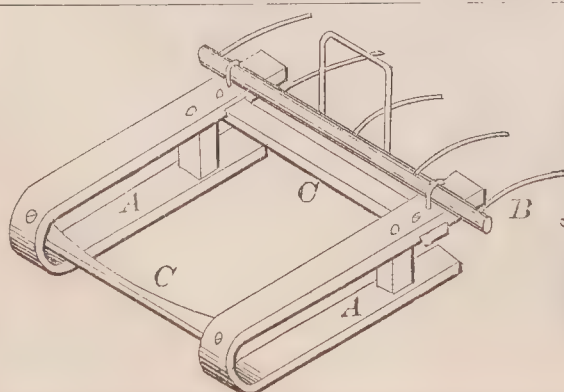
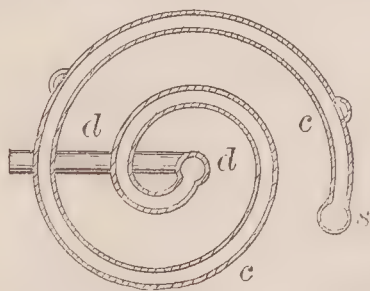
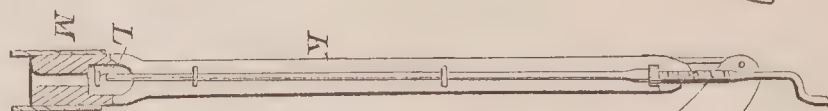
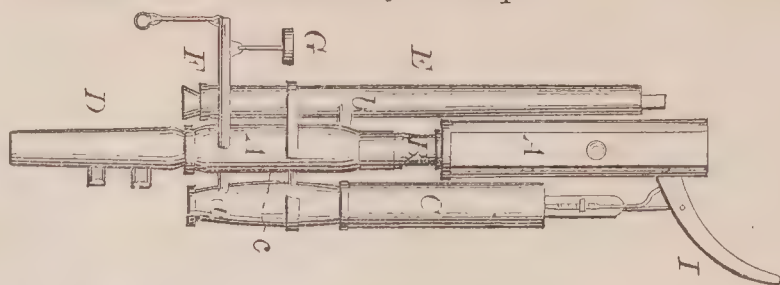
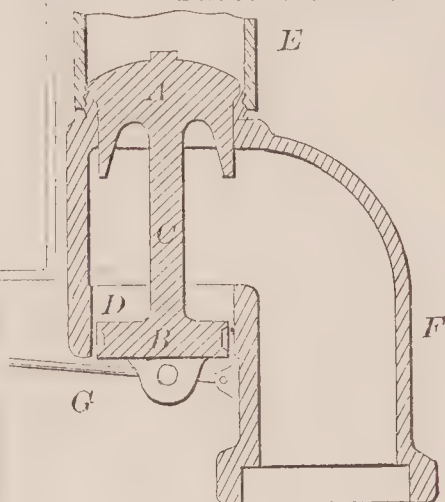
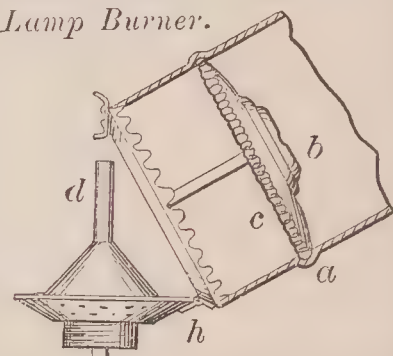
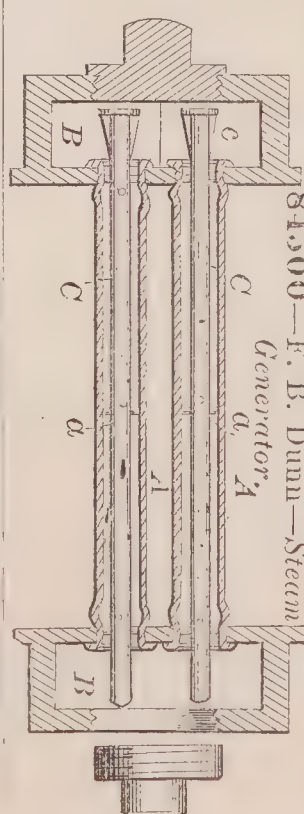
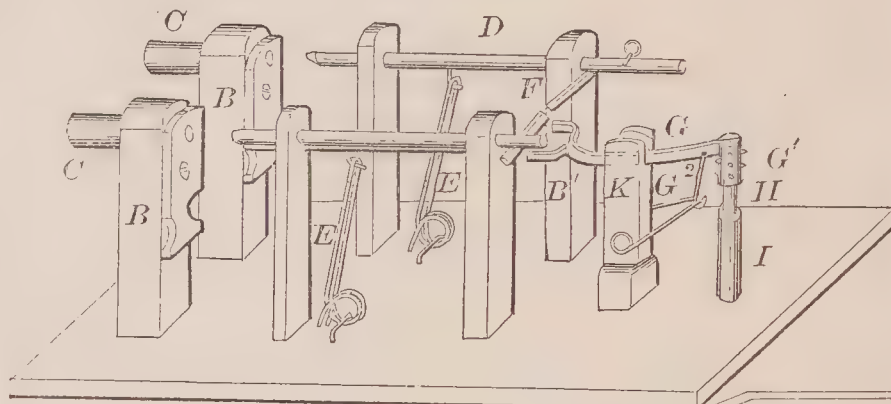
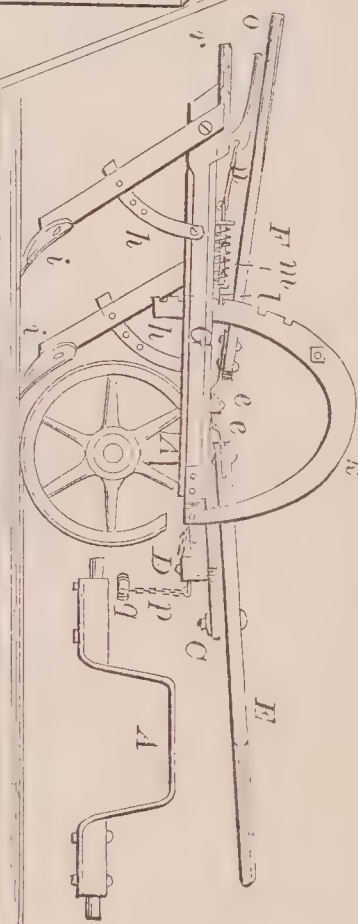
84988—C. P. Bellows—*Dentist's Flush.*



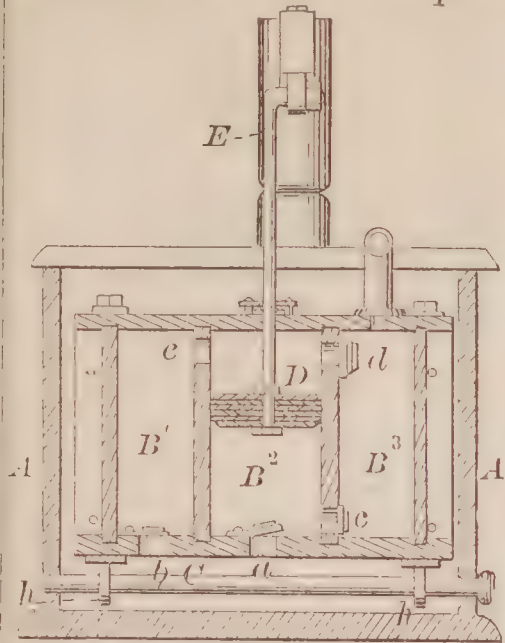
84983—J. Alexander—*Device for Singing Horses.*



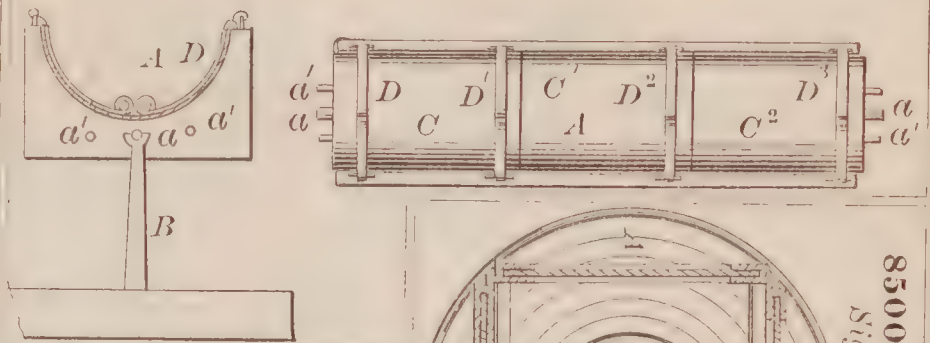


84989—E. S. Blake—*Radiator.*84990—Bonsall & Hillebrand—*Bell Pull.*84998—Dick & Preston—*Bag Tie.*84994—W. Carter—*Bee House.*84995—C. Clifford—*Vapor and Steam Condenser.*84996—W. A. Colsten—*Liquid Cooler.*84999—A. T. Dunbar—*Horse Hay Rake.*84991—J. F. Brickley—*Pump.*84992—Bull & Shelley—*Throttle Valve.*84993—C. W. Calhoun—*Lamp Burner.*84997—J. Coulson—*Fire Alarm.*85000—F. B. Dunn—*Steam Generator.*85001—G. M. Dwight—*Cultivator.*

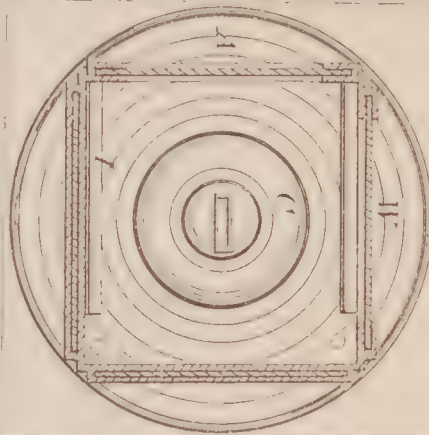
85002—F. Eichler—*Pump.*



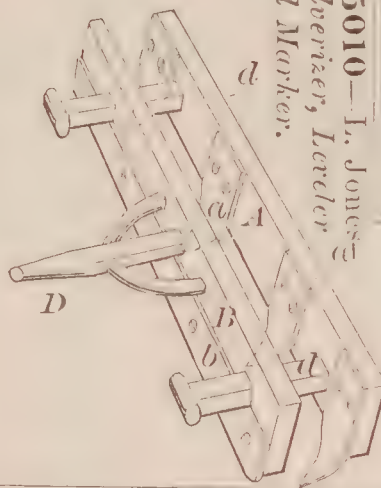
85003—Fath & Frielingsdorf—*Soldering Machine.*



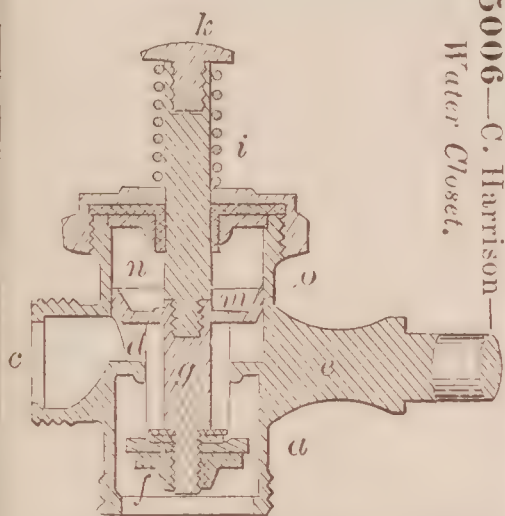
85001—J. Graham—*Signal Lantern.*



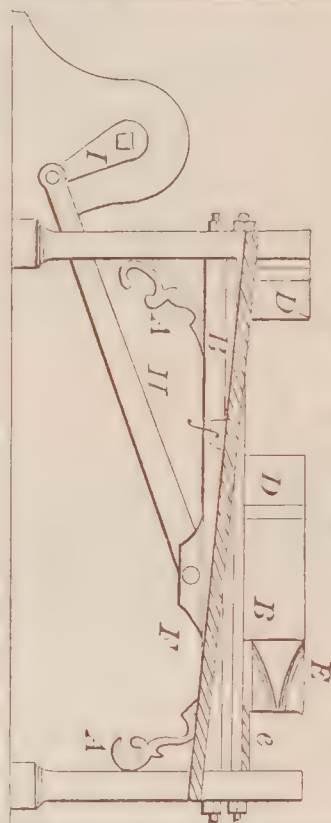
85010—L. Jones—*Puberizer, Larder and Marker.*



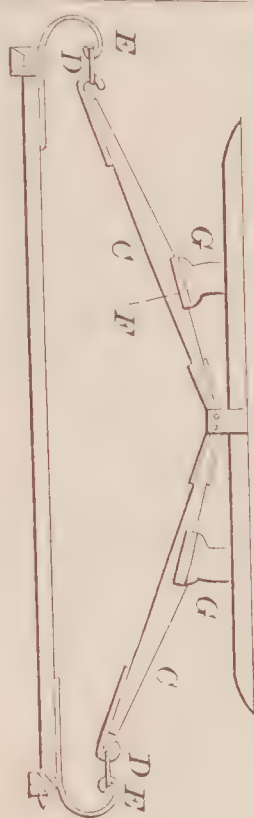
85006—C. Harrison—*Water Closet.*



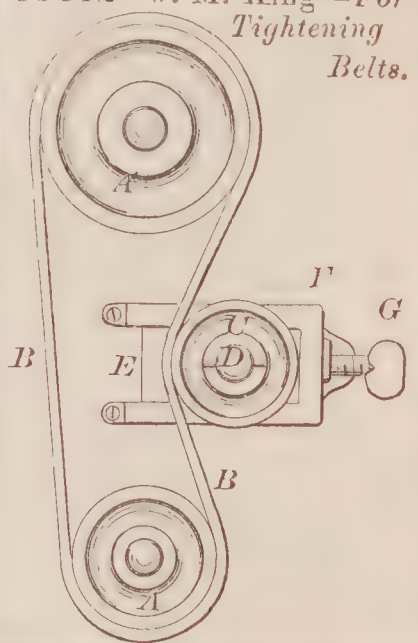
85009—A. W. Jackson—*For Cutting and Splitting Wood.*



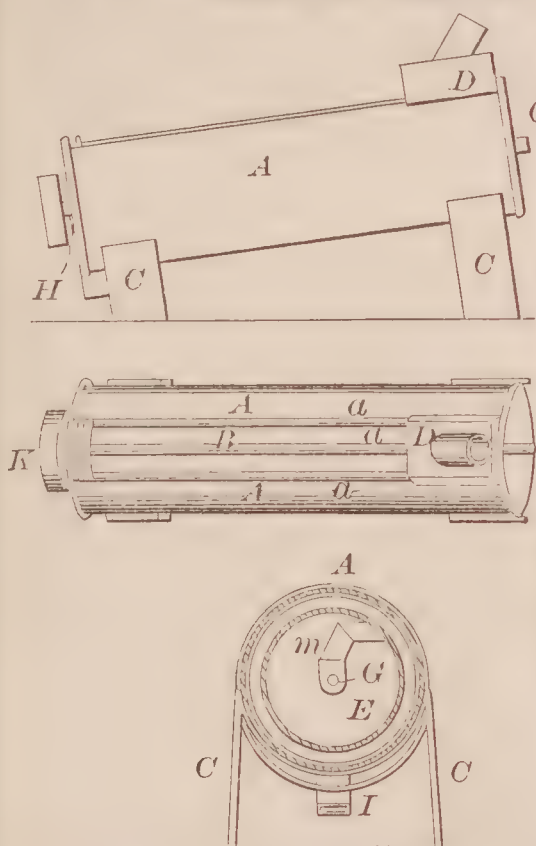
85008—F. A. Huntington—*Carriage Spring.*



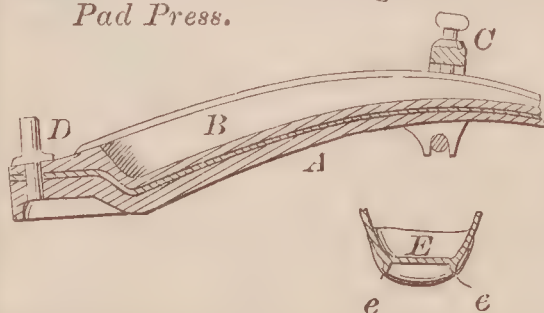
85012—J. M. King—*For Tightening Belts.*



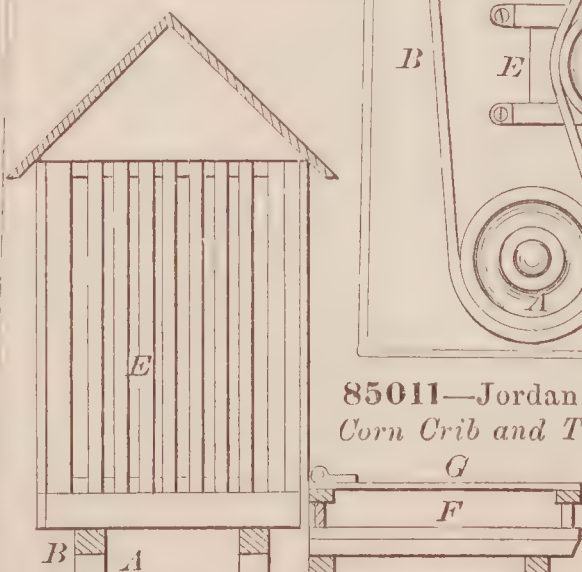
85007—Hendley & Reinhart—*Grain Drier.*



85013—G. W. Lawbaugh—*Harness Pad Press.*



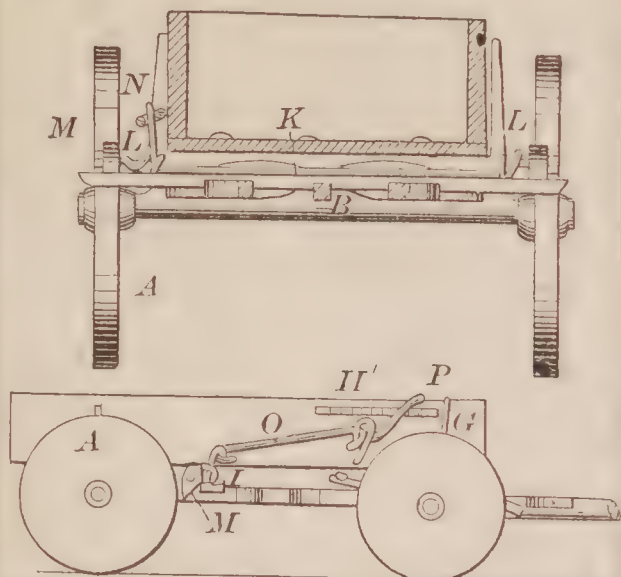
85011—Jordan & Campbell—*Corn Crib and Threshing Floor.*



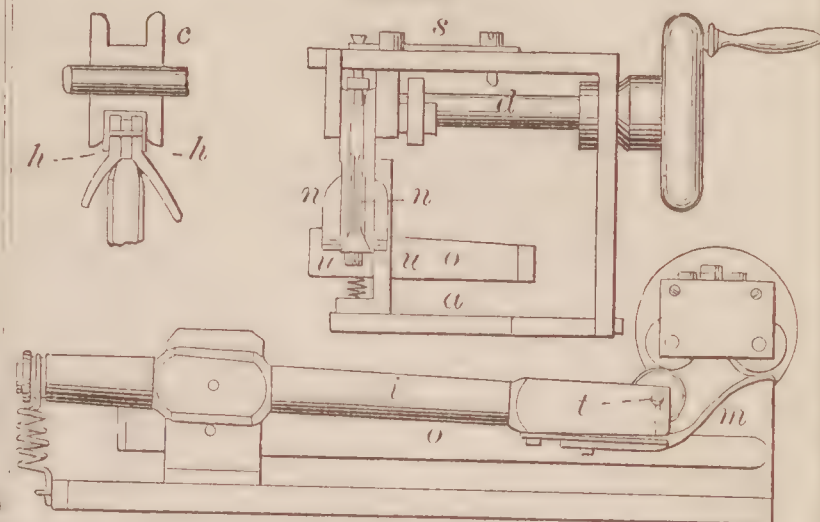




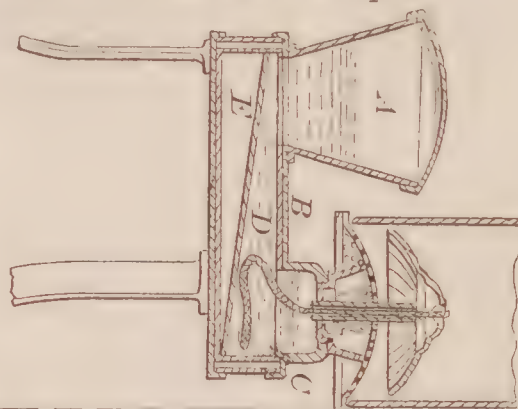
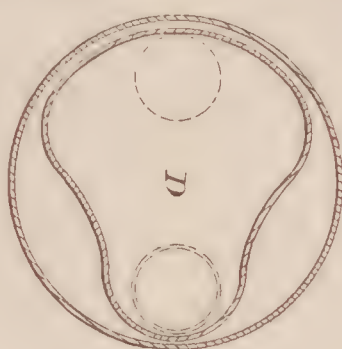
85025—D. J. Owen—*Wagon Brake.*



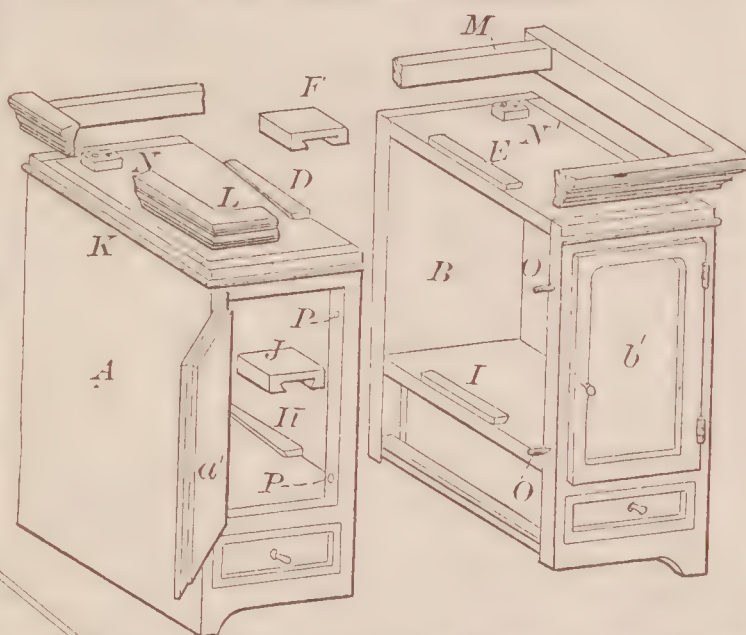
85028—W. H. Rounds—*For Trimming Welted Seams.*



85029—M. Samuels—*Lamp.*



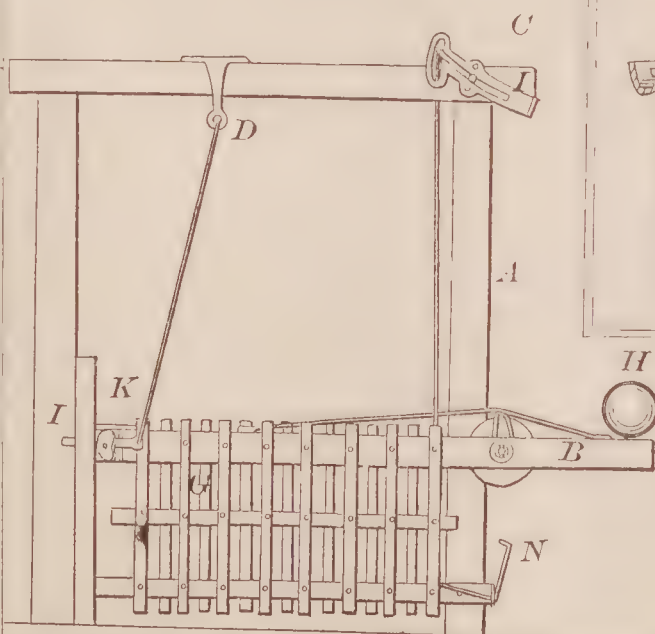
85023—G. Niermann—*Wardrobe.*



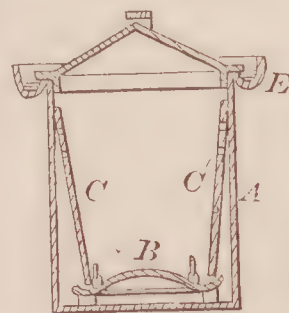
85032—C. R. Shelton—*For Repairing*  
Hips. 4



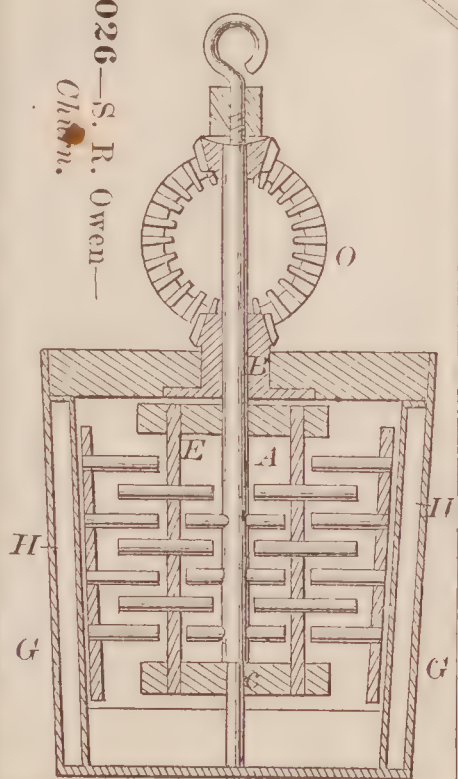
85033—D. Shockey—*Farm Gate.*



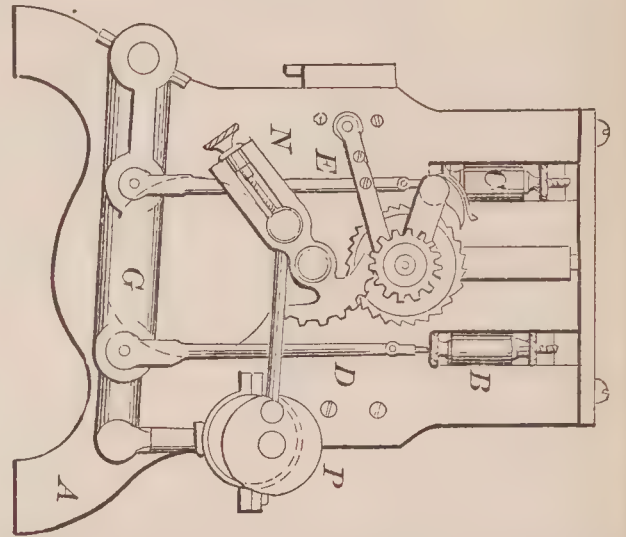
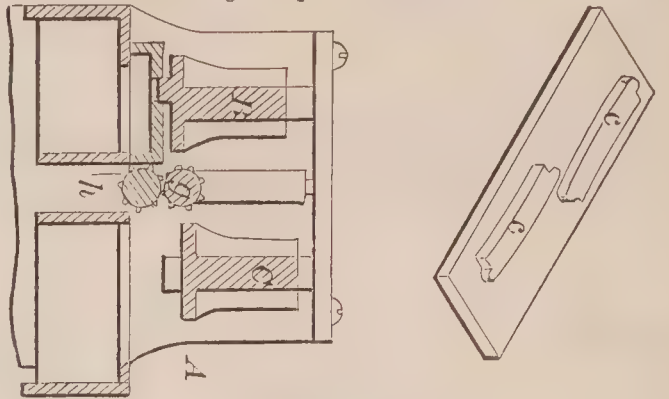
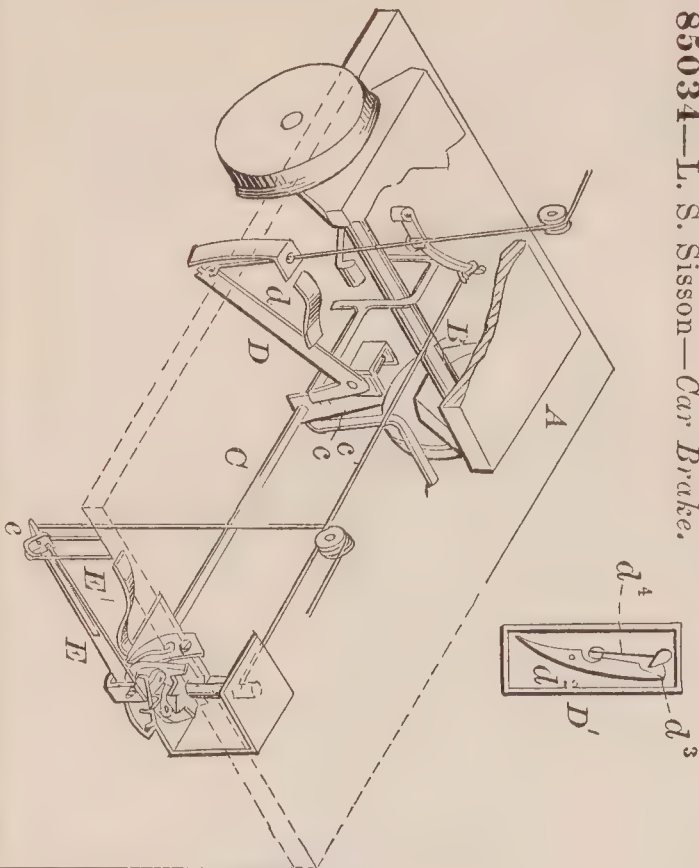
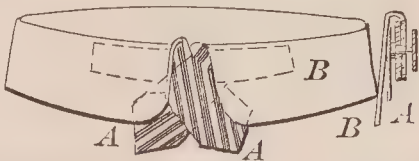
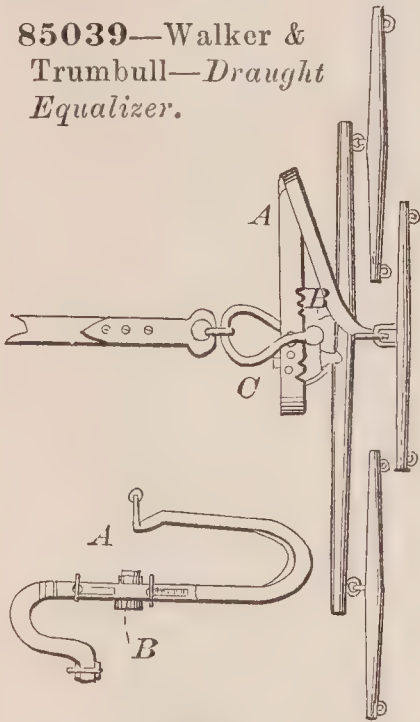
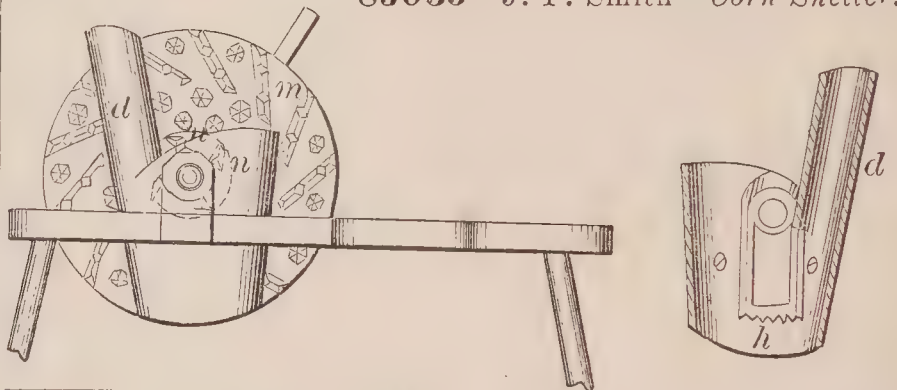
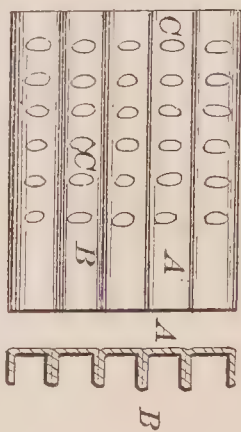
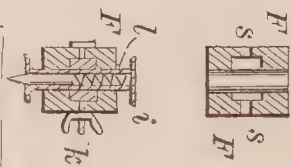
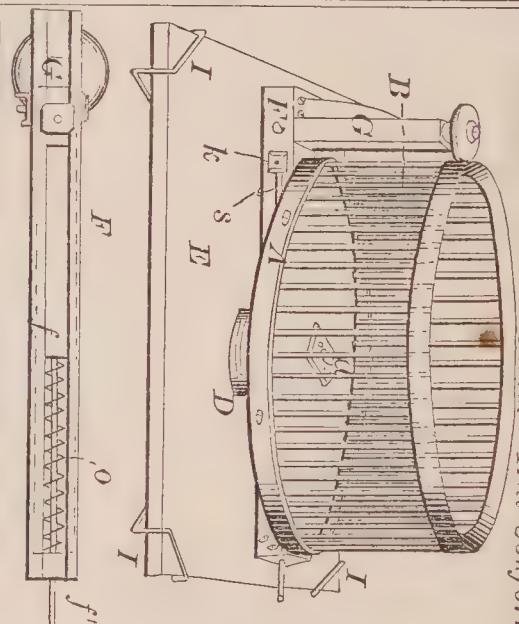
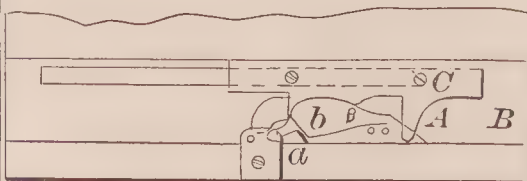
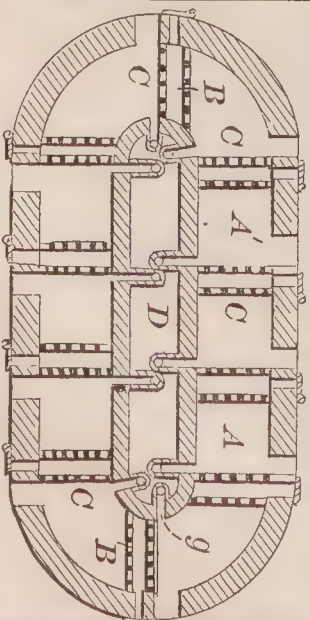
85031—E. Seely—  
Wash Boiler.



85026—S. R. Owen—  
*Chitin.*

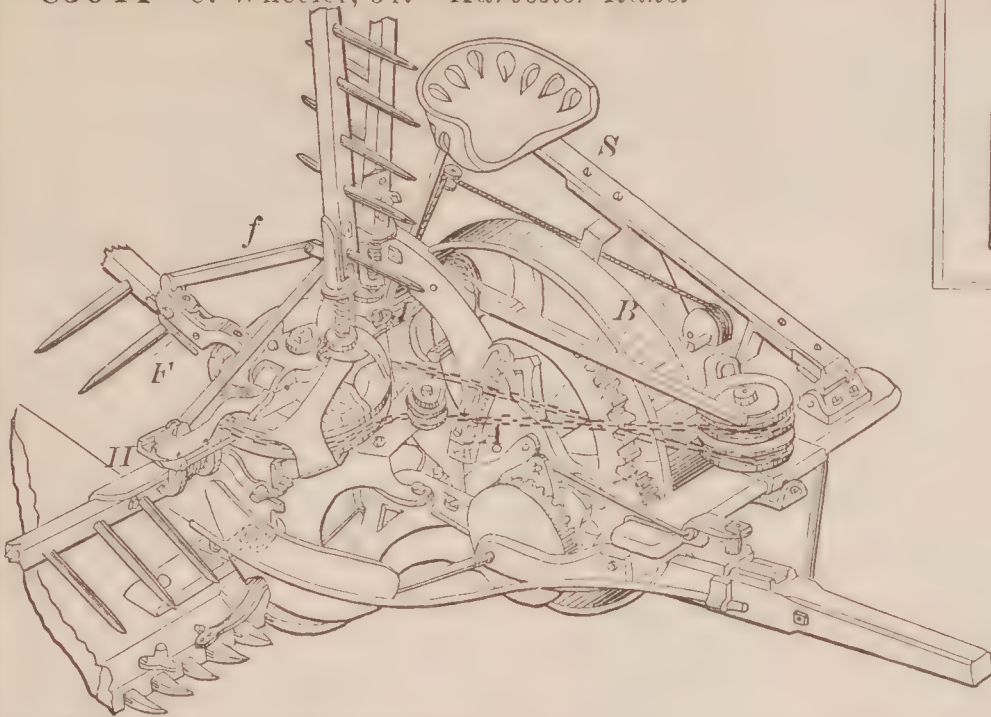




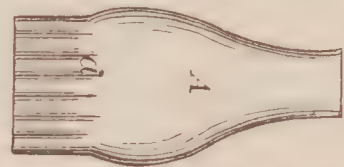
85037—Spofford & Montague—*For Making Paper Collars.*85034—L. S. Sisson—*Car Brake.*85036—W. S. Smoot—*Necktie.*85039—Walker & Trumbull—*Draught Equalizer.*85035—J. P. Smith—*Corn Sheller.*85043—G. A. Wells—*Riddle for Grain Separators.*85041—E. Z. Webster—*Hat Conformator.*85040—A. Wrath—*Sewing Machine Shuttle.*85042—Wedekind & Dueberg—*Kiln.*



85044—C. Wheeler, Jr.—*Harvester Rake.*



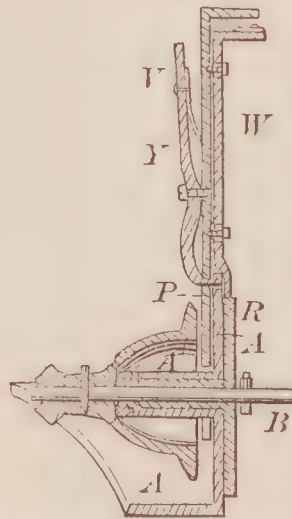
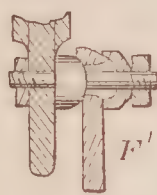
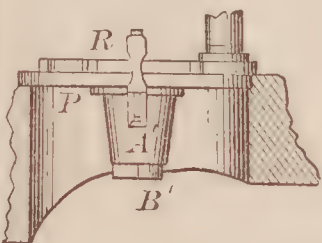
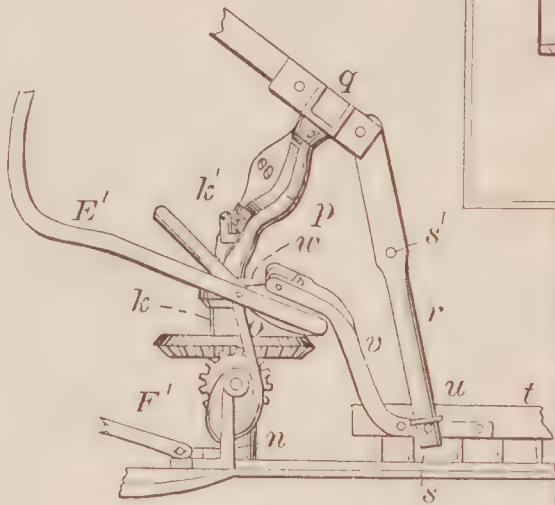
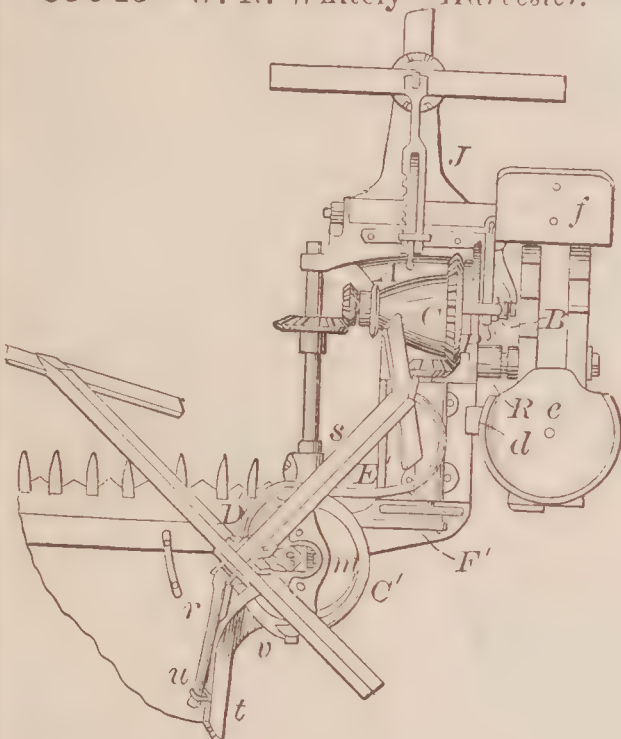
85047—S. R. Wilmot—  
*Lamp Chimney.*



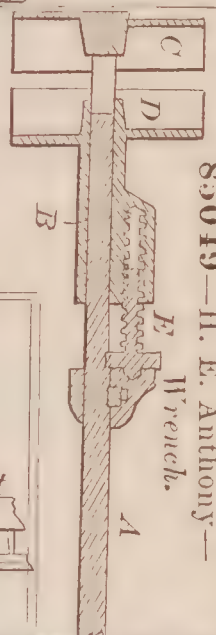
**85016—W. Wilmington—**  
*Chill for Casting Car Wheels.*



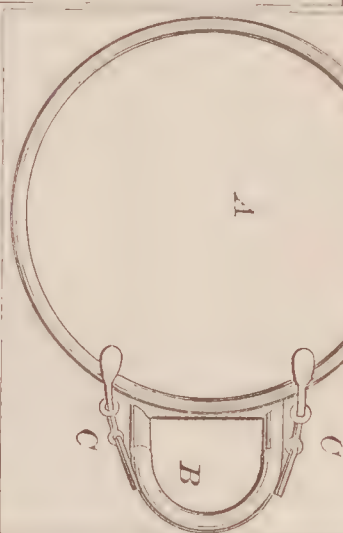
85045—W. N. Whitely—*Harvester.*



85019—II. E. Anthony—  
French.



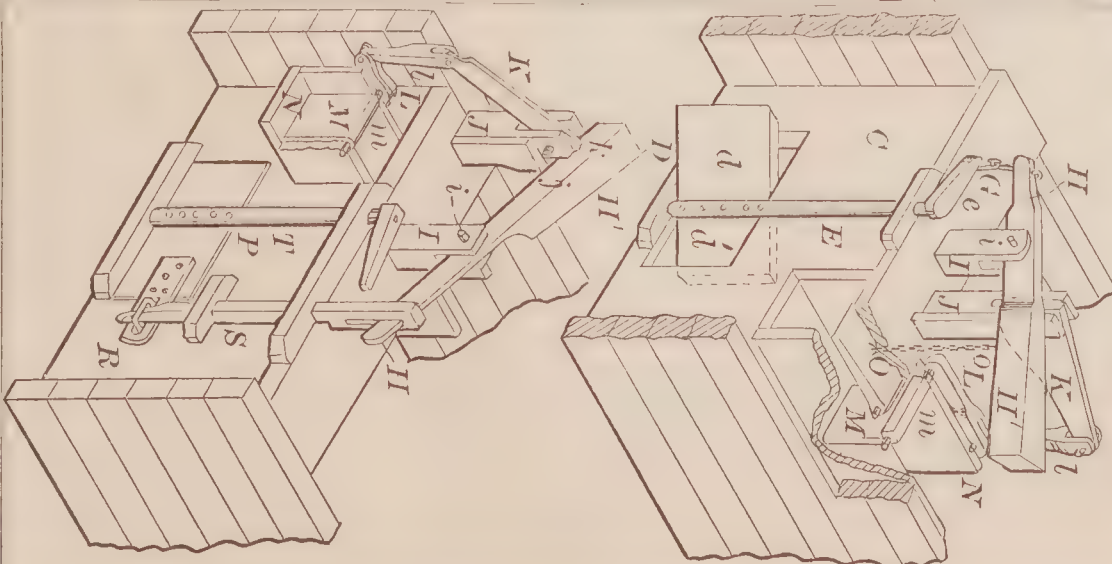
85050—J. II. Appel—  
*Children's Choir.*



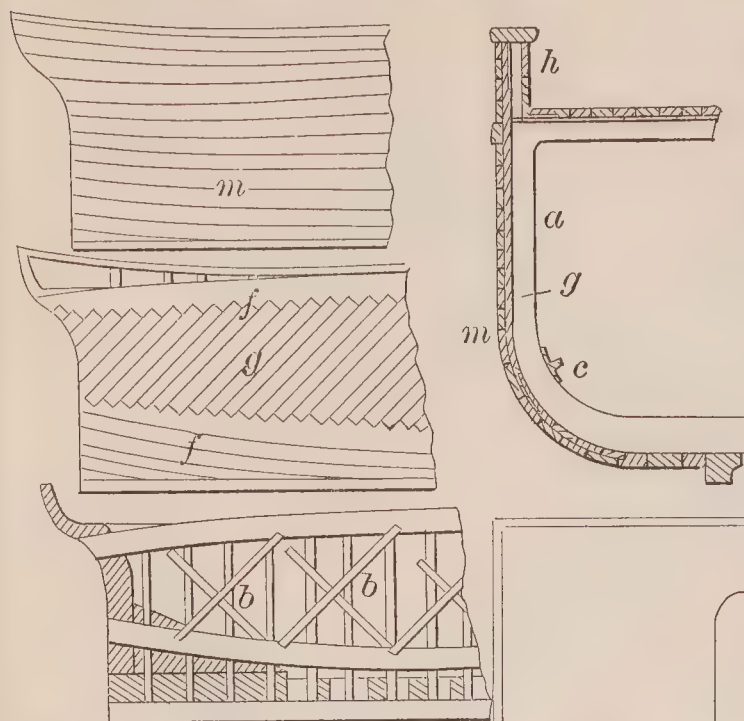
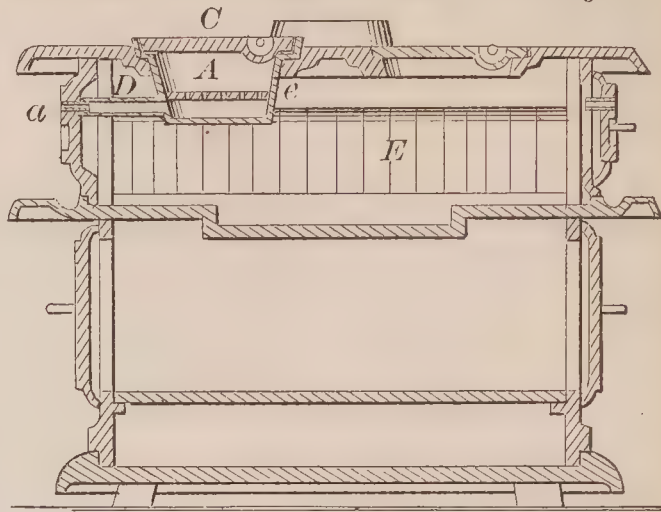
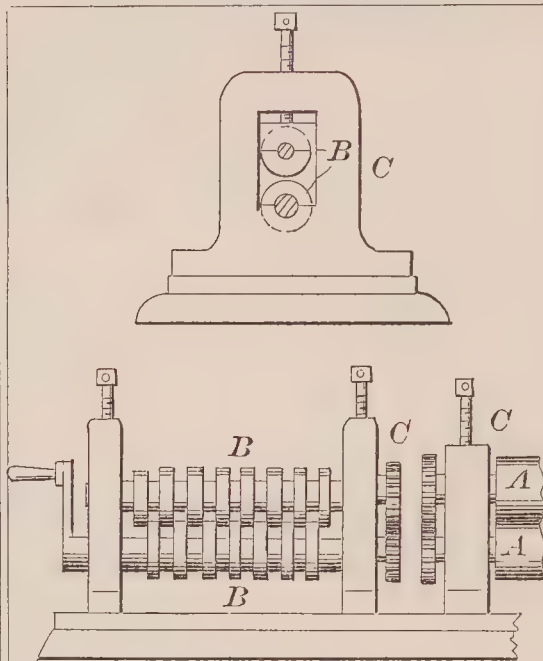
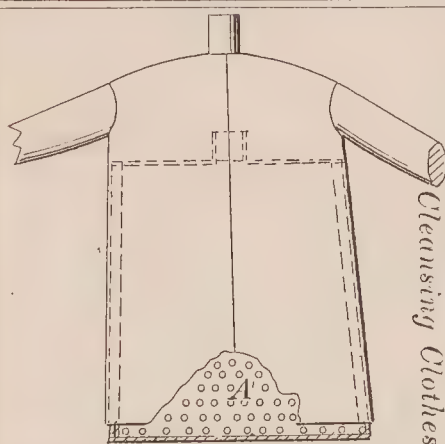
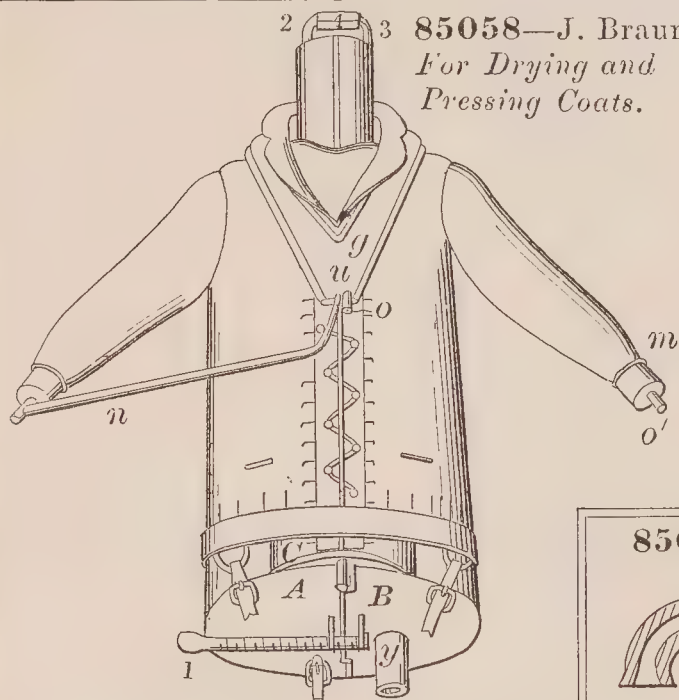
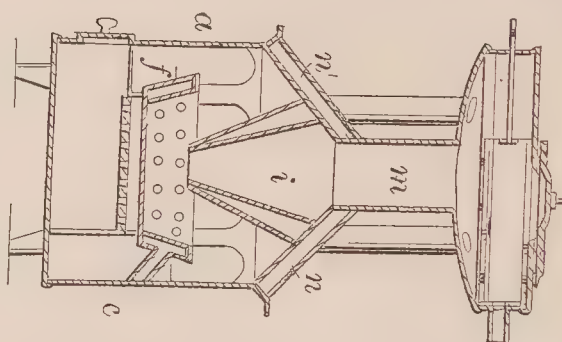
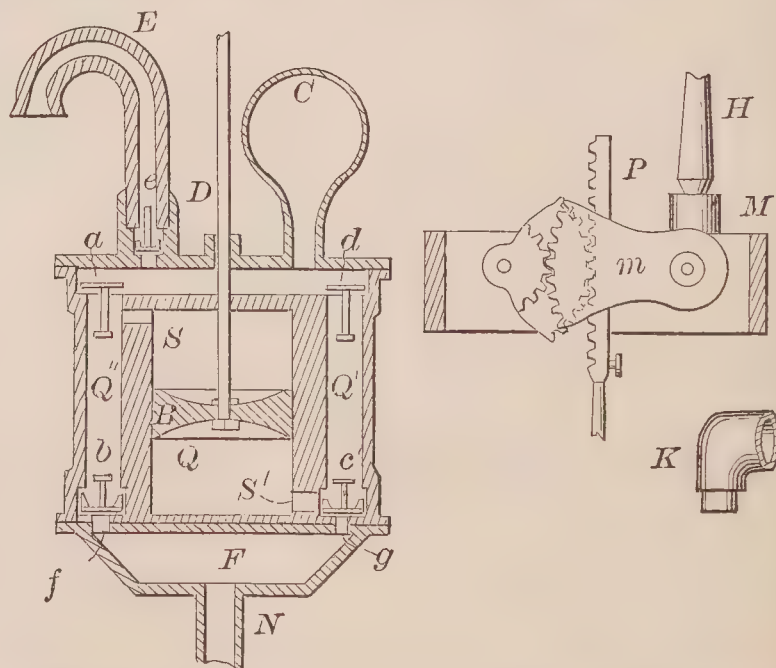
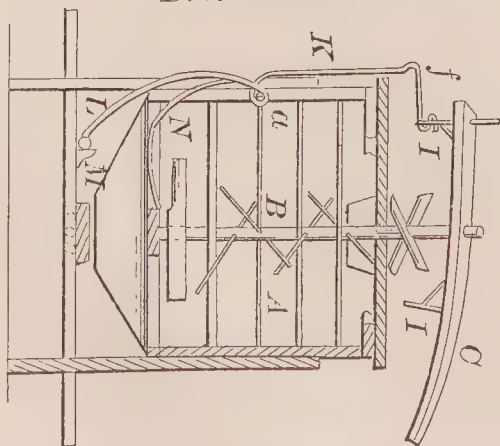
85052—J. Barker—*Horse Shoe*.



85048—J. S. Wilson—Sluice Gate.



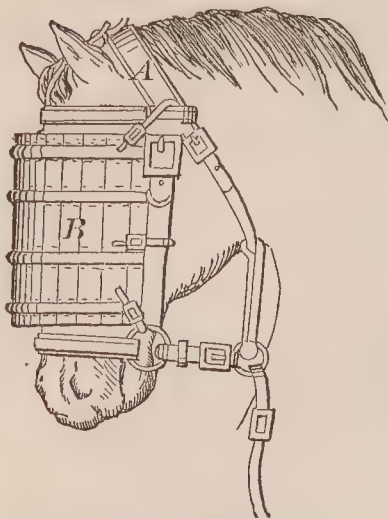


85051—J. Baird—*Composite Vessel.*85054—N. O. Bond—*Stove and Range.*85057—L. Brandeis—*Solder.*85059—J. Braun—*For Drying and Pressing Pantaloon.*85060—J. Braun—*For Cleansing Clothes.*85058—J. Braun—*For Drying and Pressing Coats.*85062—W. S. Bronson—*Stove.*85063—B. F. Brown—*Submerged Pump.*85061—Bretz, Sangster & Bretz—*Brick Machine.*

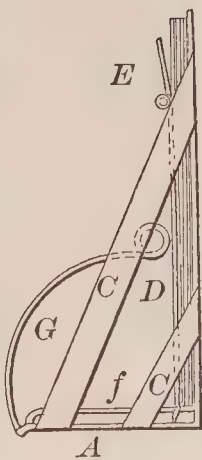




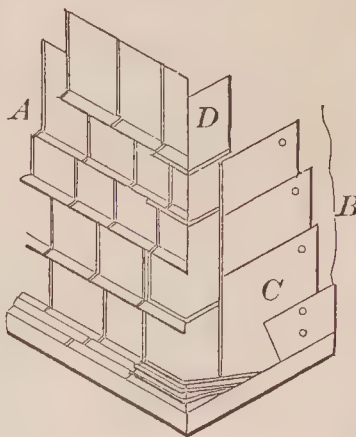
85075—J. Dunlap—  
*Horse Blinder.*



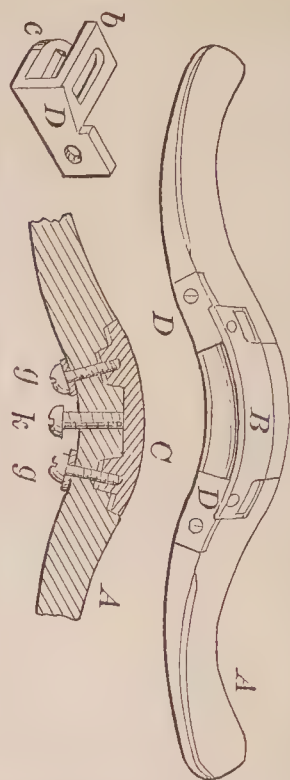
85078—J. D. Field—*Paper File.*



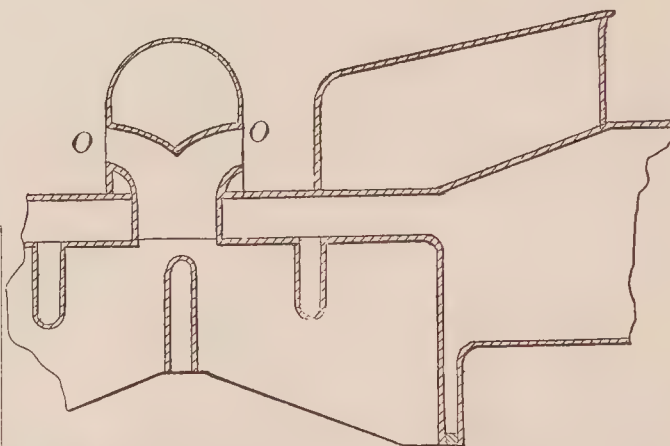
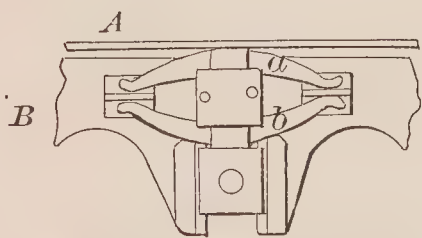
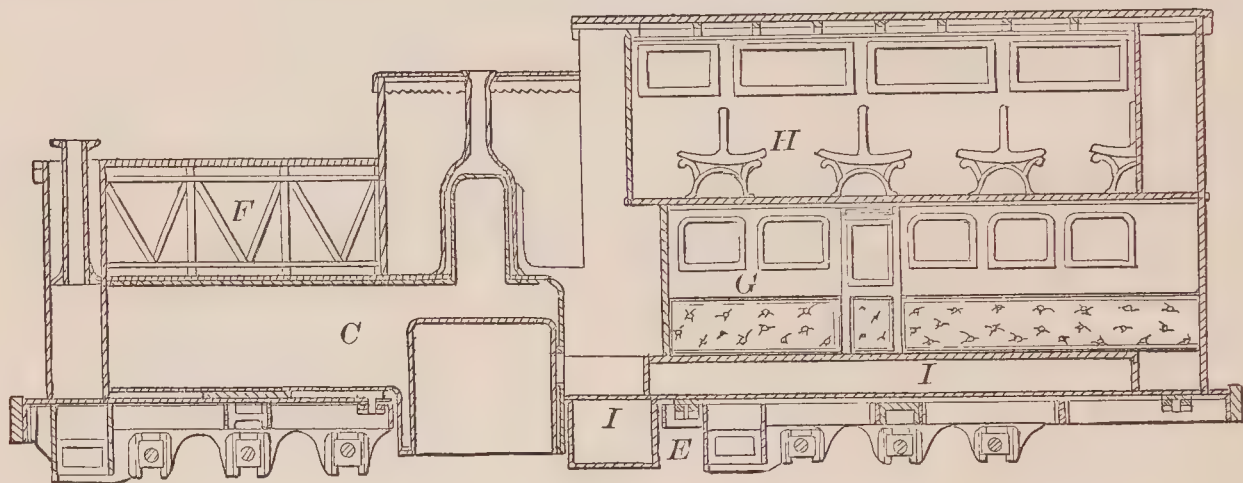
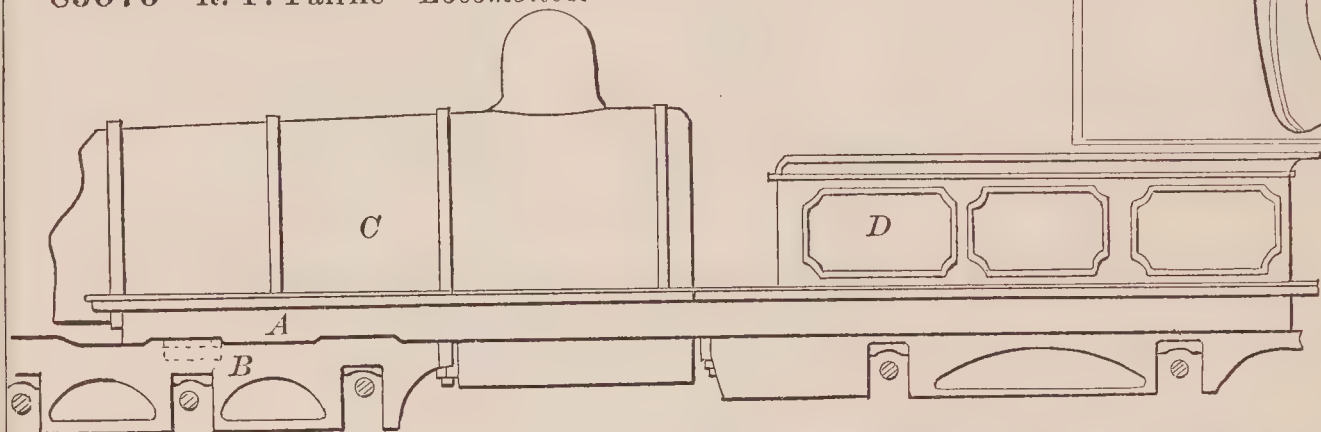
85082—B. Flowers—  
*Shingling Roofs.*



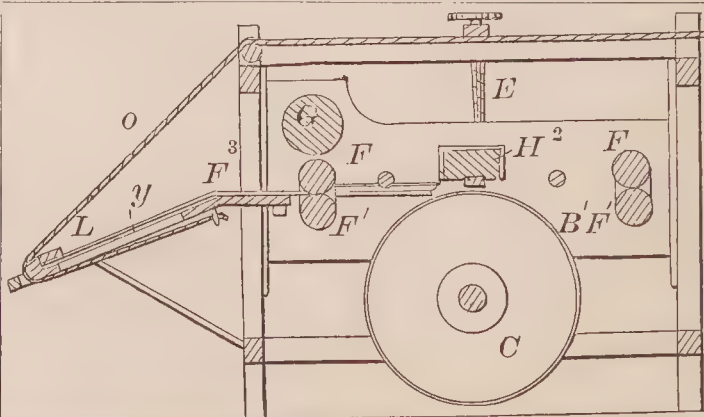
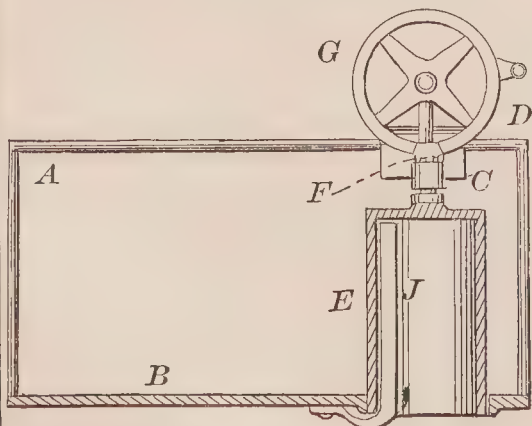
85077—L. H. Farnsworth—*Boot and Shoe Shave.*



85076—R. F. Fairlie—*Locomotive.*

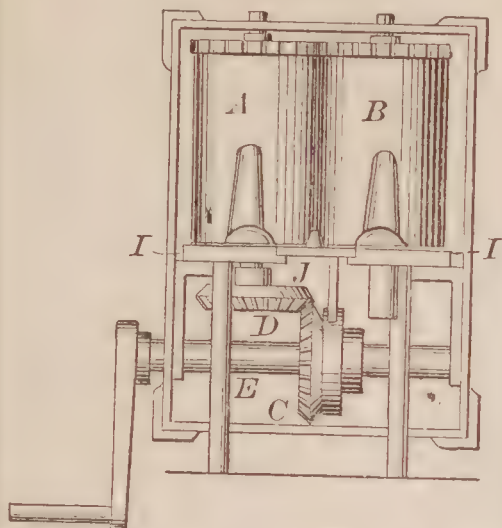


85080—C. W. Flint—*Ice Cutter.*

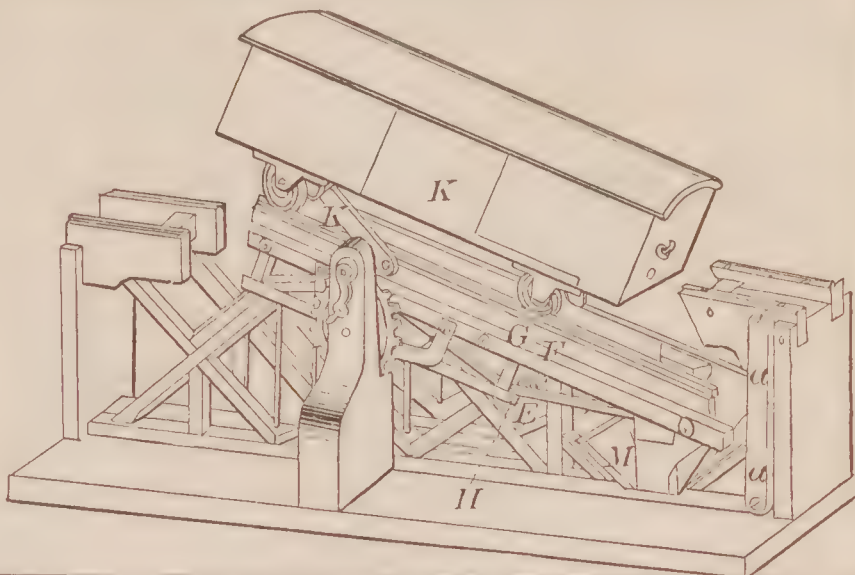


85081—J. Flint—  
*Grinding Machine.*

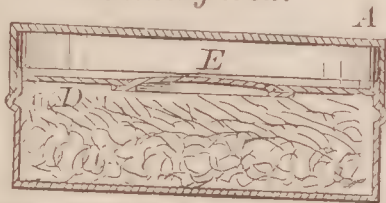
85083—J. Gardner—*Making Confectionery.*



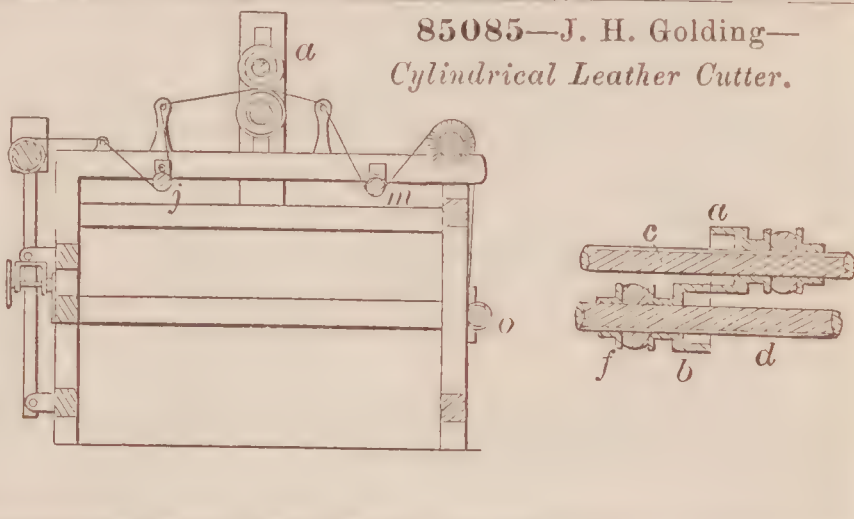
85086—Goodwin & McCord—*Dumping Car.*



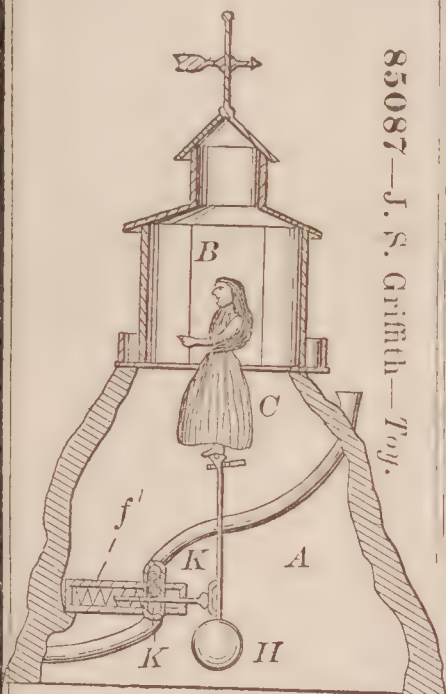
85084—W. L. Gilroy—*Blacking Box.*



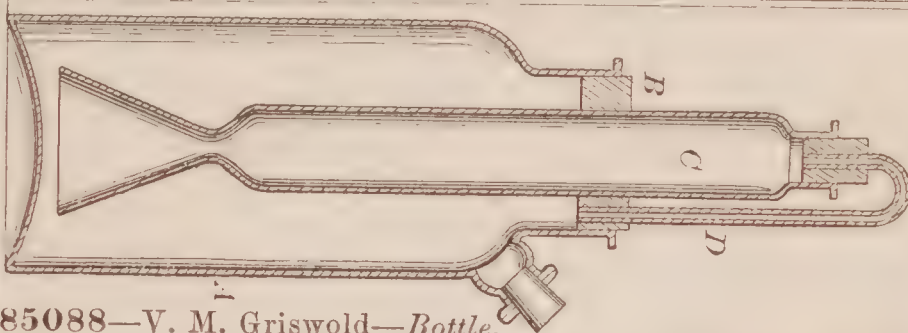
85085—J. H. Golding—*Cylindrical Leather Cutter.*



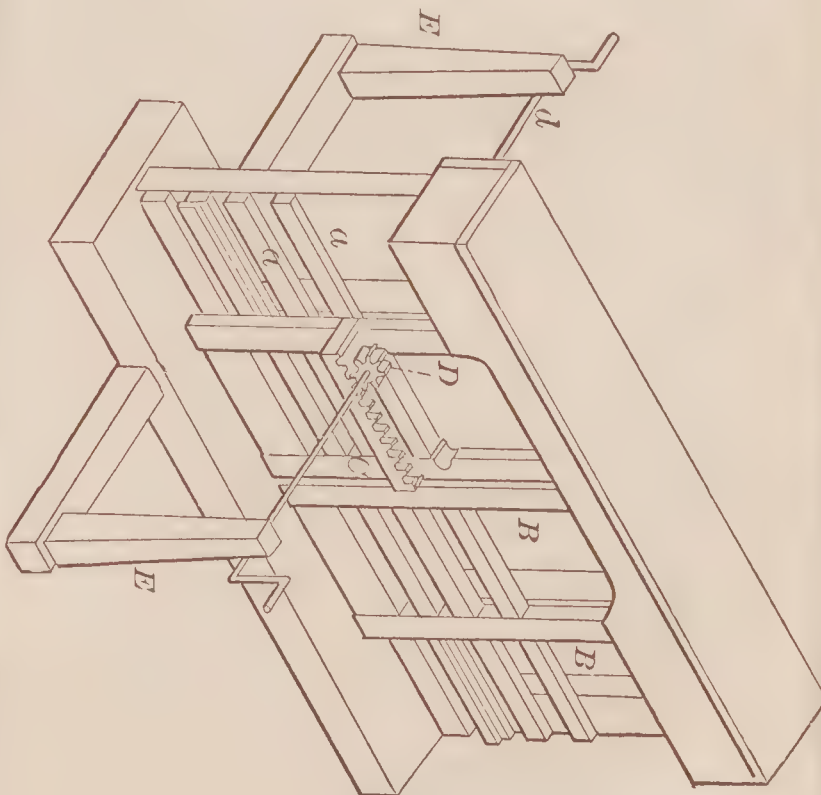
85087—J. S. Griffith—*Toy.*



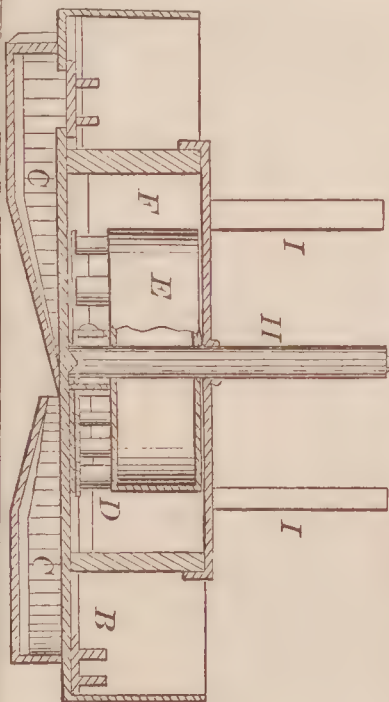
85088—V. M. Griswold—*Bottle.*



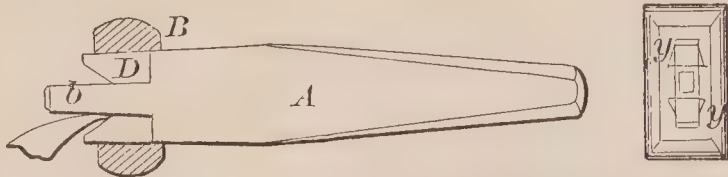
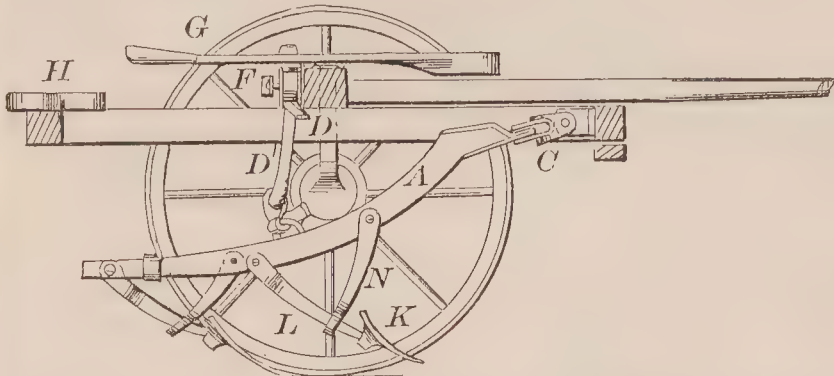
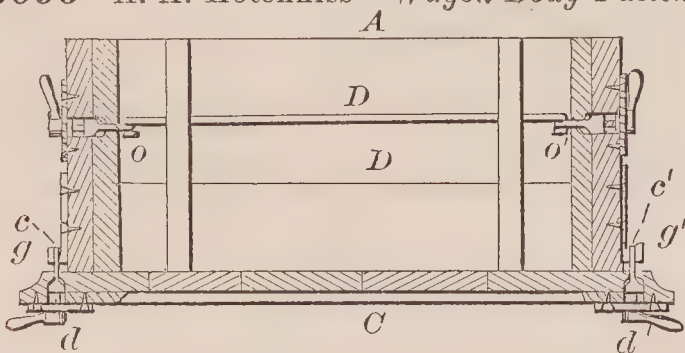
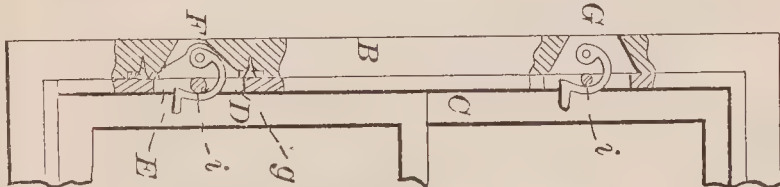
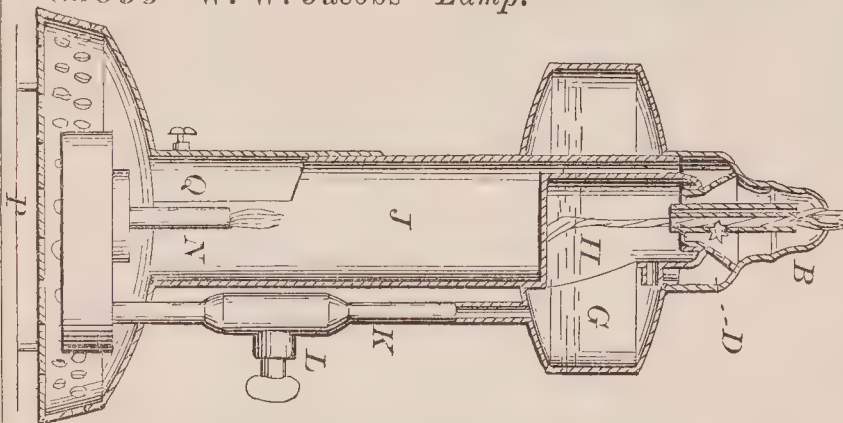
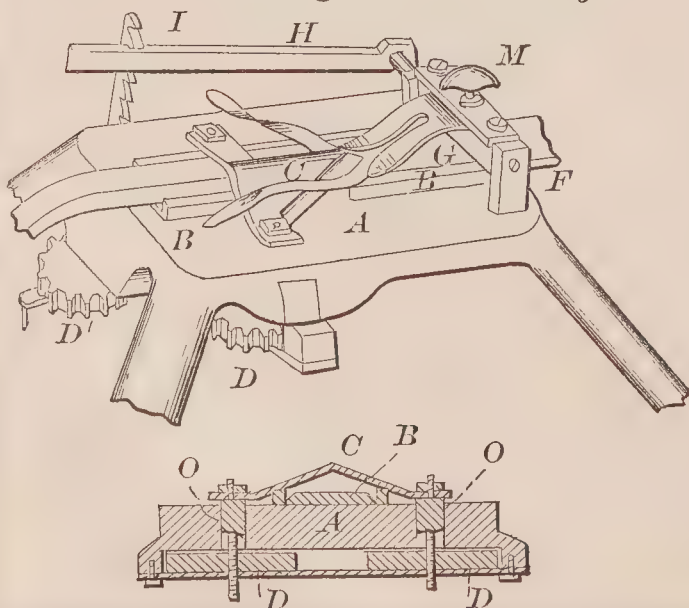
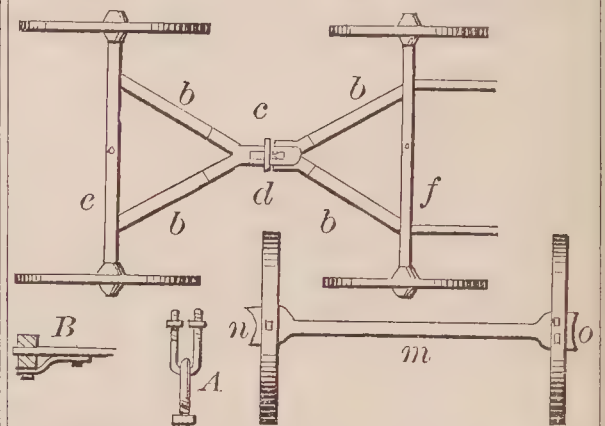
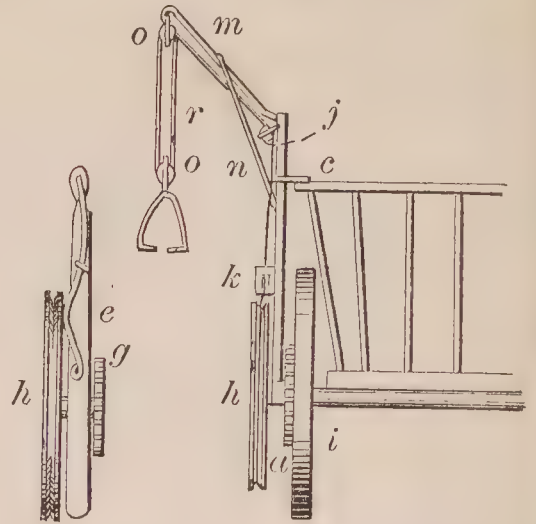
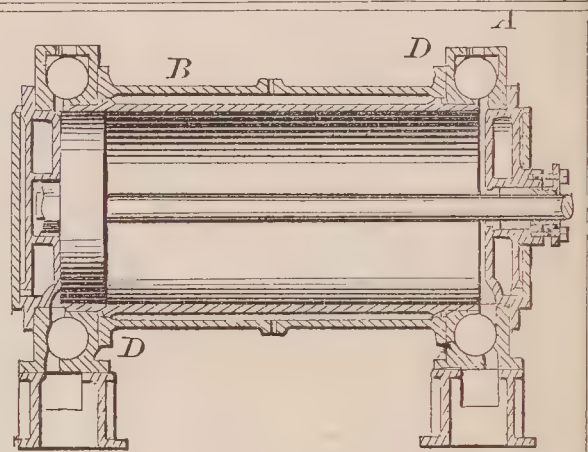
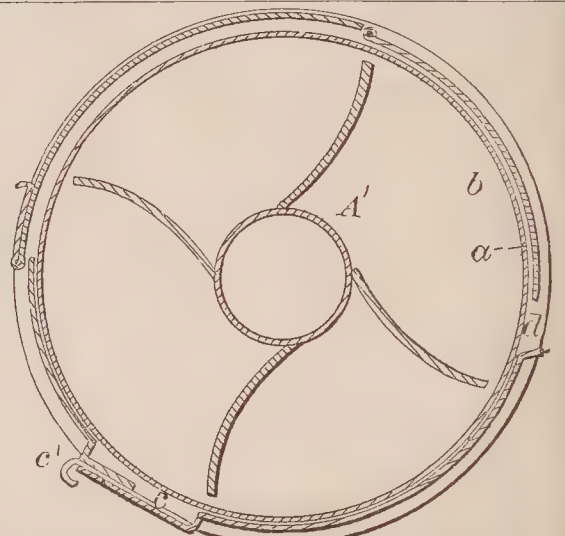
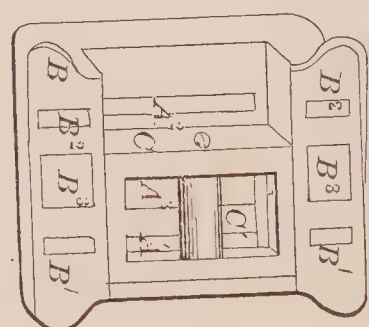
85091—H. P. Haskin—*Gate.*



85094—W. Henpeke—*Water Wheel.*



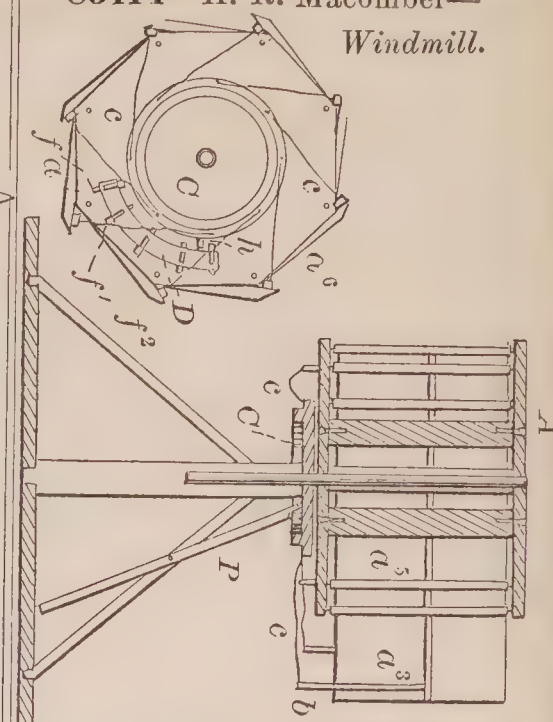


85090—E. Hamlin—*Swage for Saw Teeth.*85095—Hinds & Gee—*Cultivator.*85096—A. A. Hotchkiss—*Wagon Body Fastening.*85097—Hull & Merritt—*Window Frame.*85099—W. W. Jacobs—*Lamp.*85102—S. H. King—*Leather Cutting Machine.*85092—N. L. Hatch—*Hay Loader.*85093—N. L. Hatch—*Carriage.*85098—W. Inglis—*Steam Cylinder.*85100—N. Johnson—*Water Wheel.*85105—J. Lawson—*Slide Valve.*

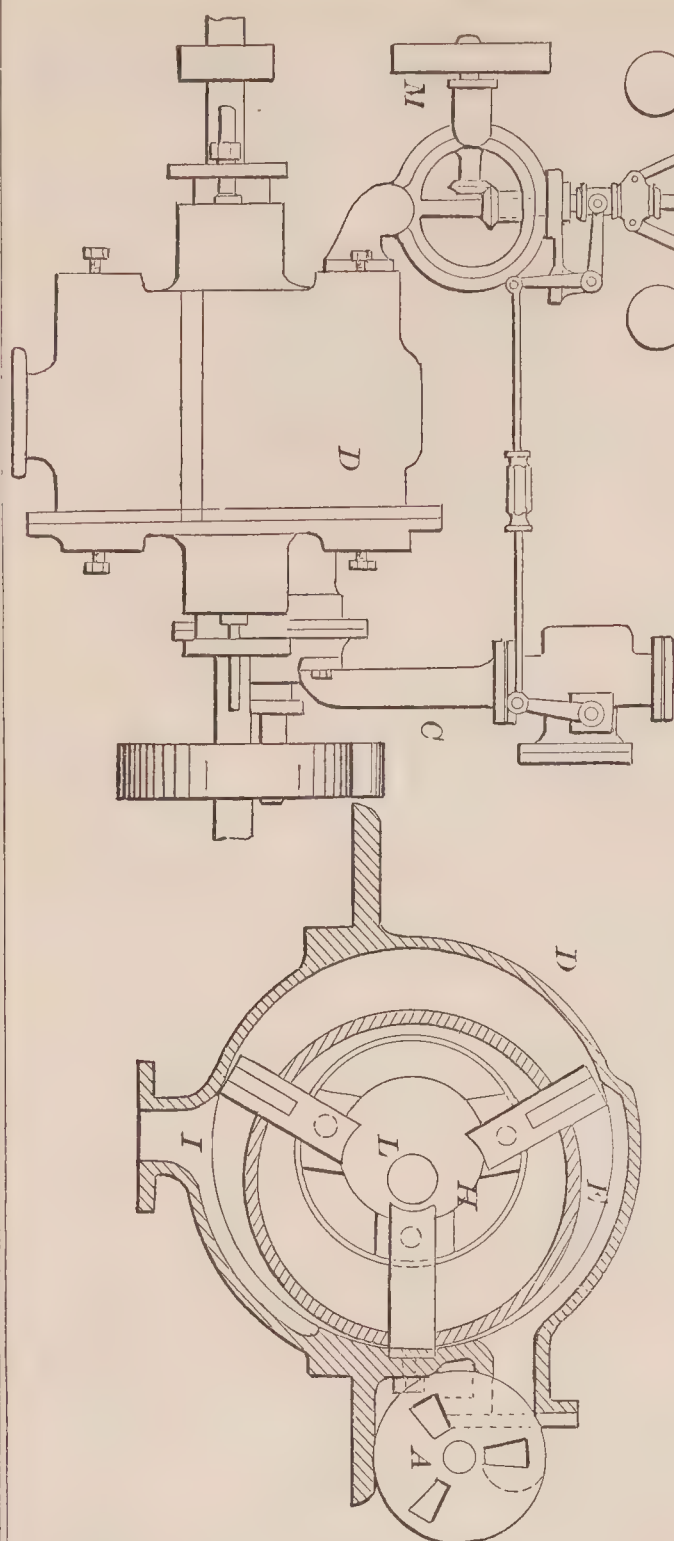




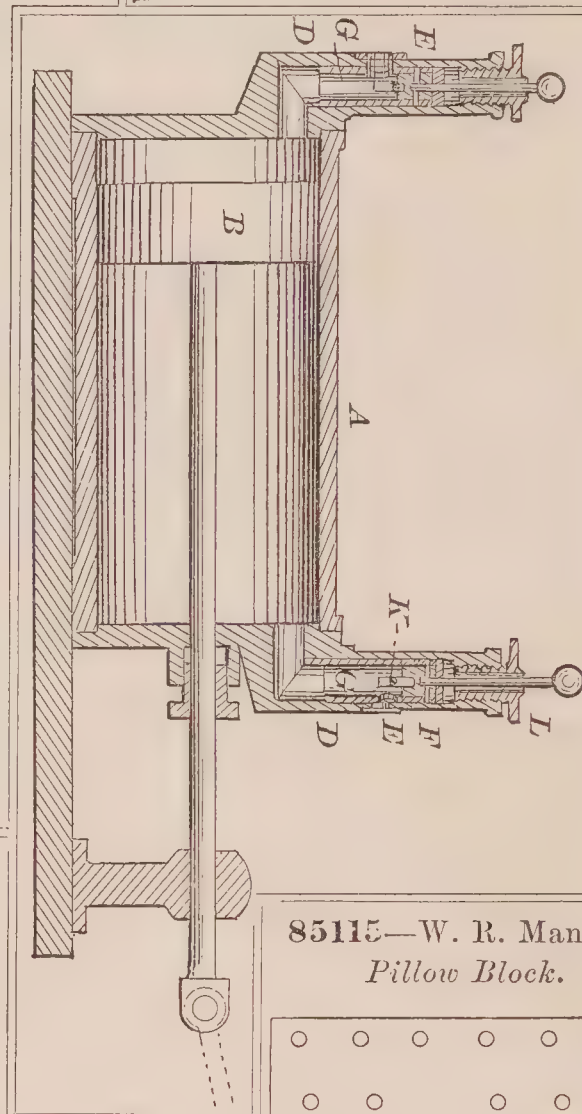
85114—H. R. Macomber—  
Windmill.



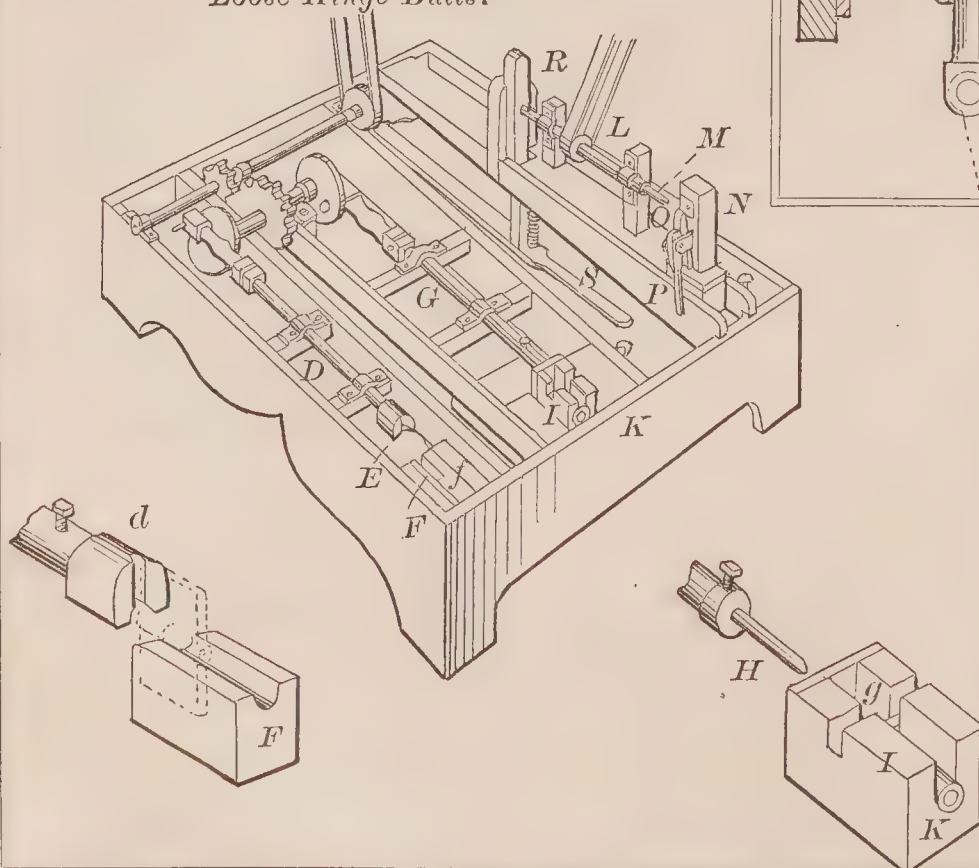
85106—W. B. Leachman—Steam Engine.



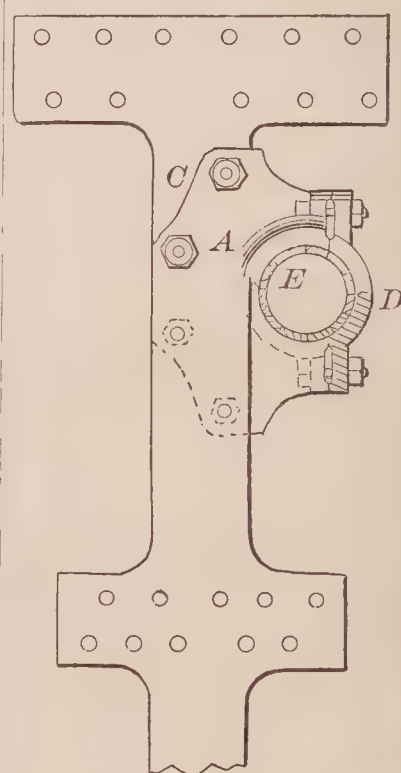
85113—B. Mackerley—Steam Engine Governor.



85112—Luther, Lyon & Edwards—Finishing  
Loose Hinge Butts.



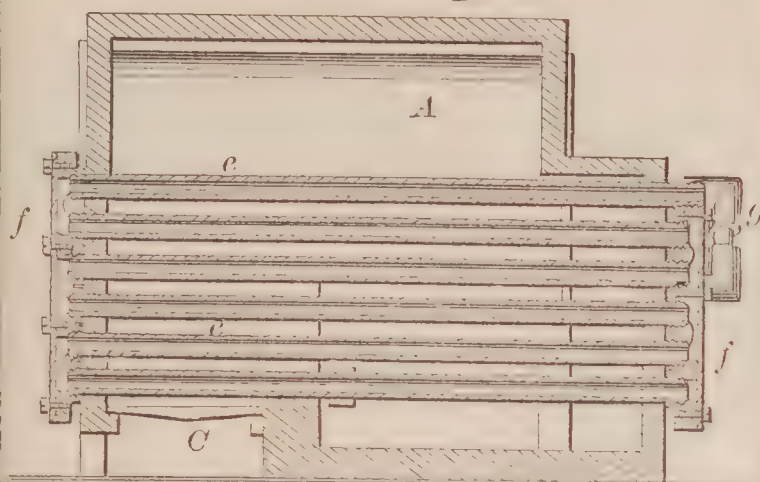
85115—W. R. Manley—  
Pillow Block.



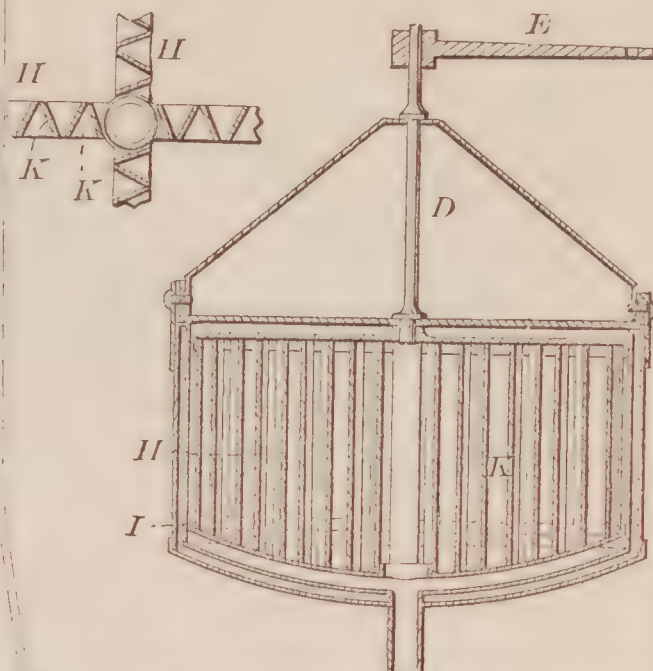


85116—D. F. McKim—*Feed Water Heater for Steam Generators.*

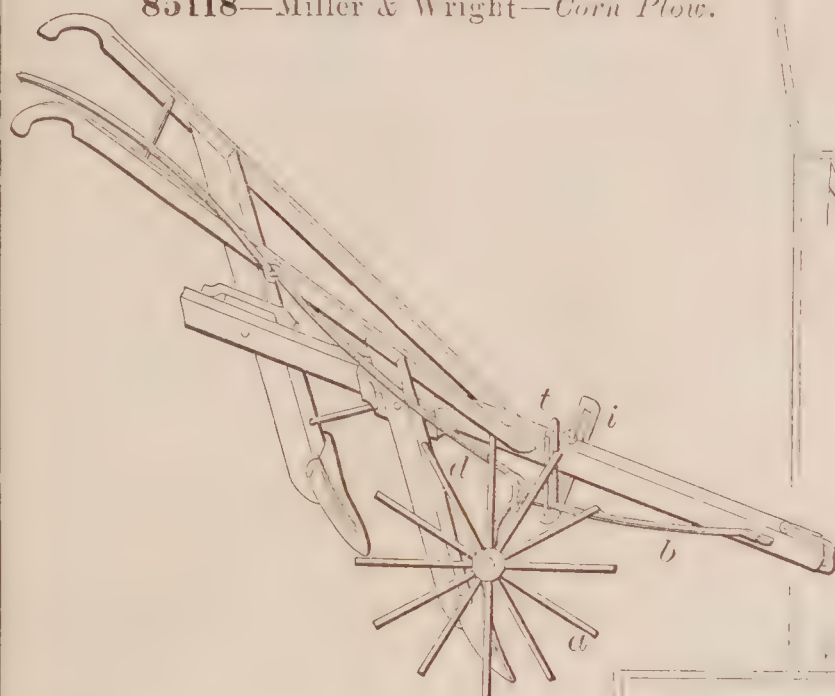
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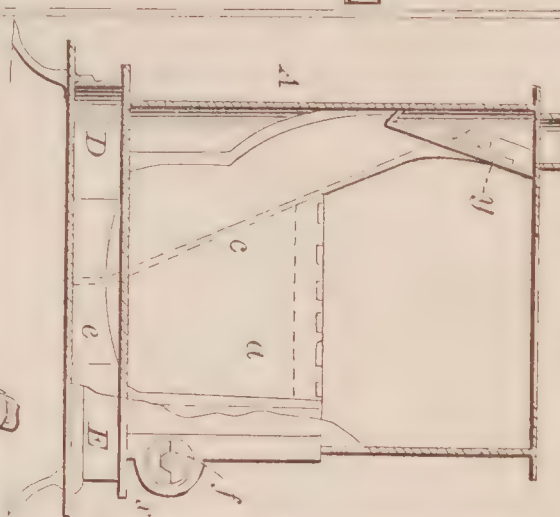
85117—J. N. Meriam—*For Stirring and Cooling Lard.*



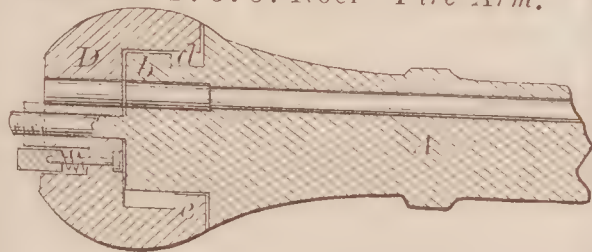
85118—Miller & Wright—*Corn Plow.*



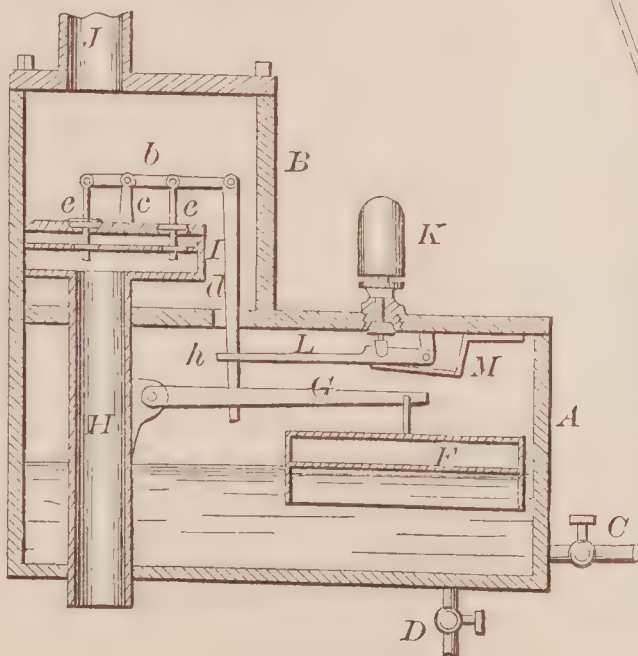
85122—P. Paradis—*Stove.*



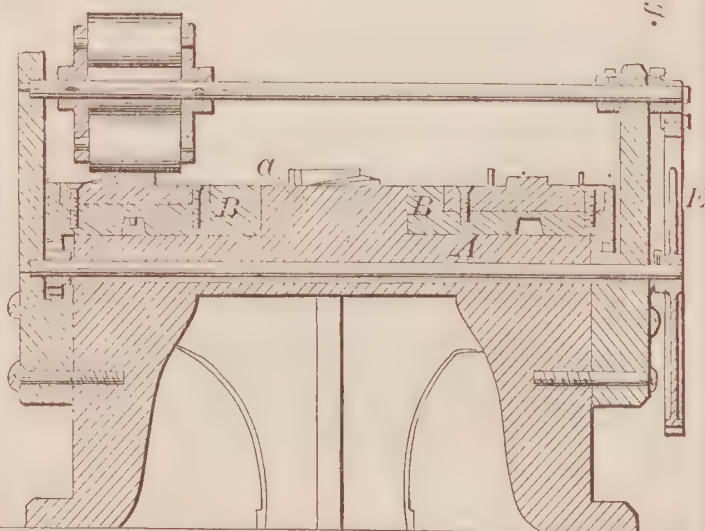
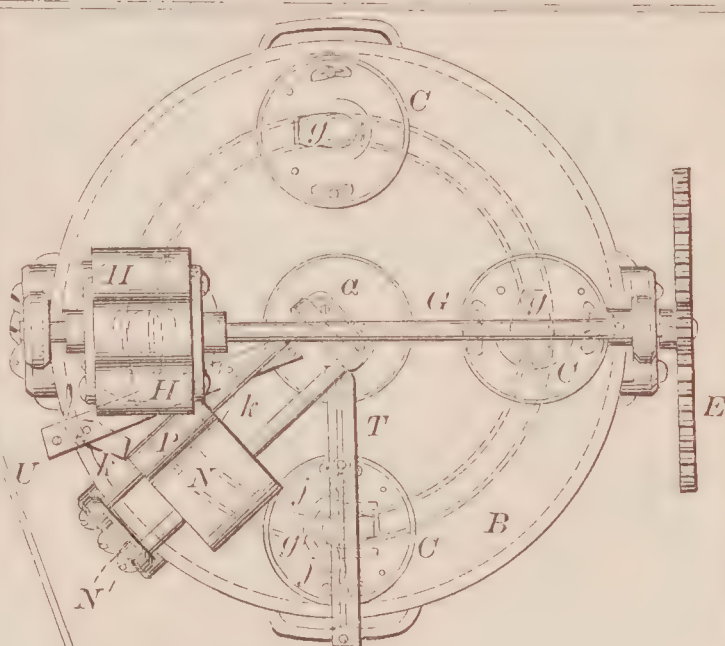
85120—P. J. J. Noël—*Fire Arm.*



85121—G. P. Nutting—*Water Supply Regulator.*

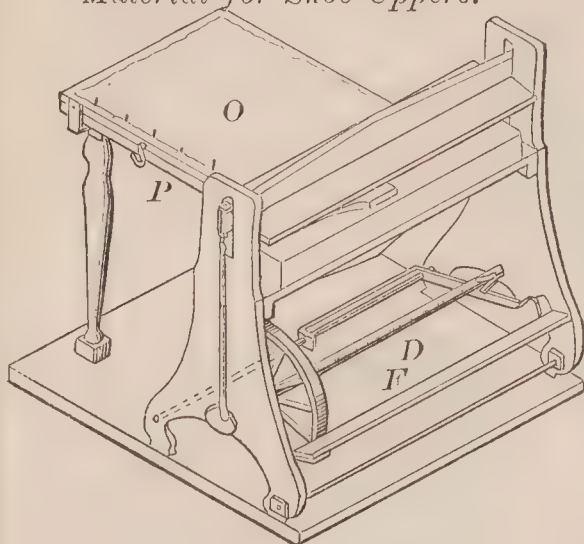


85119—W. Morehouse—*Horse Shoe making.*

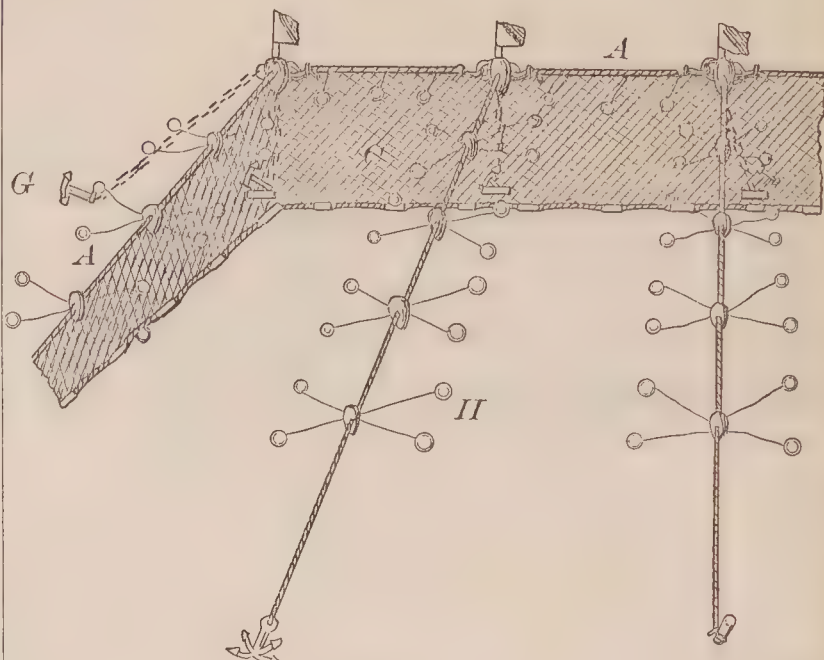




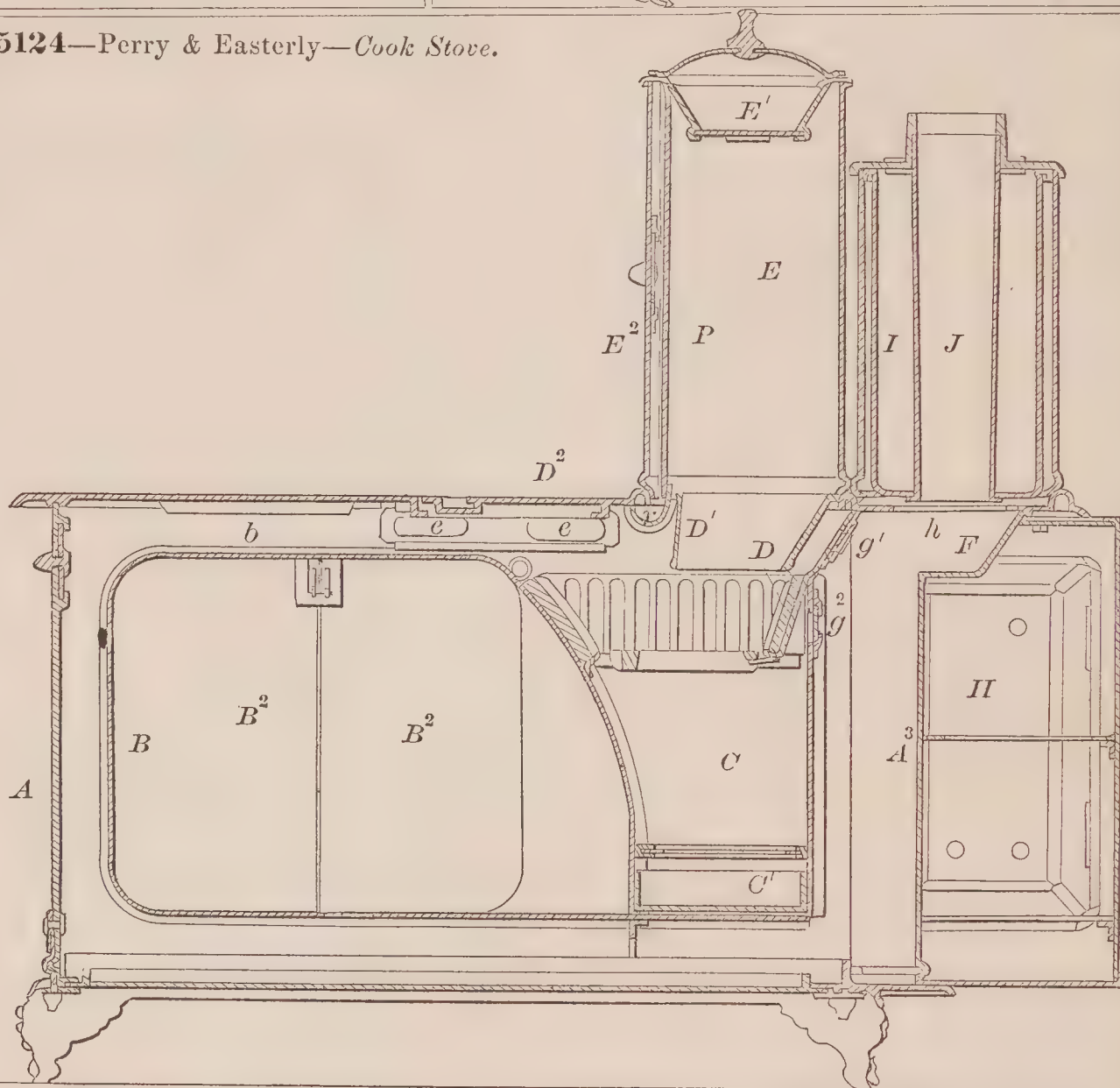
85123—G. W. & B. F. Parrott & Timson—*For Folding and Cutting Material for Shoe Uppers.*



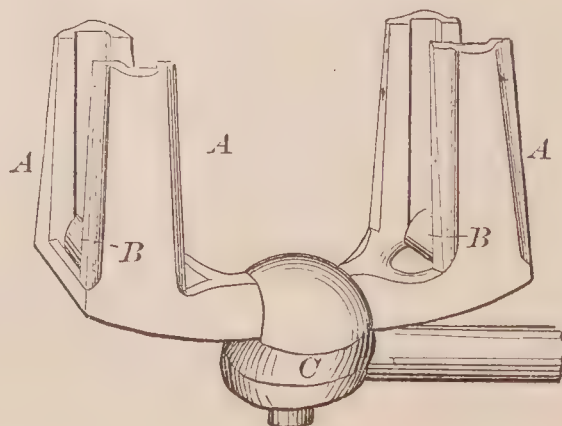
85126—W. H. Pitt—*Bathing Apparatus.*



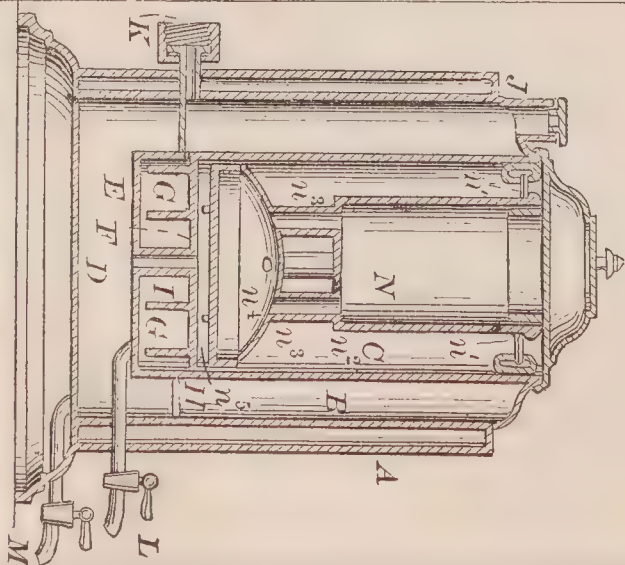
85124—Perry & Easterly—*Cook Stove.*



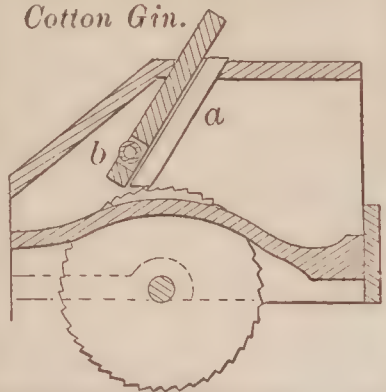
85127—N. M. Platt—*Gate.*



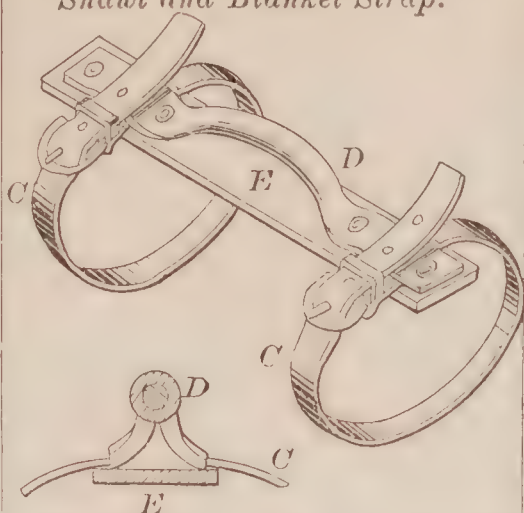
85125—H. Pietsch—*Water Cooler.*



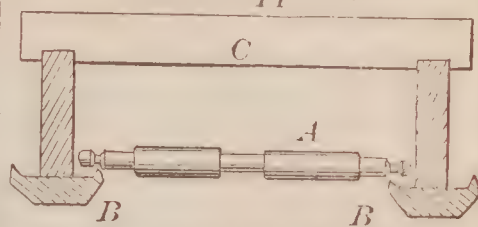
85128—A. A. Porter—  
Cotton Gin.



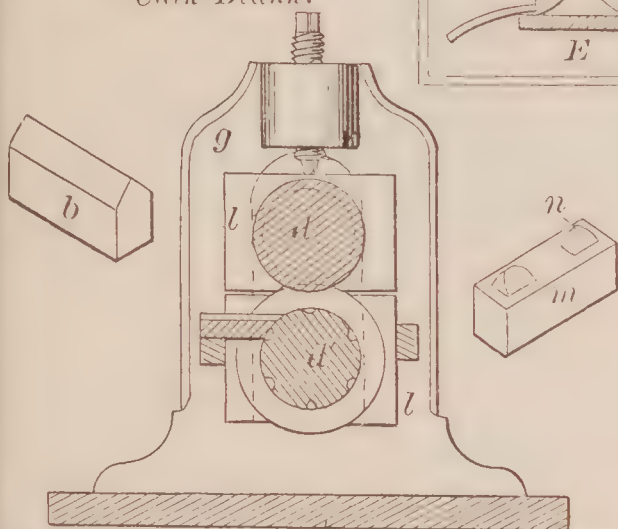
85129—T. W. & H. K. Porter—  
Shawl and Blanket Strap.



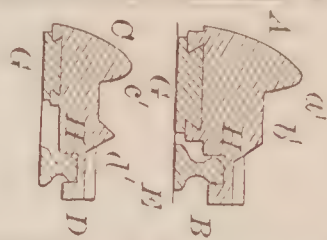
85134—V. E. Rusco—*Gambrel*  
and its Supports.



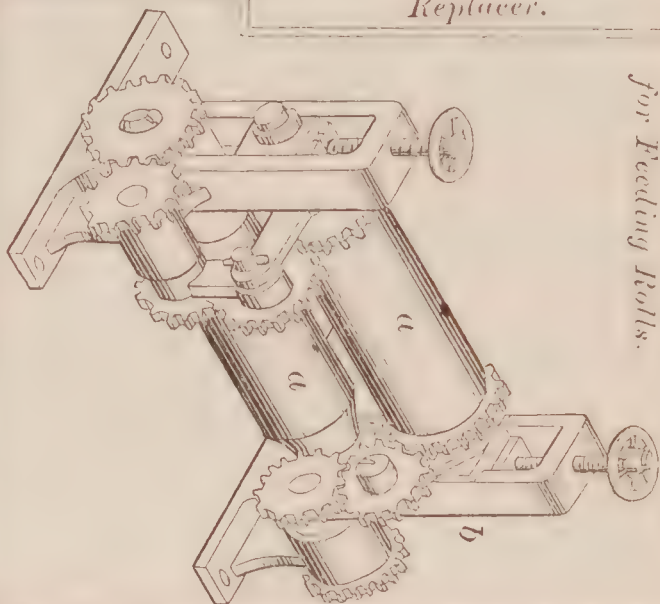
85130—A. Reese—*Toe*  
Calk Blank.



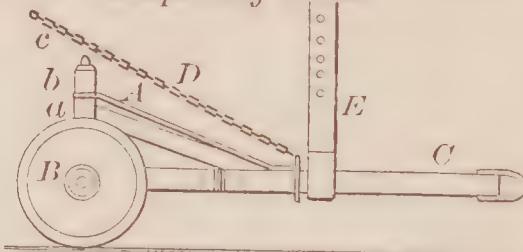
85137—H. Schreiner—*Car*  
Replacer.



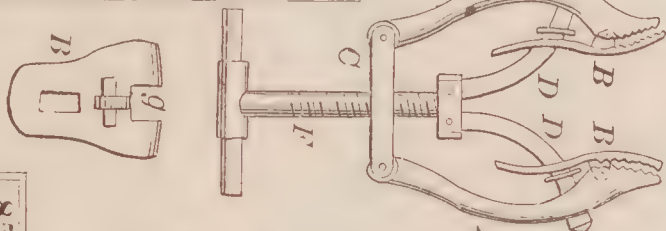
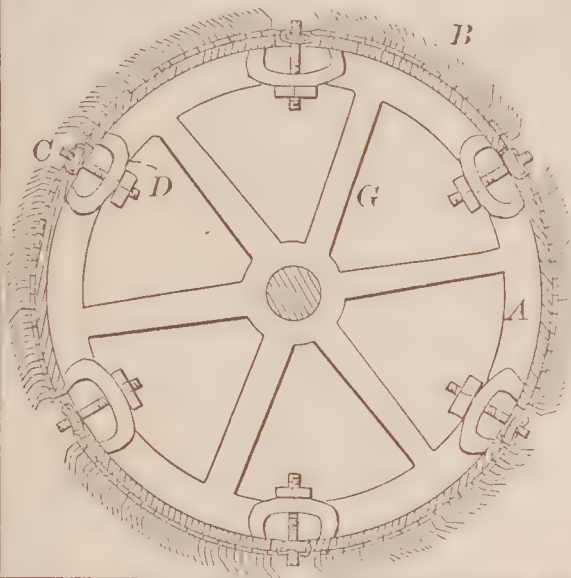
85131—J. Richards—*Gearing*  
for Feeding Rolls.



85135—J. Ryder—*For Extracting and*  
*Transporting Trees.*

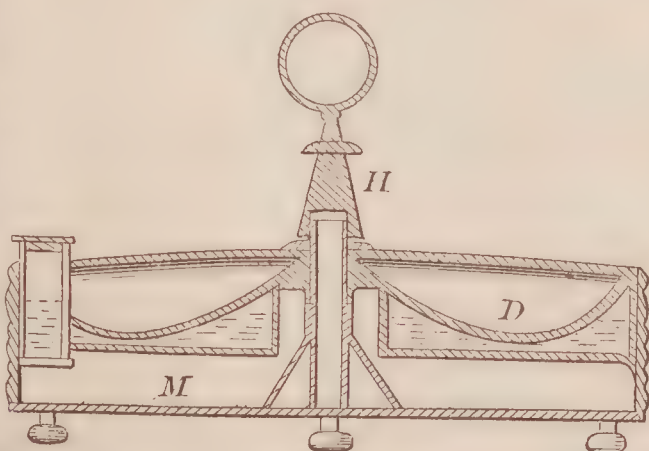


85133—D. H. Rowe—*Curding*  
*Engine.*

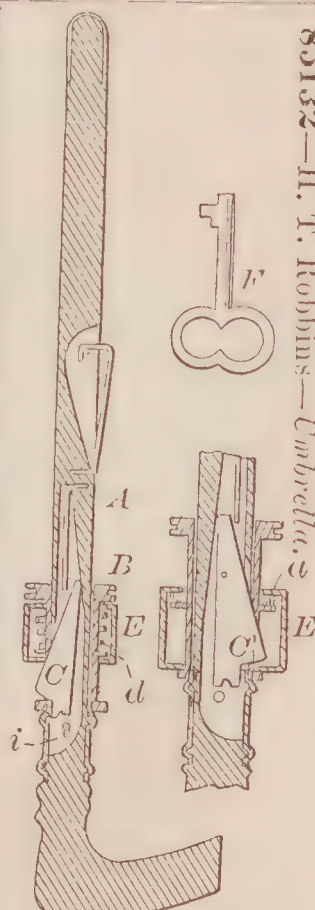


85138—L. Schÿe—*Boot Shank Machine.*

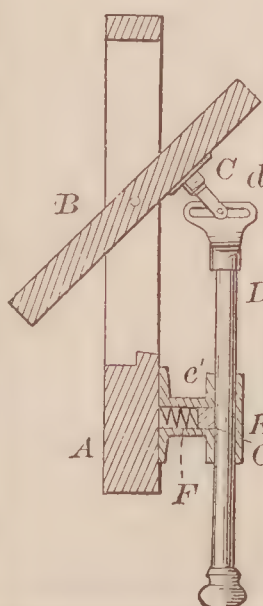
85136—W. H. Scanlan—*Portable Service*  
*Heater.*



85132—H. T. Robbins—*Umbrella,*

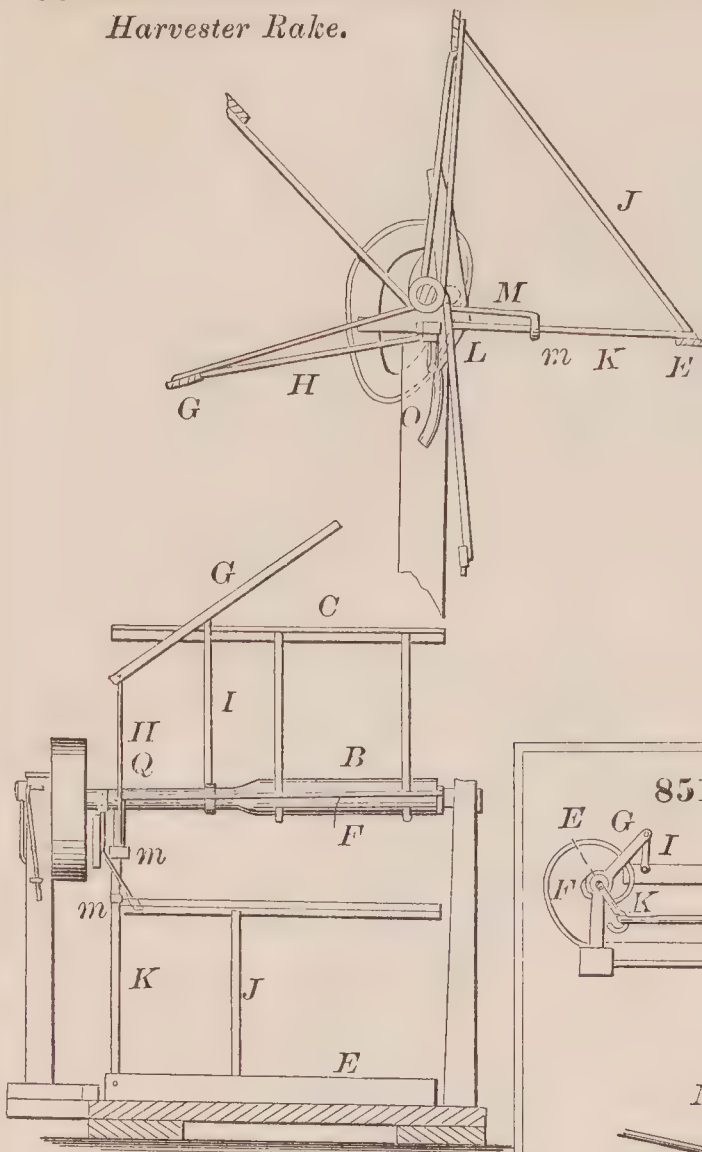


85143—Stickney & McUee—*For Opening*  
*Railway Car Ventilators.*

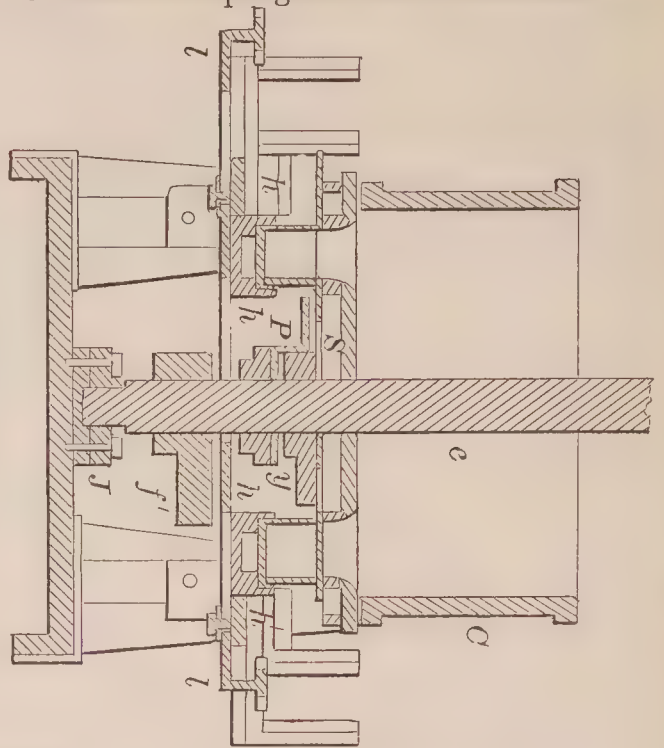




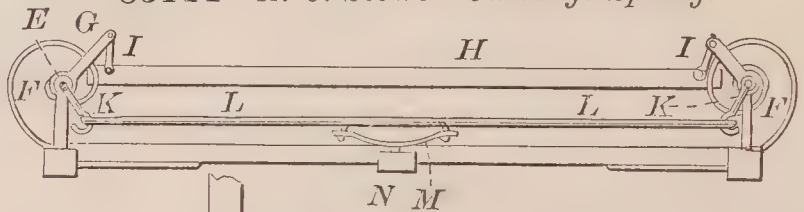
85139—S. S. & J. G. Sherman—  
*Harvester Rake.*



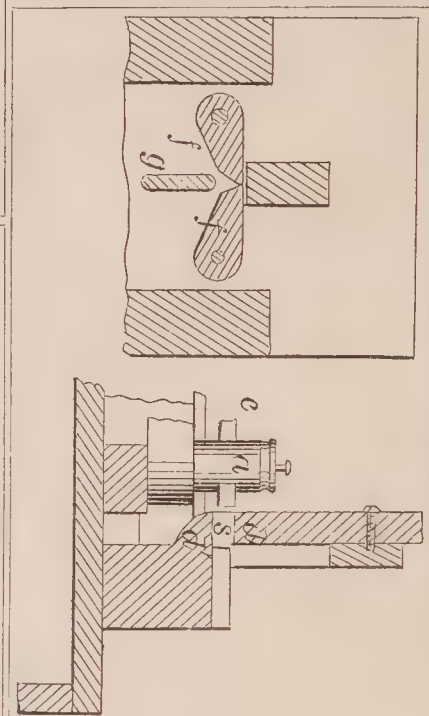
85142—E. Sprague—*Brick Machine.*



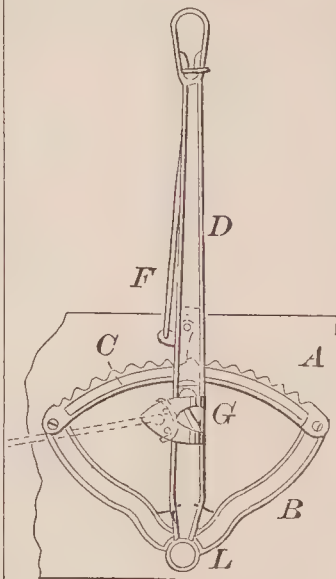
85144—A. C. Stowe—*Carriage Spring.*



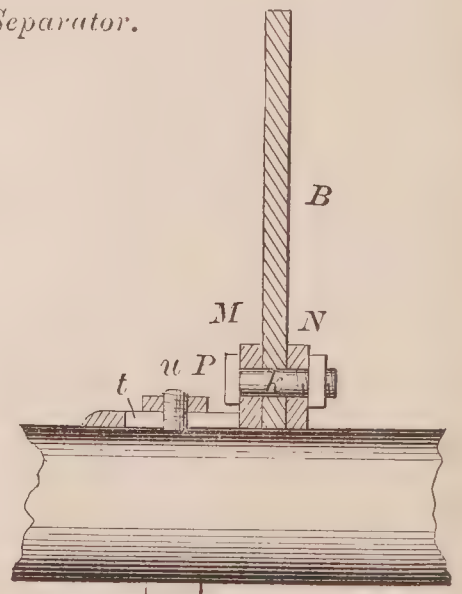
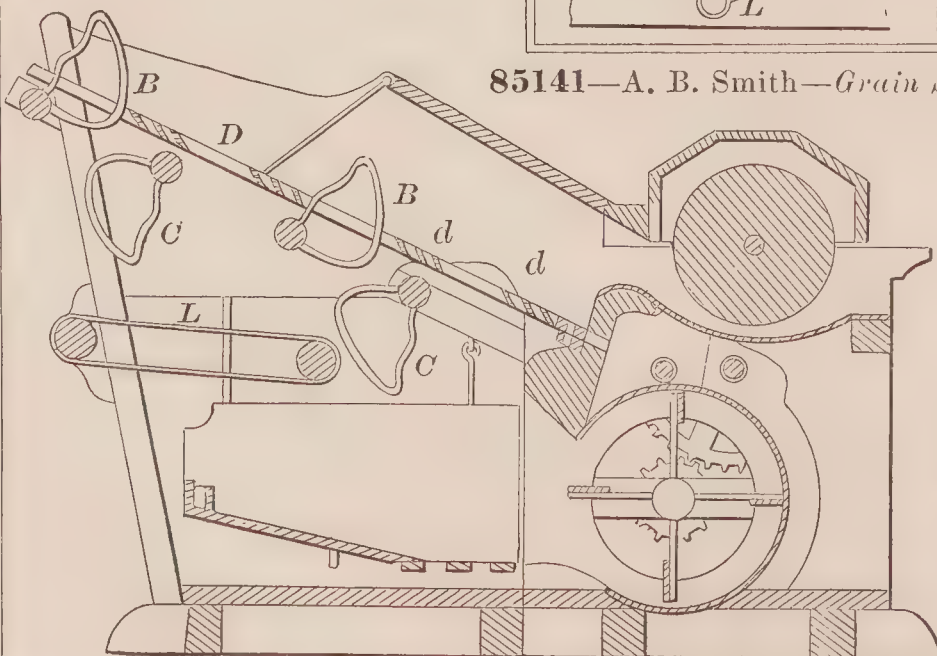
85146—L. Thomas—*Pointing Spikes.*



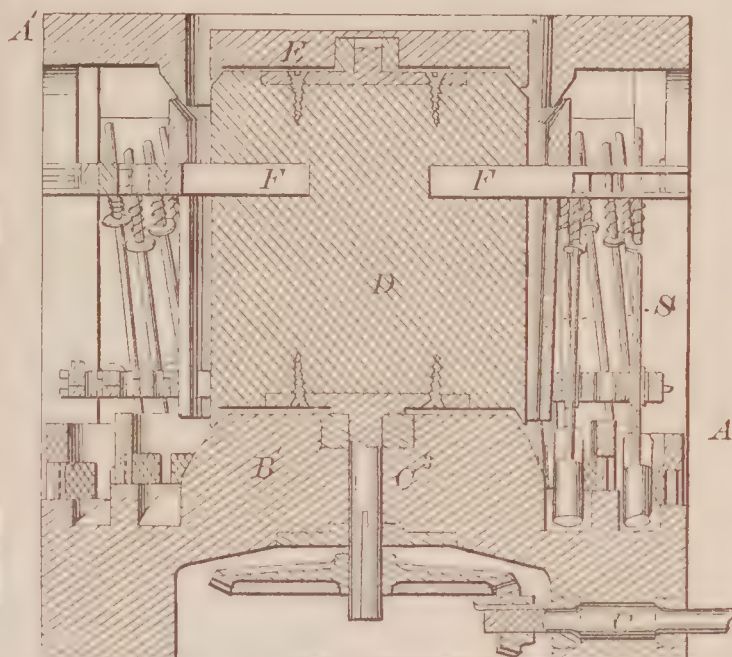
85148—T. Urie—*Wagon Brake.*



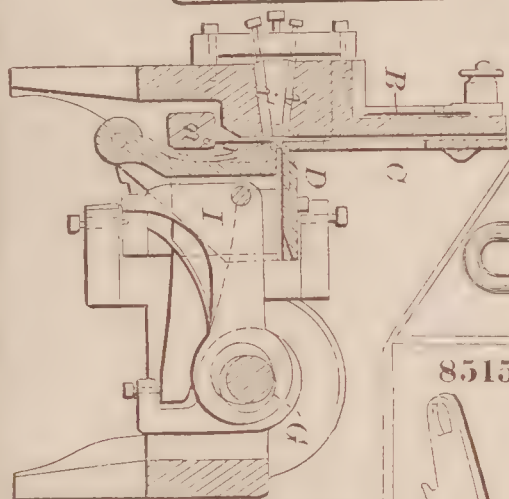
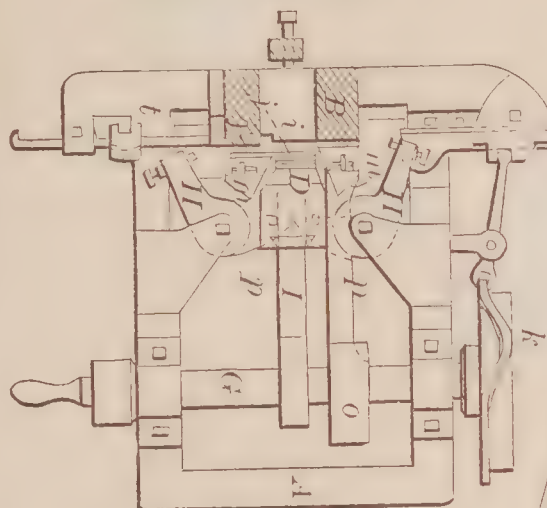
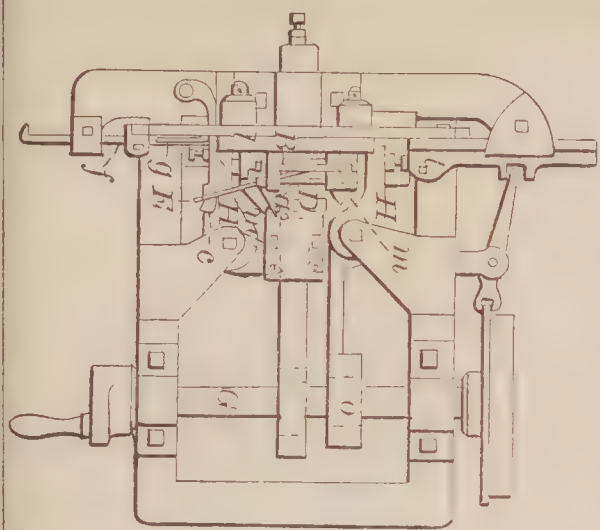
85141—A. B. Smith—*Grain Separator.*



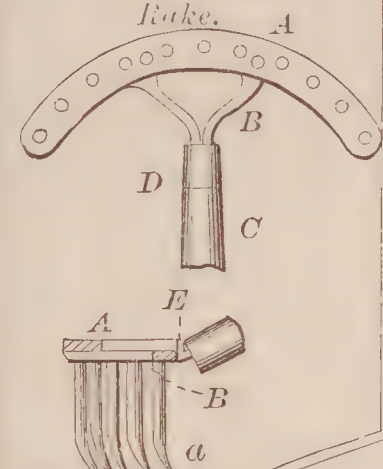
85153—E. J. Wilson—For Crushing Rock.



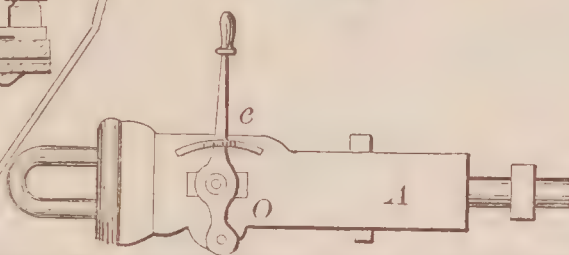
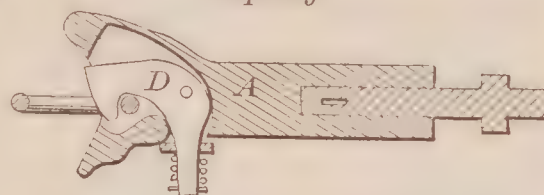
85145—Sweet & Elliott—For Making Cut Nails.



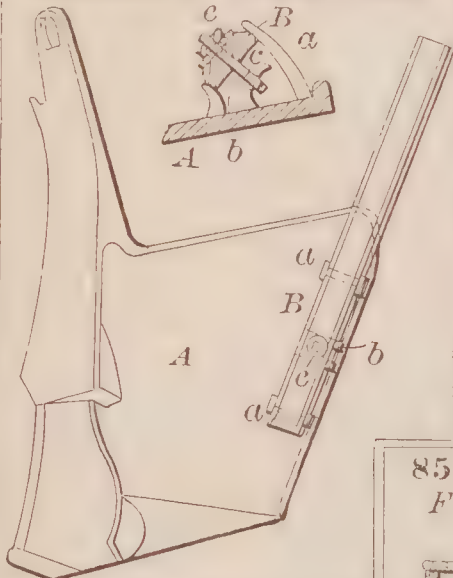
85154—A. Winters—Rake.



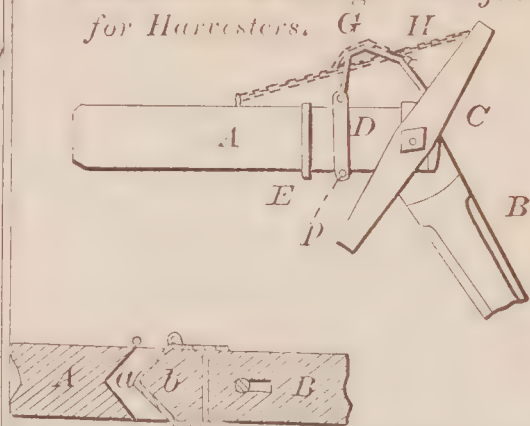
85147—A. B. Thompson—Car Coupling.



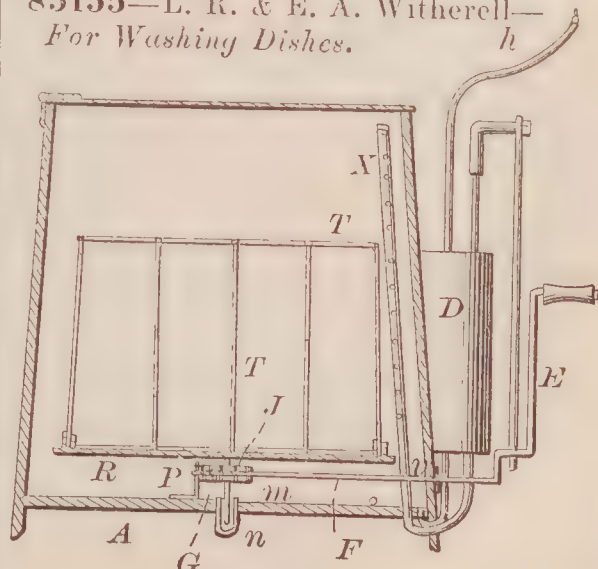
85152—E. Wiard—Plow.



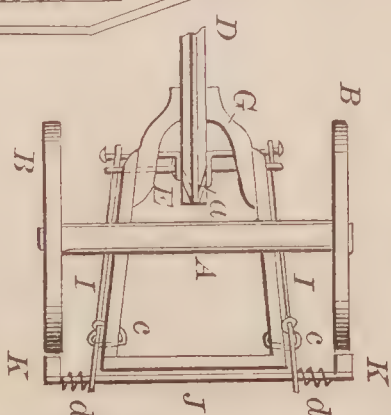
85150—J. Wadleigh—Tongue for Harrows.



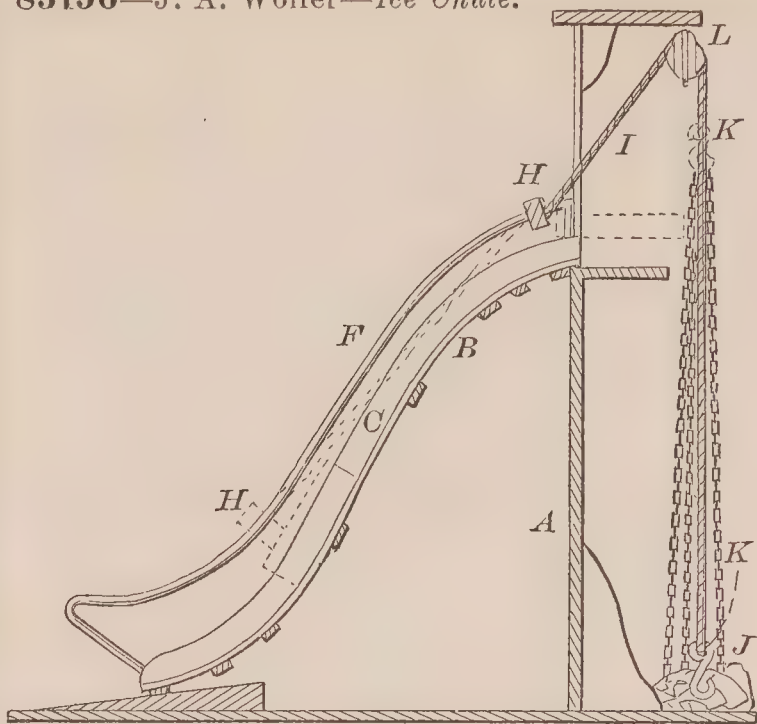
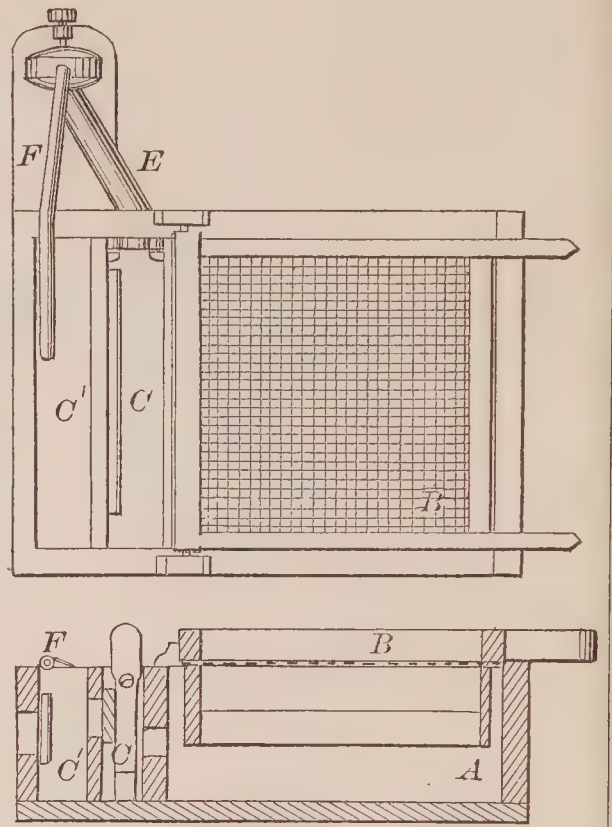
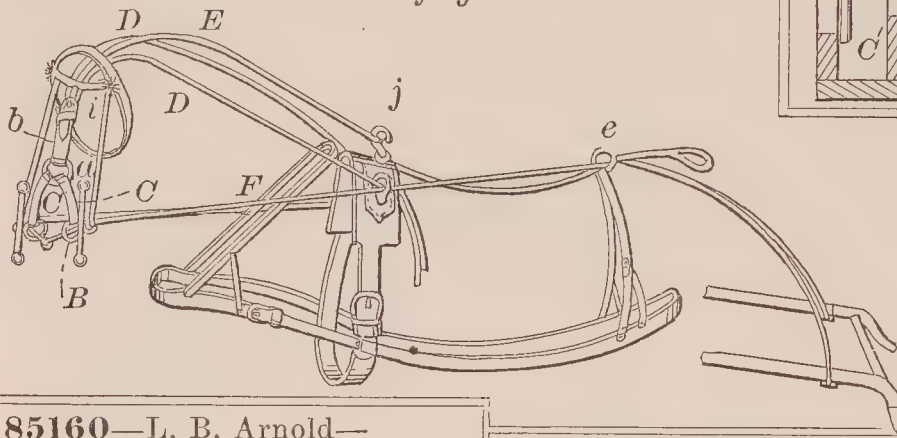
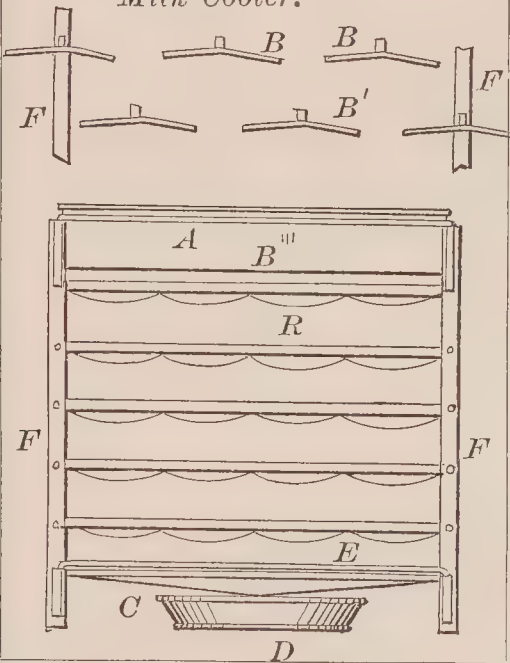
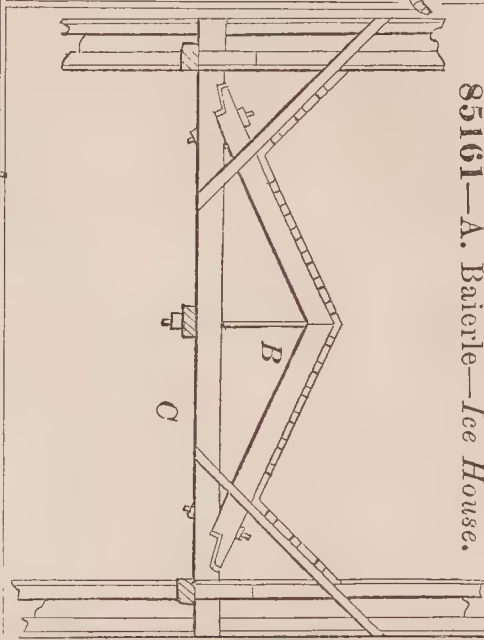
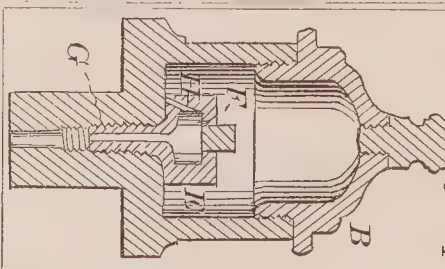
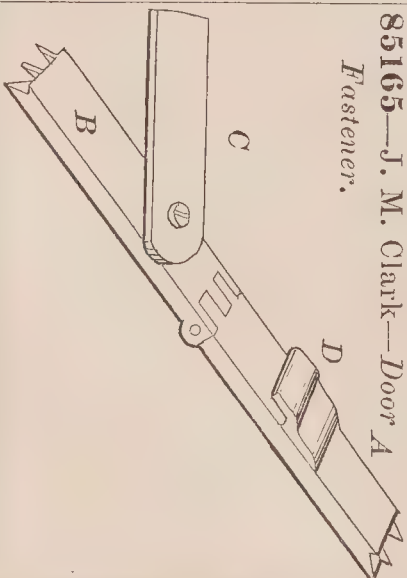
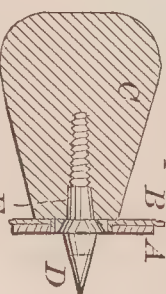
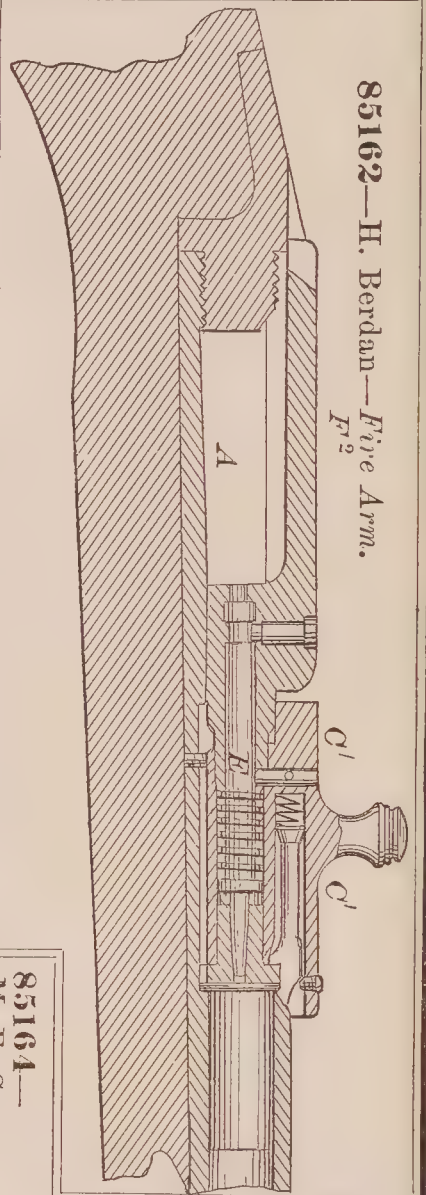
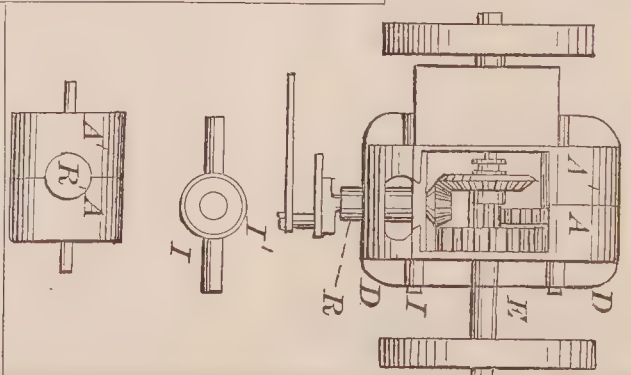
85155—L. R. & E. A. Witherell—For Washing Dishes.



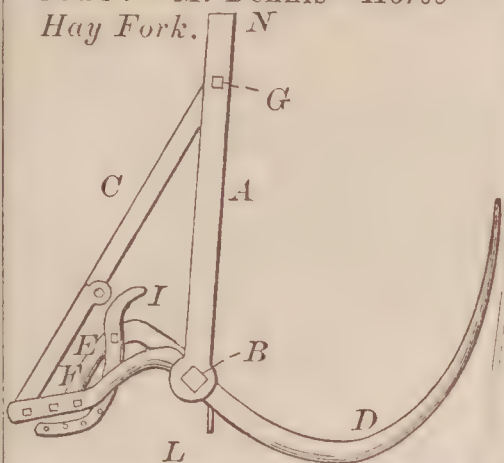
85151—Welsh & Wylie—Wagon Brake.



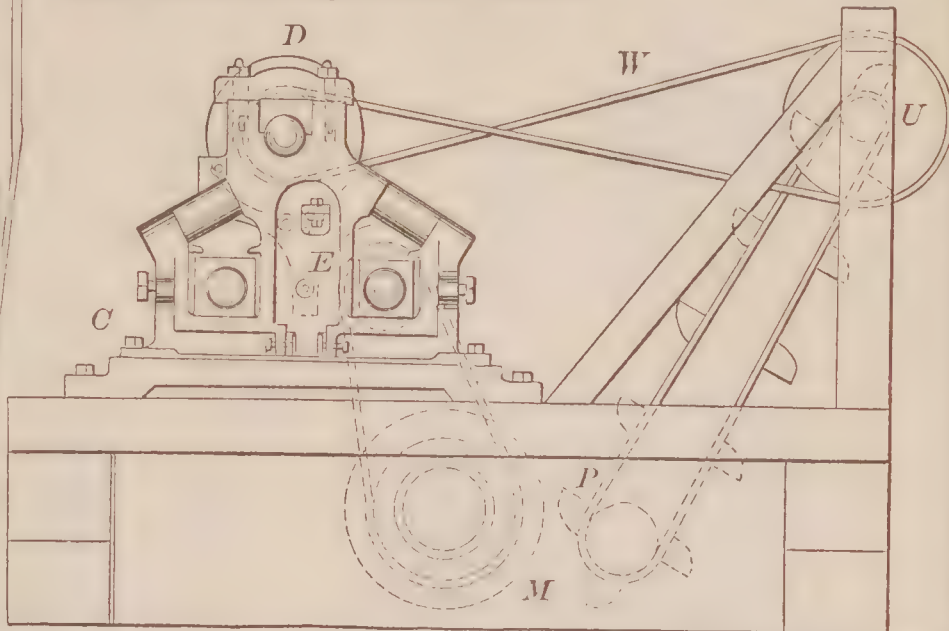


85156—J. A. Wolfer—*Ice Chute.*85157—J. Wrinkle—*For Mixing Coloring Matter with Paper Pulp.*85158—S. V. R. York—*Safety Bridle.*85160—L. B. Arnold—*Milk Cooler.*85161—A. Baierle—*Ice House.*85164—M. F. Carson—*Lubricating Cup.*85165—J. M. Clark—*Door A Fastener.*85163—G. P. Bergen—*Scissors Sharpener and Screw Driver.*85162—H. Berdan—*Five Arm.*85159—G. W. N. Yost—*Harvester.*

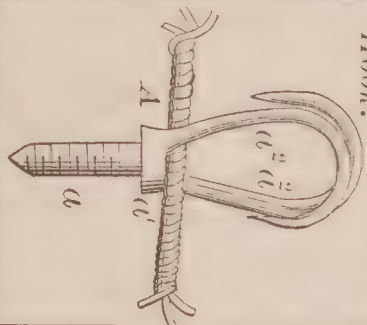
85167—M. Dennis—*Horse Hay Fork.*



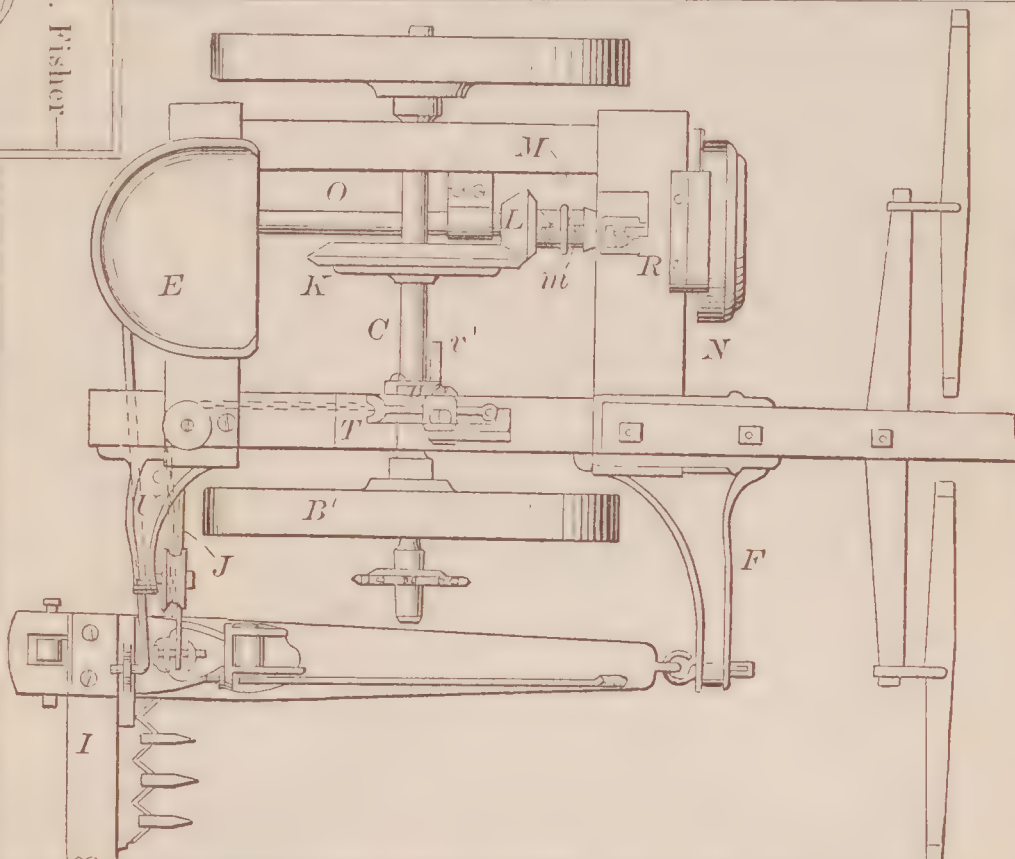
85172—B. Irving—*Bark Crusher.*



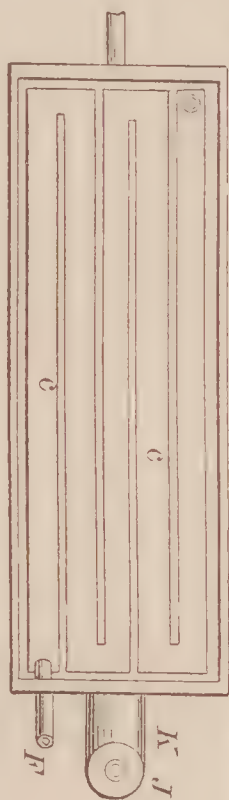
85169—H. Fisher—*Hook.*



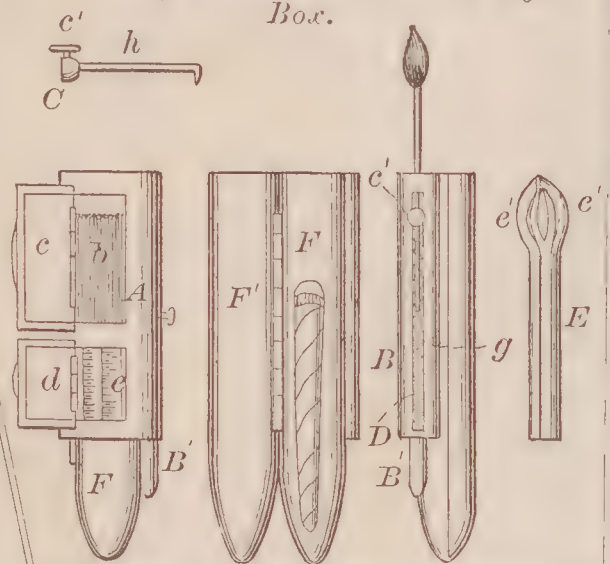
85168—J. A. Dodge—*Harvester.*



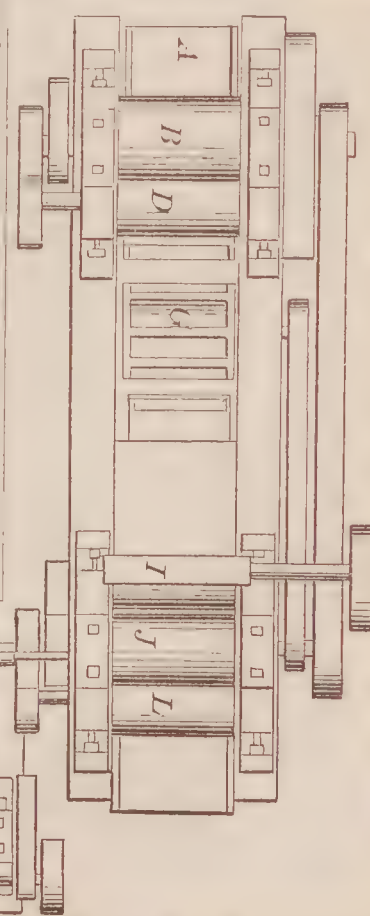
85174—B. Irving—*Concentrating the Extract of Tea Bark.*



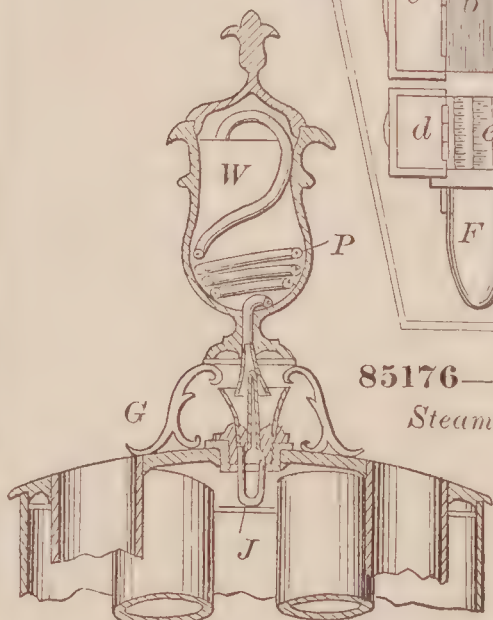
85170—G. Graetz—*Match and Cigar Box.*



85173—B. Irving—*For Obtaining Extracts from Bark.*

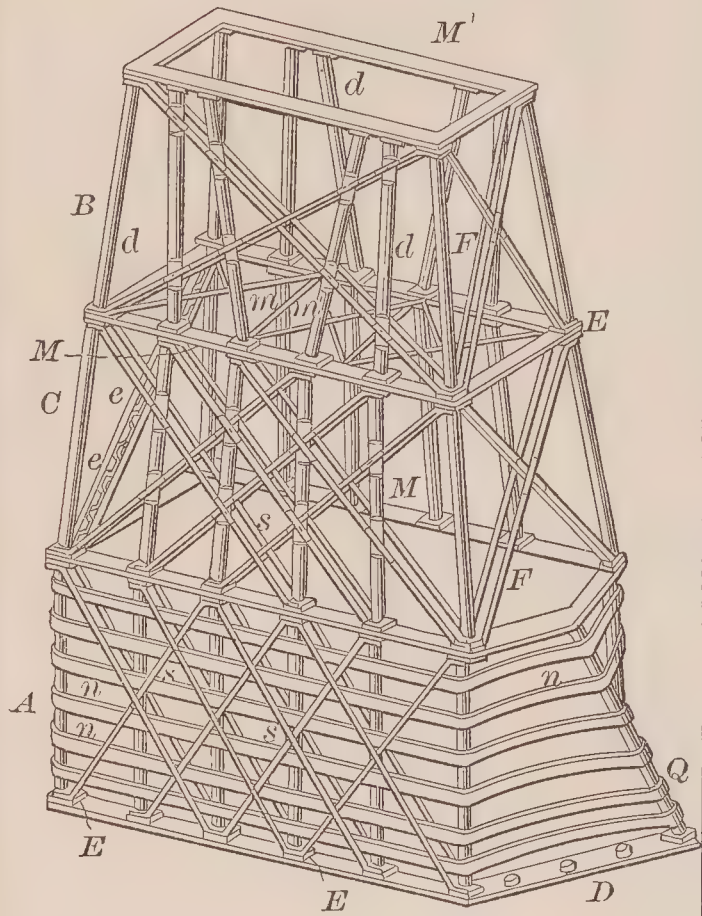
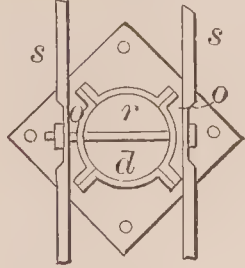


85176—J. Johnson—*Steam Heater.*

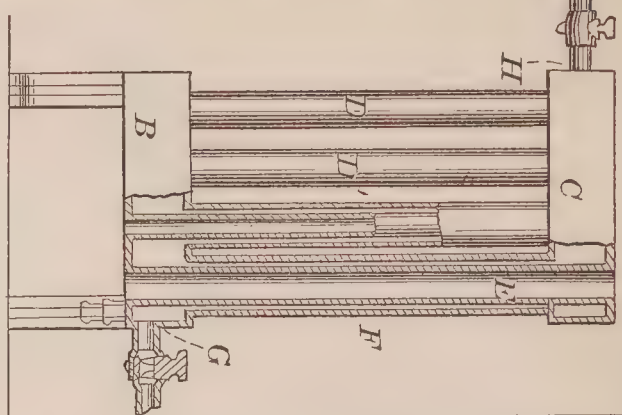




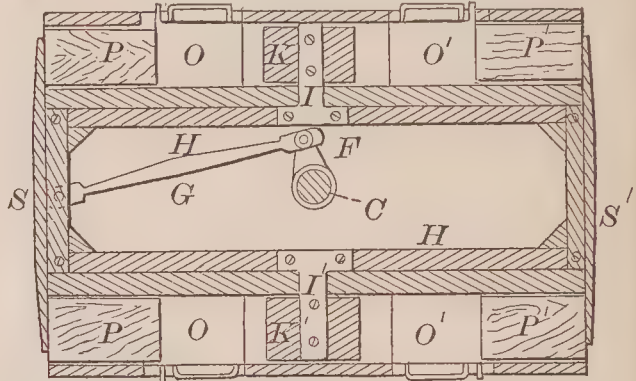
85171—E. M. Grant—*Bridge Pier.*



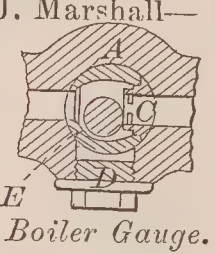
85177—J. Johnson—*Steam Heater.*



85178—Z. Ludington—*Peat Machine.*

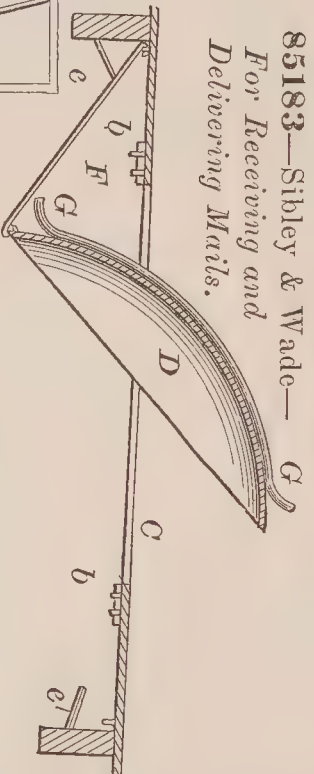


85179—J. Marshall—

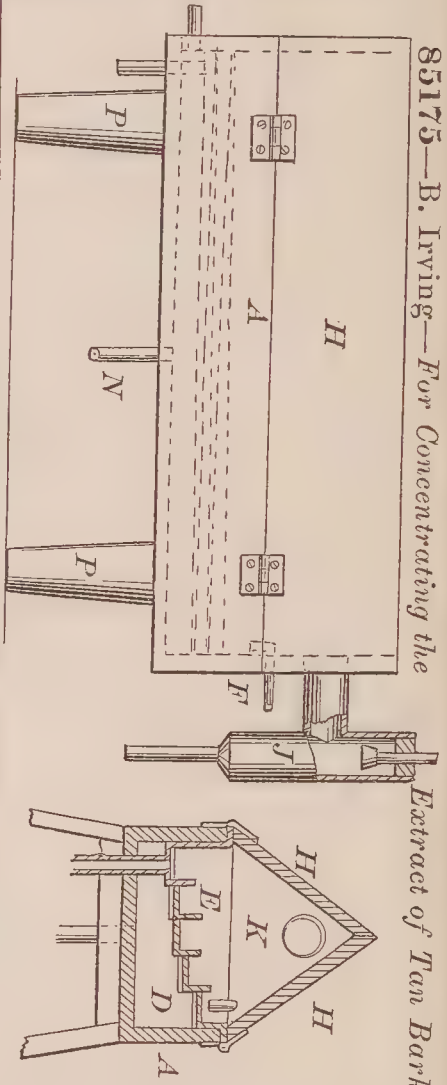


Boiler Gauge.

85183—Sibley & Wade—  
For Receiving and  
Delivering Mails.

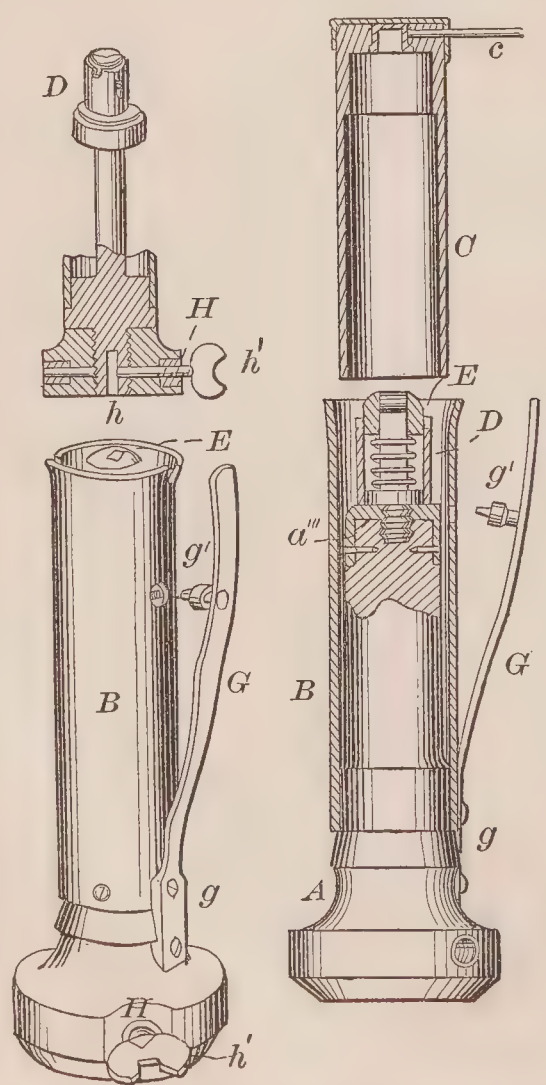


85175—B. Irving—*For Concentrating the*

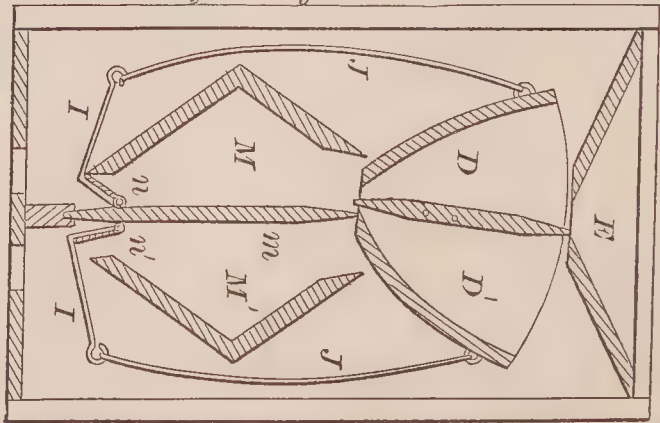


Extract of Tan Bark.

85180—P. Powell—*Cartridge Charger.*

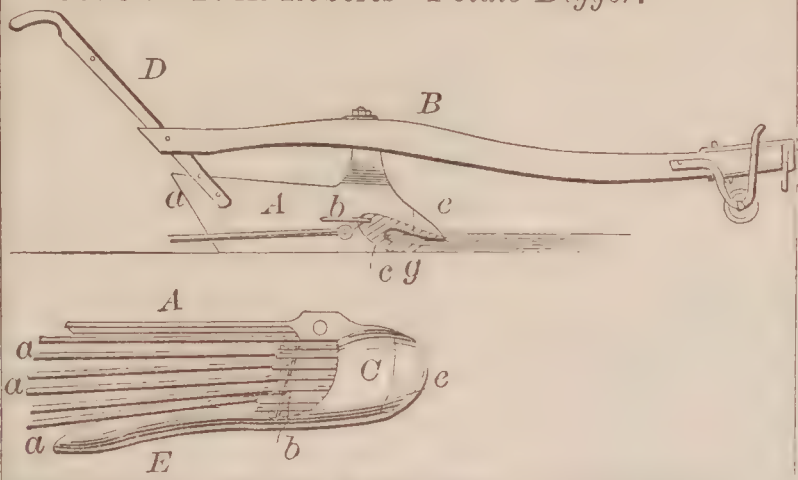


85181—L. Reynolds—*Grain Weighing and  
Registering Machine.*

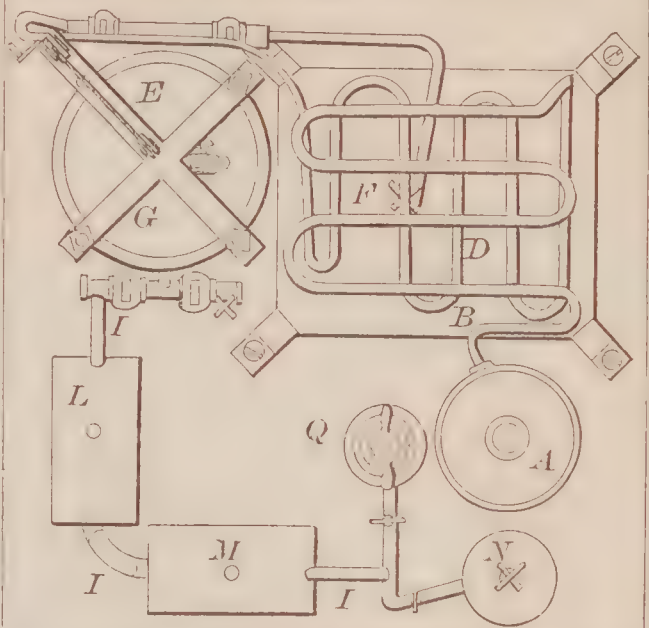




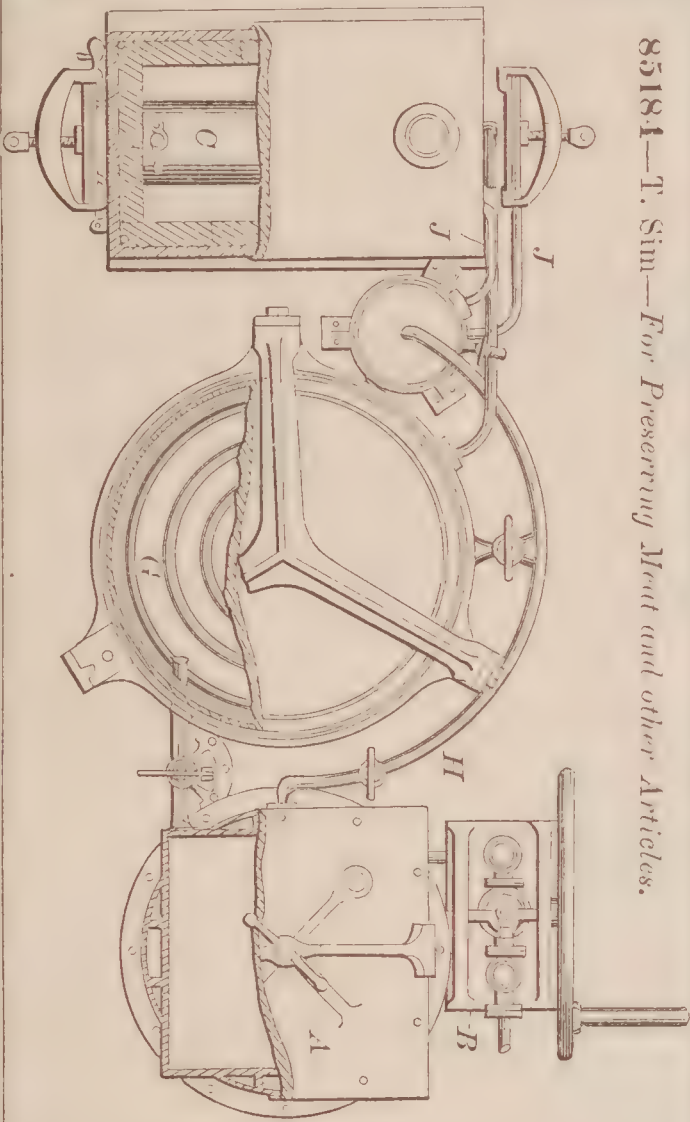
85182—F. A. Roberts—*Potato Digger.*



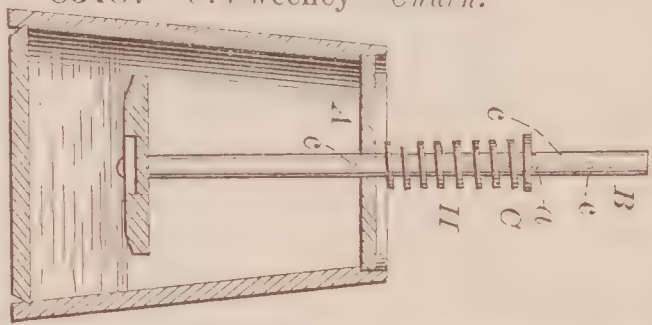
85185—J. D. Spang—*Gas Machine.*



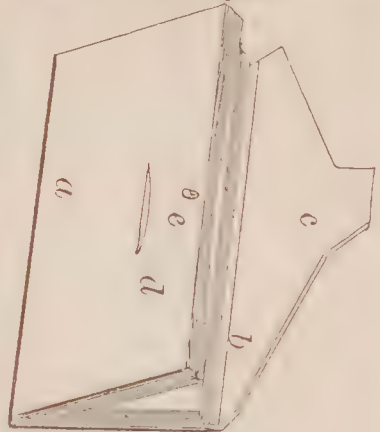
85184—T. Sim—*For Preserving Meat and other Articles.*



85187—C. Sweeney—*Churn.*



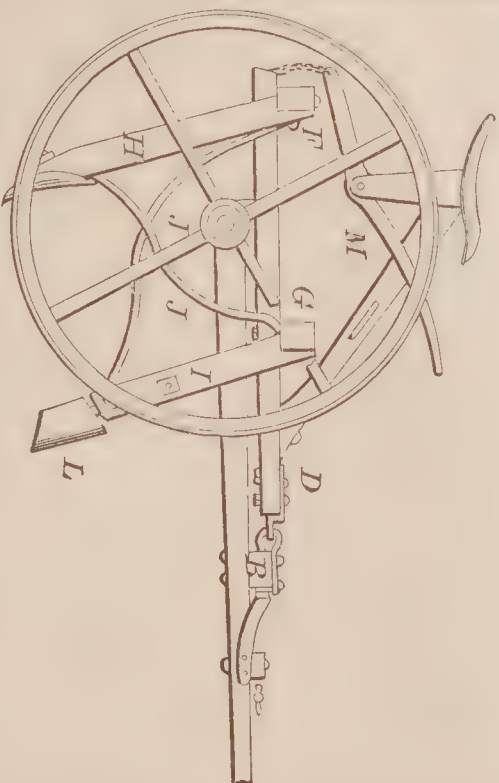
85188—G. W. Thompson—*Medicated Paper.*



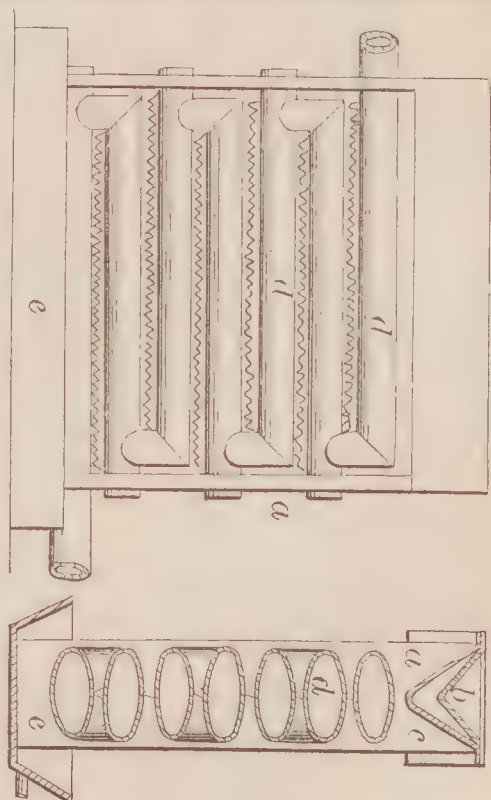
85186—P. J. Stoll—*Hitching Strap Buckle.*



85189—D. W. Travis—*Cultivator.*

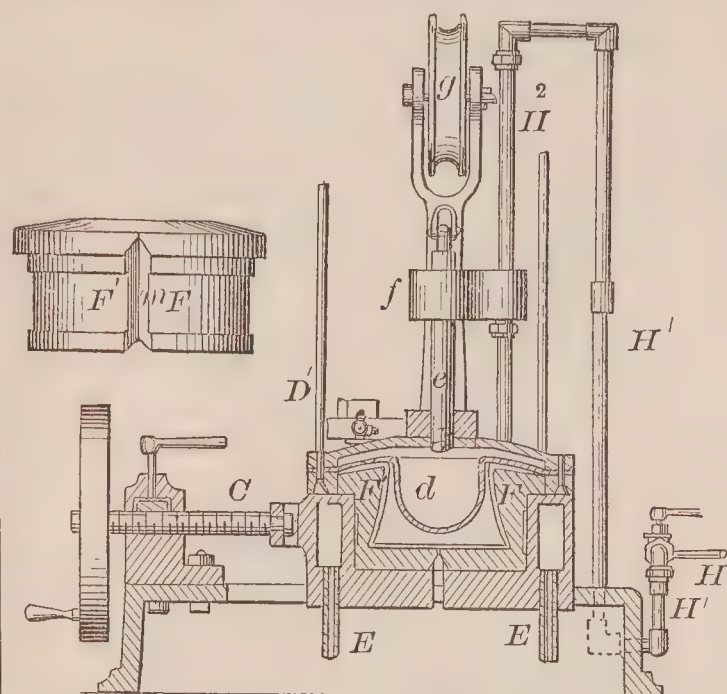


85190—G. B. Turrell—*Cooler for Beer and other Liquids.*

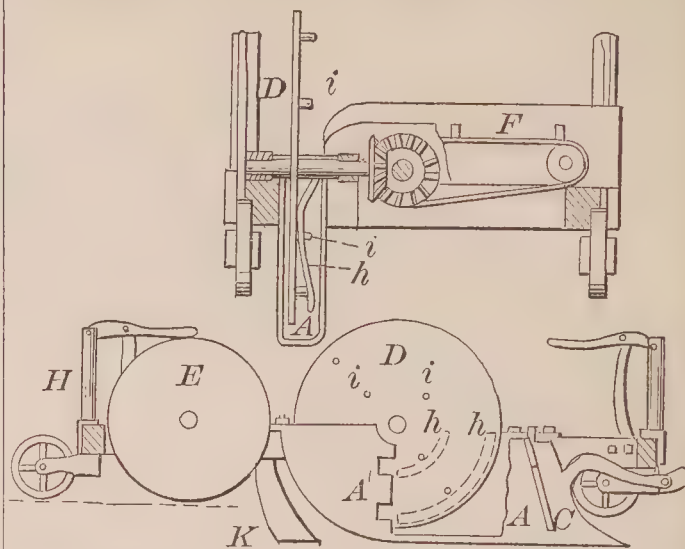




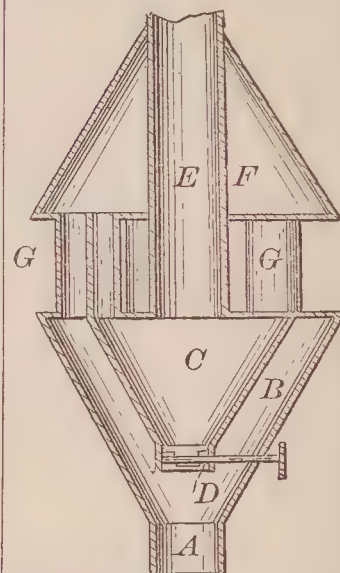
85191—J. E. Ward—Mould for Forming Hats.



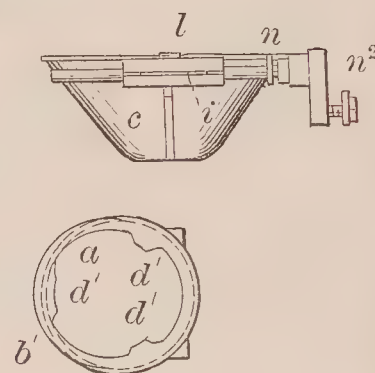
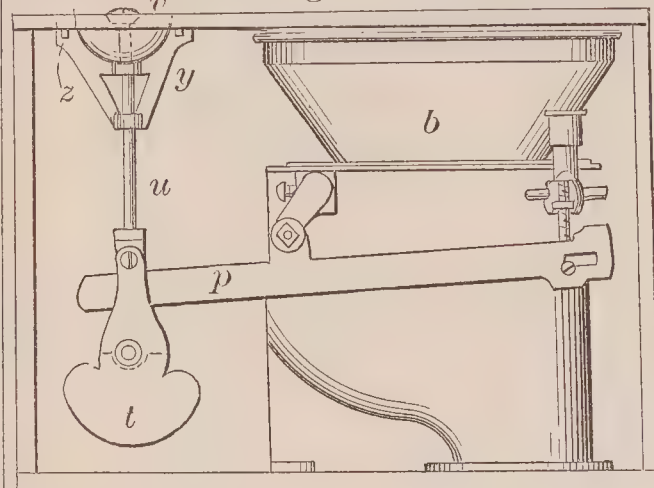
85195—W. Young—Hedge Planter.



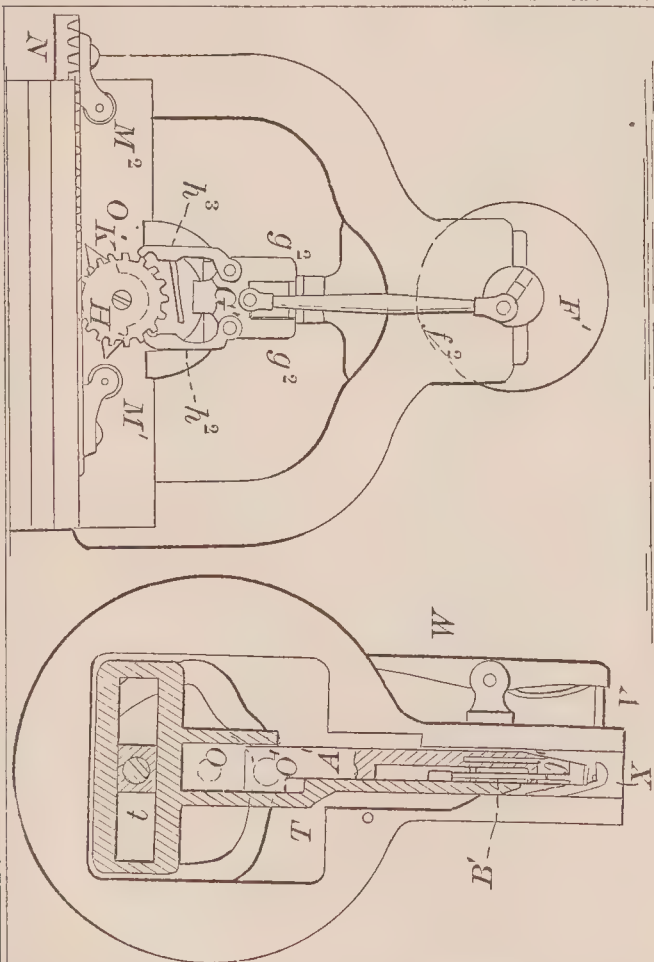
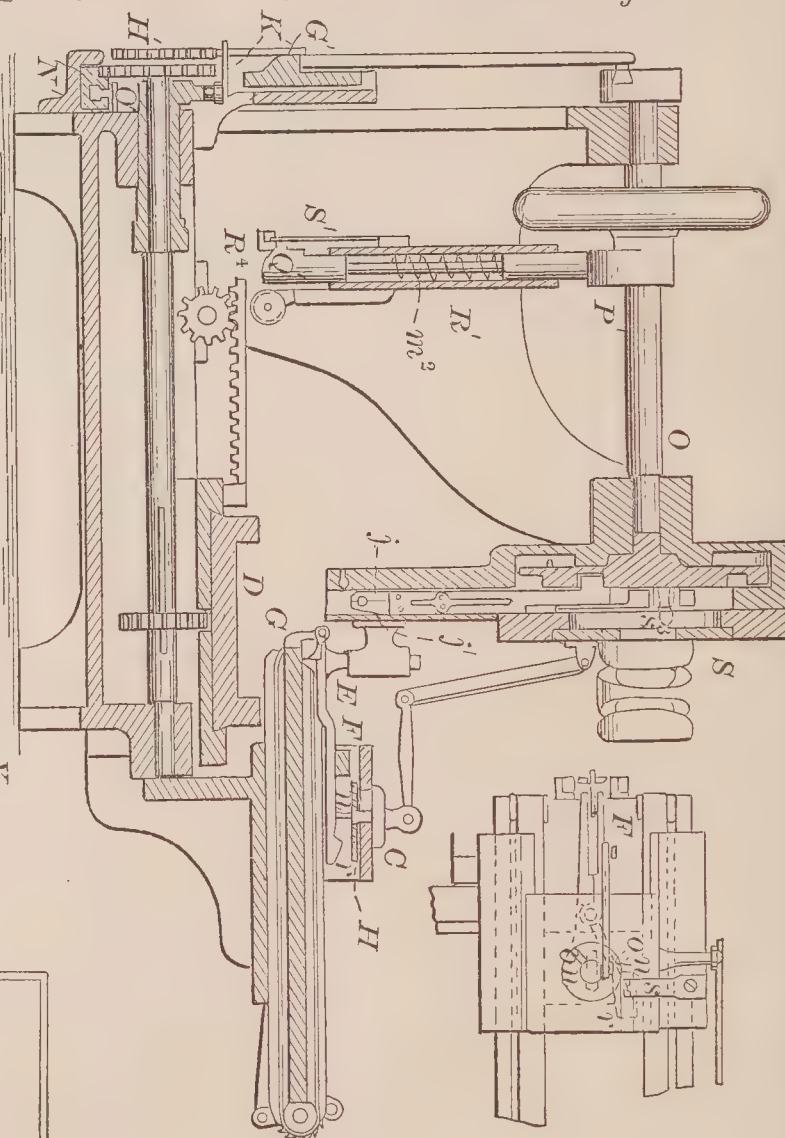
85196—J. Adams—Stove Drum.



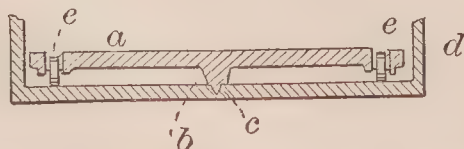
85192—D. Wellington—Water Closet.



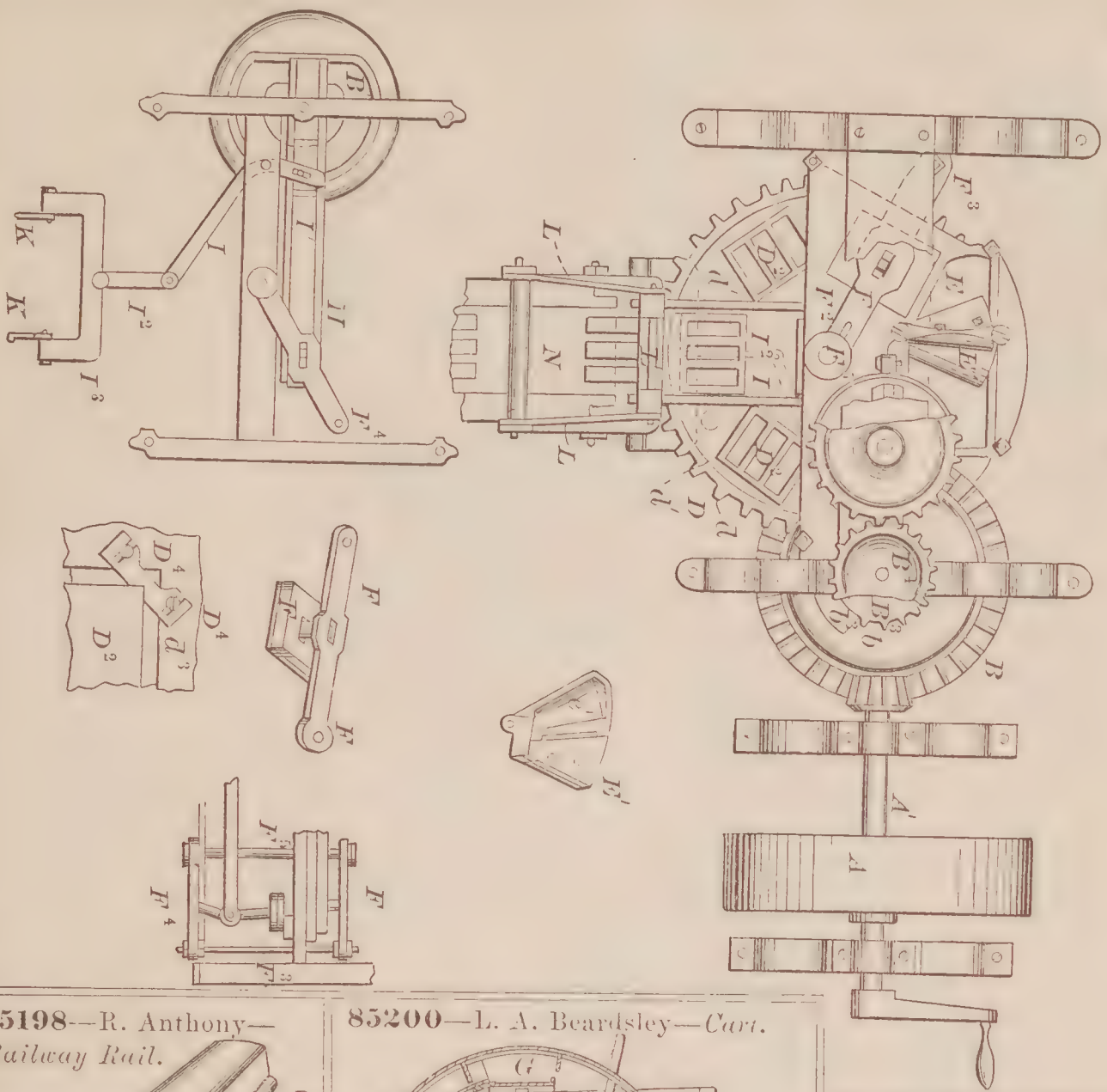
85193—A. M. White—Brush Making Machine.




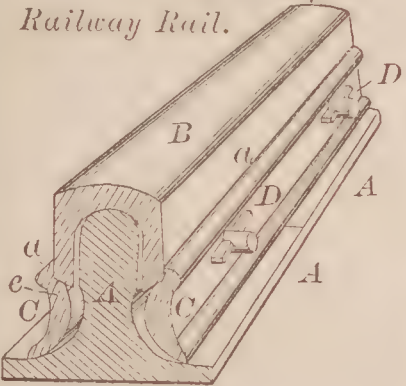
85194—R. C. Whitehouse—Stove Oven.



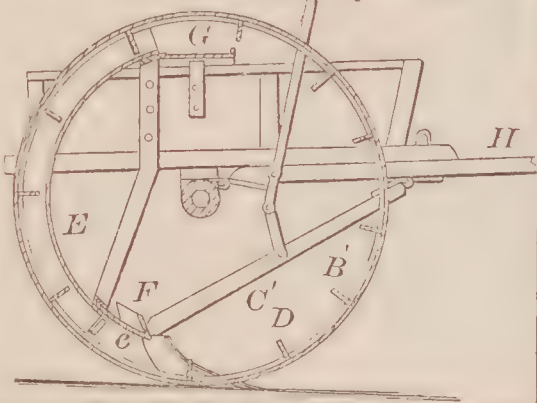
85197—H. Aiken—*Brick Machine.*



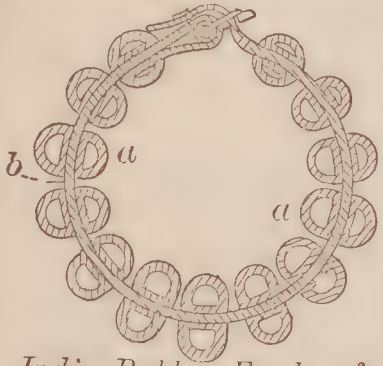
85198--R. Anthony--  
*Railway Rail.* 



85200—L. A. Beardsley—Cart.

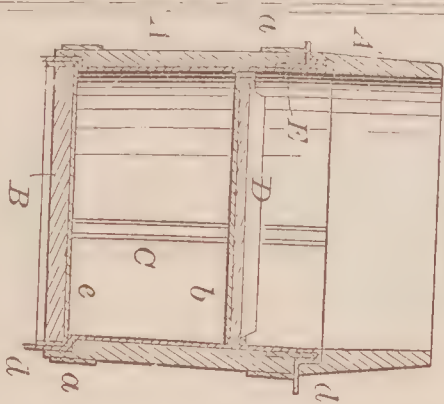


85205—C. Brinckerhoff—

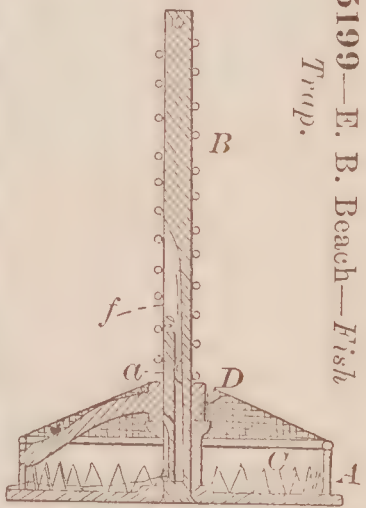


*India Rubber Fender for Interfering Horses.*

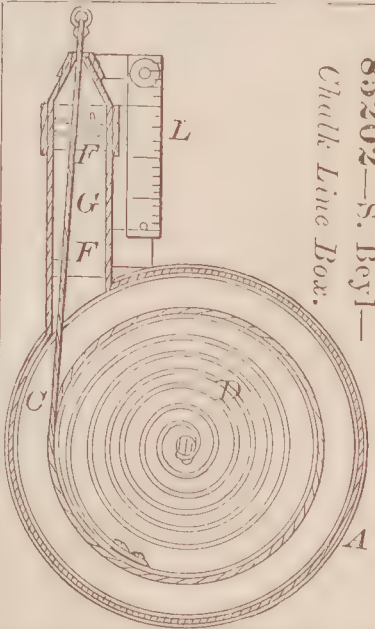
85201—A. F. Bent—  
*Cheese Hoop.*



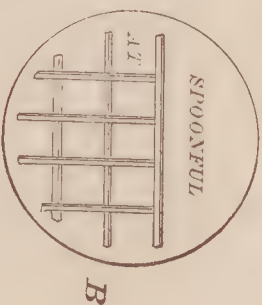
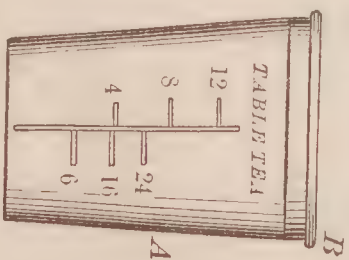
85199—E. B. Beach—*Fish  
Trap.*



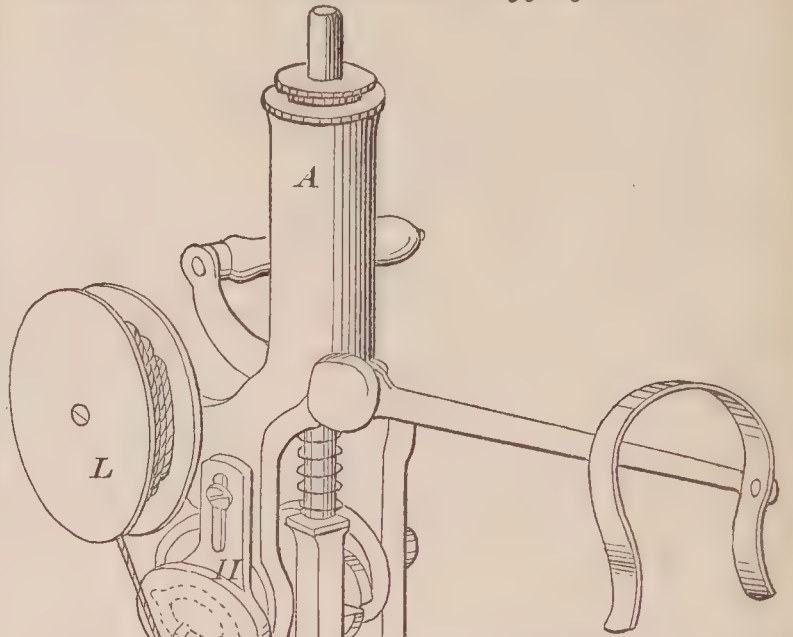
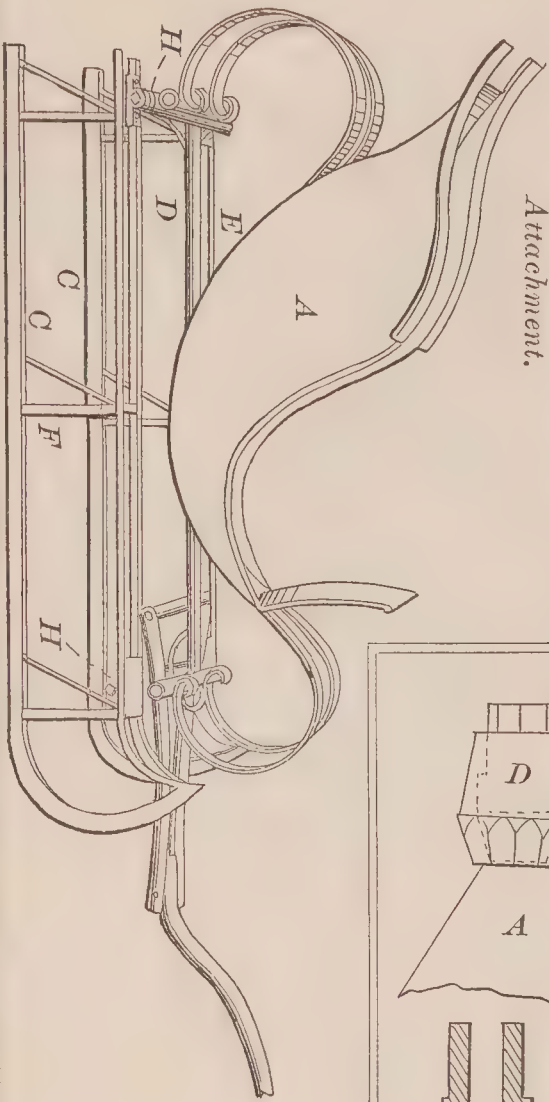
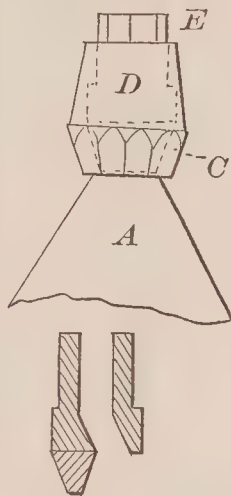
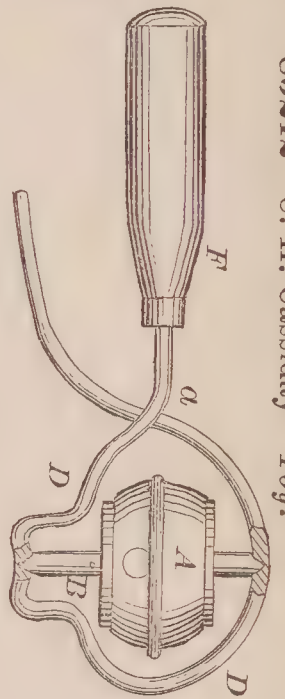
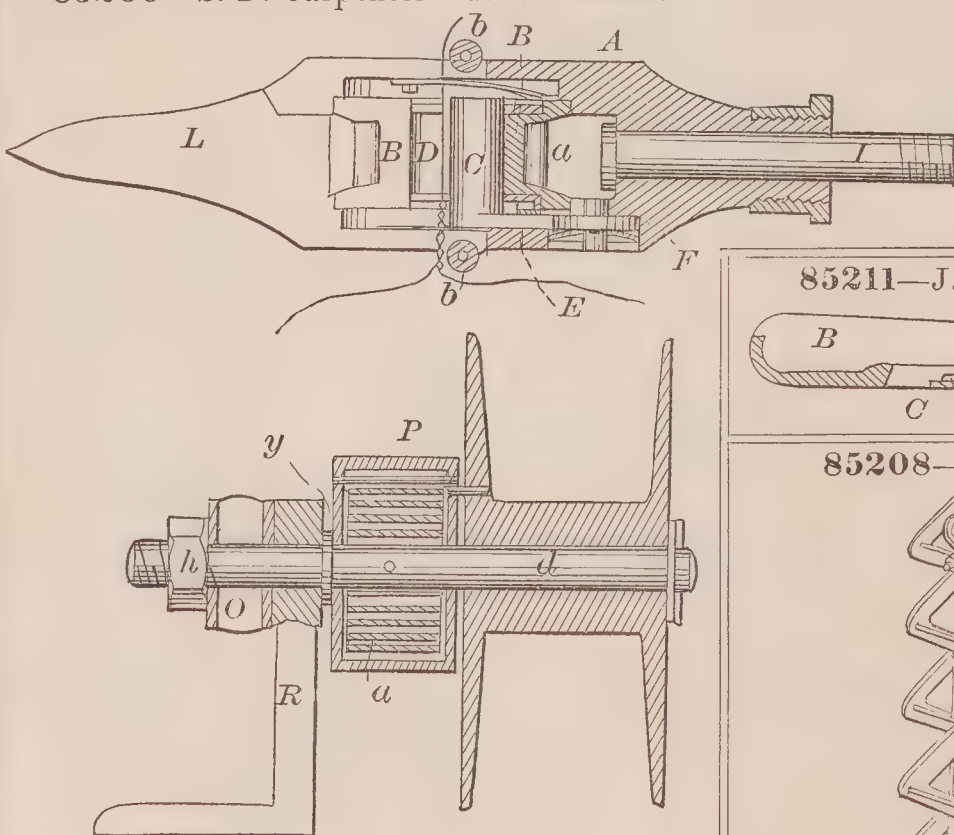
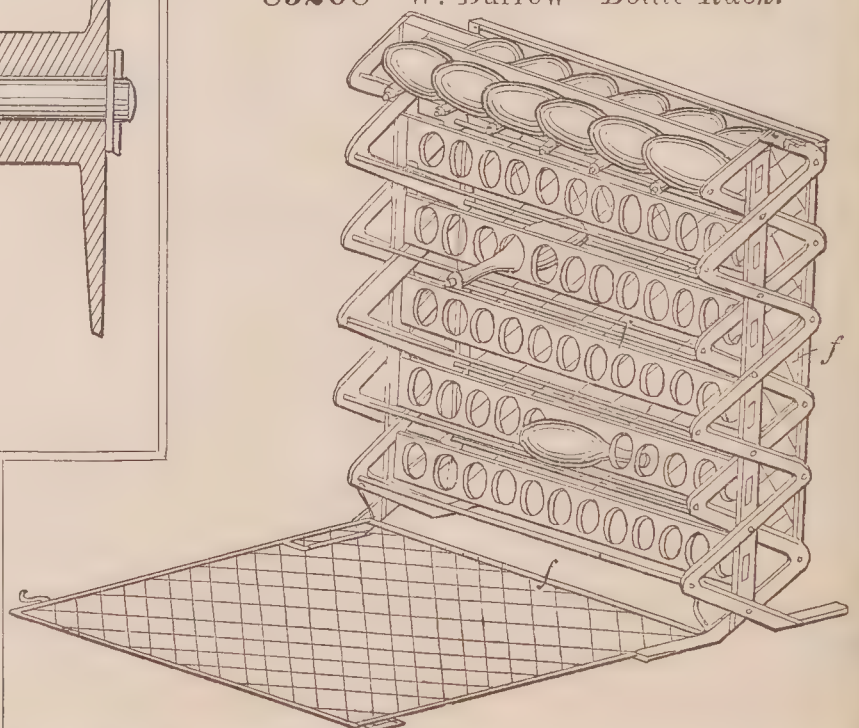
85202—S. Beyl—  
Chalk Line Box.



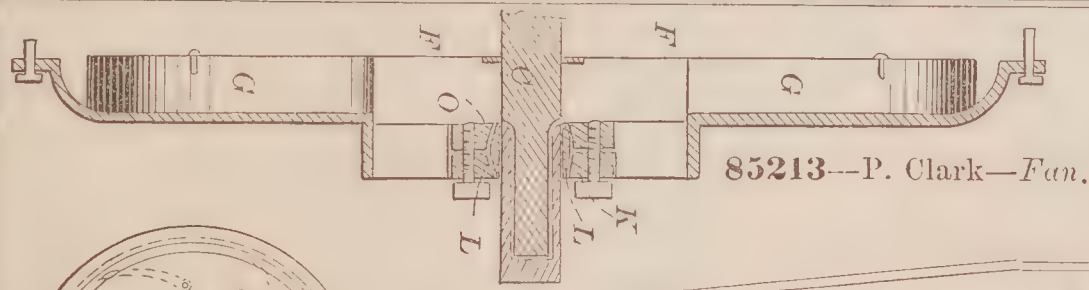
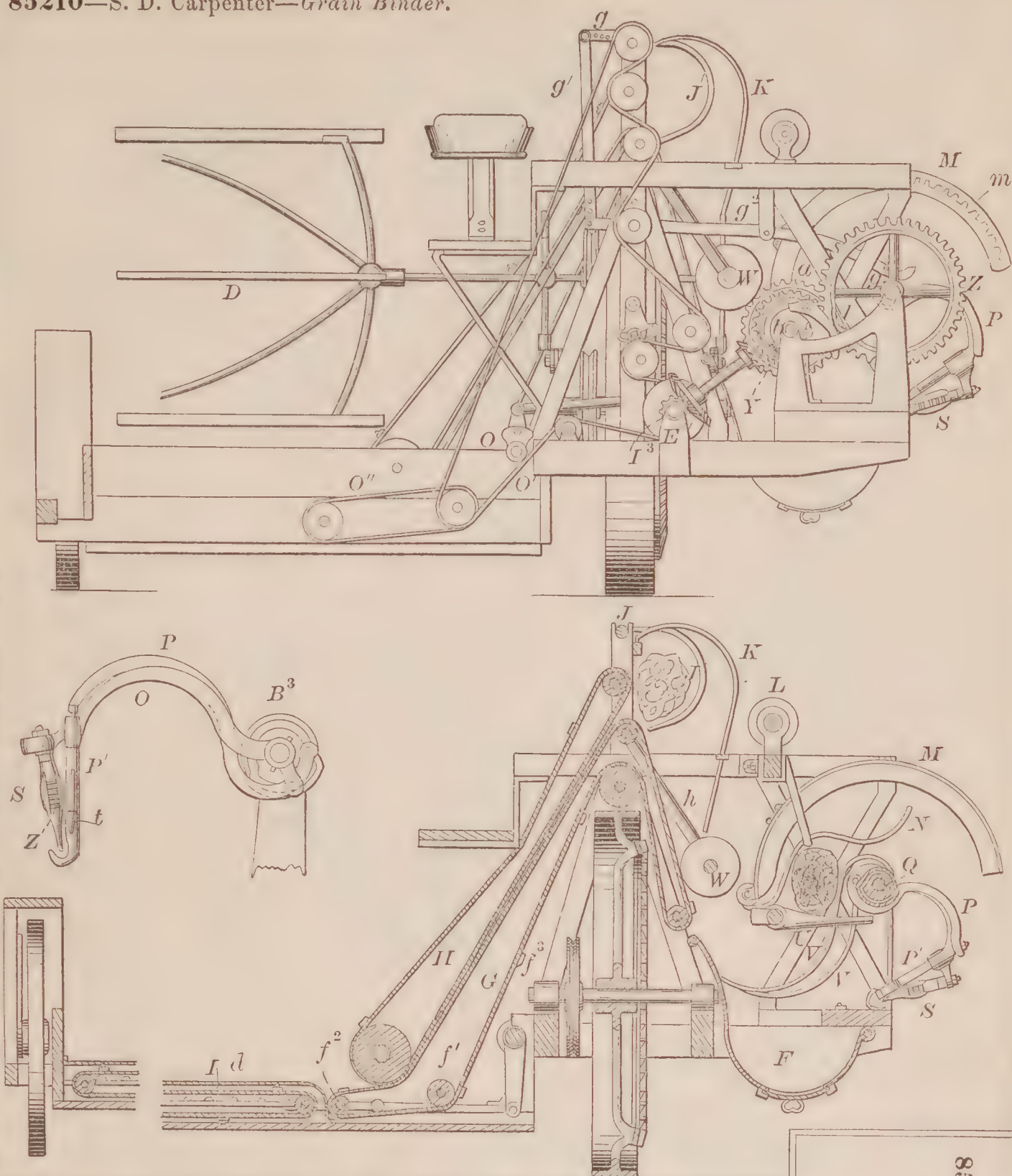
85203—T. G. Bogg—  
*Medicine Glass.*





85206—J. H. Brown—*For Pegging Shoes.*85204—C. F. Brigham—*Carriage Attachment.*85214—C. J. Converse—*Bottle Stopper.*85212—C. H. Cassidy—*Toy.*85209—S. D. Carpenter—*Grain Binder.*85211—J. Carreer—*Pocket Cutlery.*85208—W. Burrow—*Bottle Rack.*85207—J. H. Brown—*Sole for Boots and Shoes.*

85210—S. D. Carpenter—*Grain Binder.*

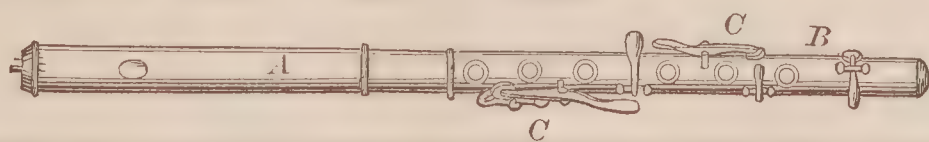


85213—P. Clark—*Fan.*

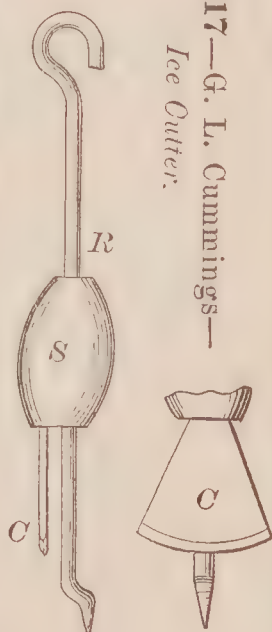


85215—H. Culver—*Typetting Machine.*

85222—W. Fischer—*Musical Instrument.*

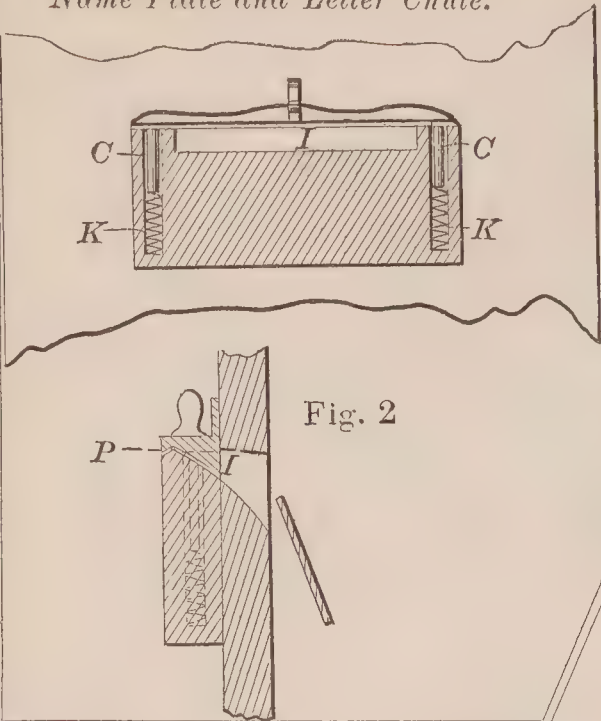


85217—G. L. Cummings—*Ice Cutter.*

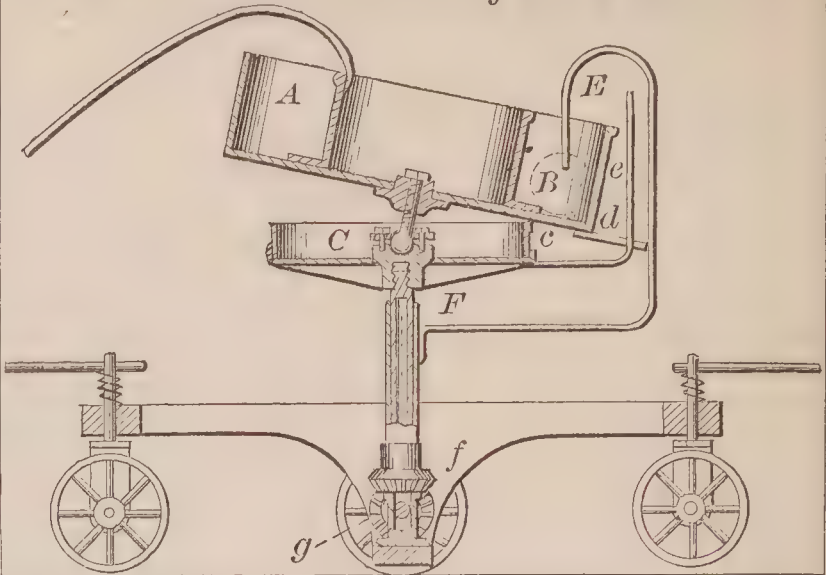




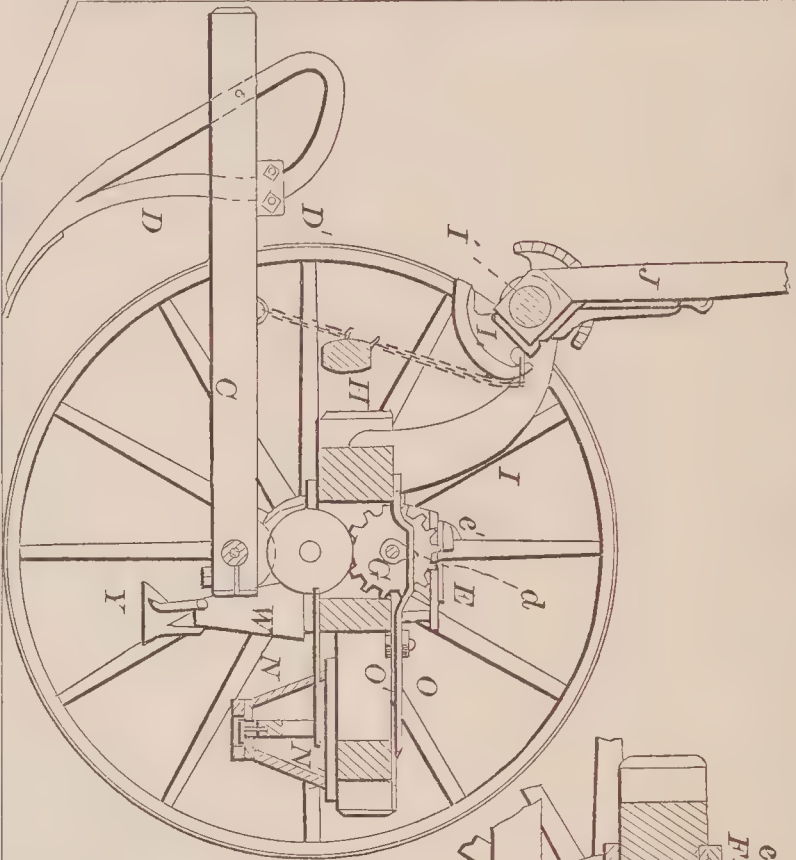
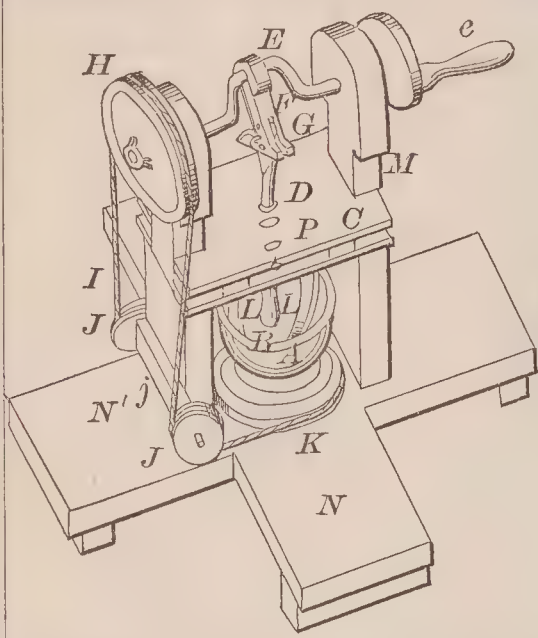
85218—Damon & Lyford—  
*Name Plate and Letter Chute.*



85220—A. Drasch—*Rotating Ball Motor.*

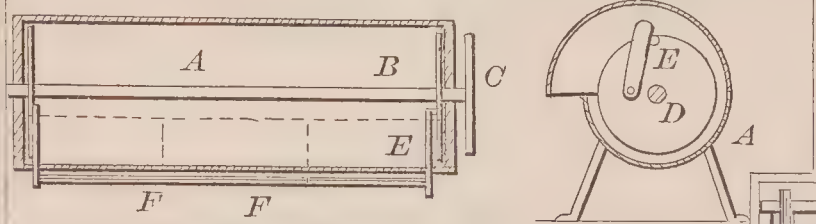


85223—J A. Fremon—*Mortar.*

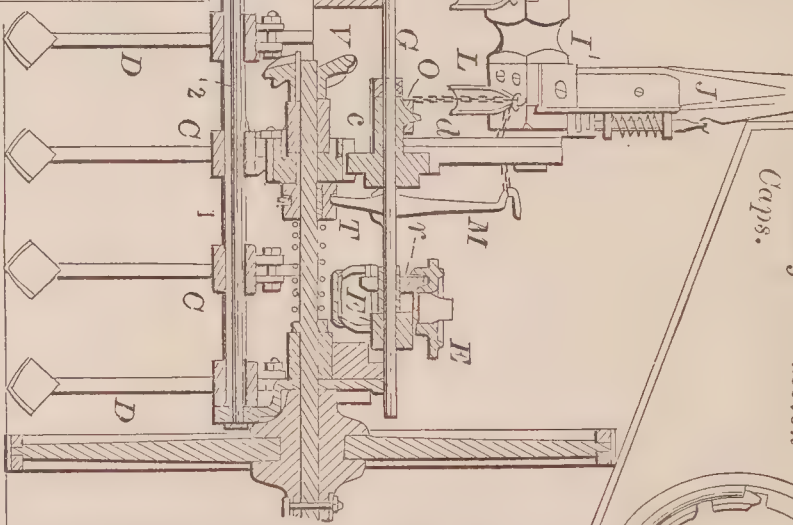
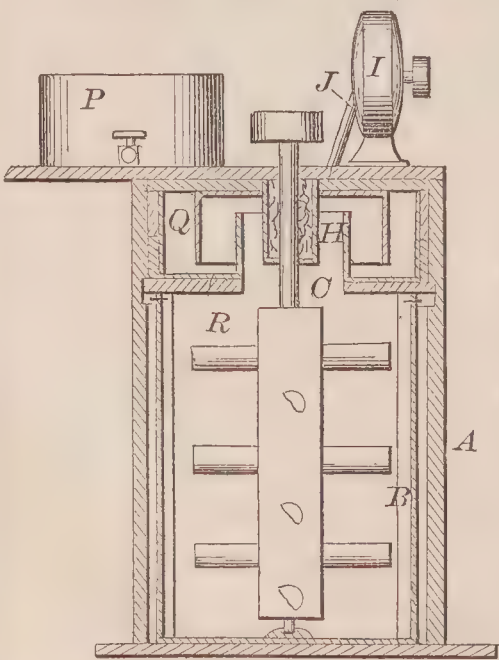


85221—G. Esterly—*Seeding Machine.*

85219—Dexter & Gledhill—*Wool Oiling Machine.*

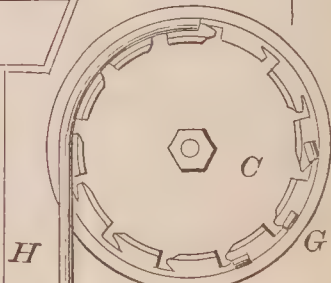
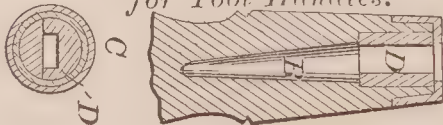


85225—A. J. Gibson—*For Purifying and Ageing Liquors.*



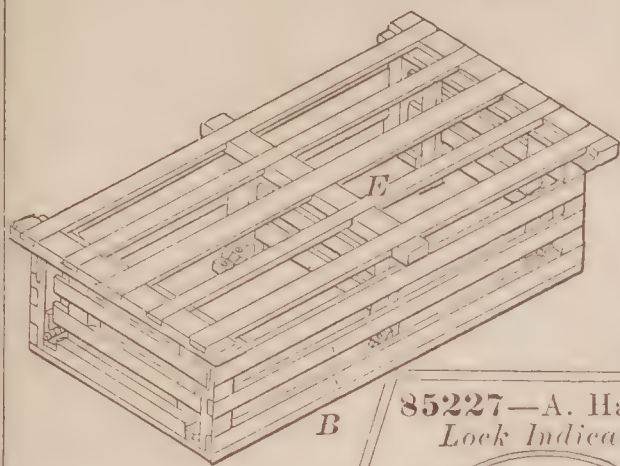
85224—A. J. French—  
*Feeding Percussion Caps.*

85230—A. C. Kasson—*Bushing for Tool Handles.*

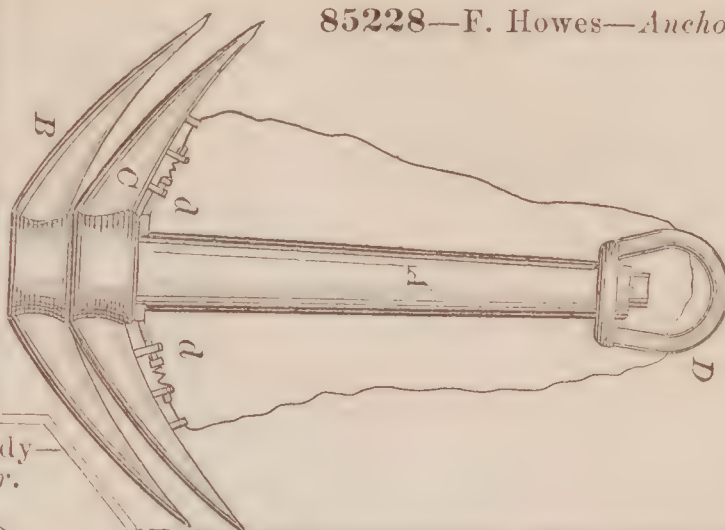




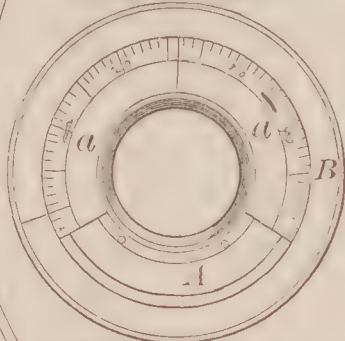
85226—J. Golder—*Poultry Coop.*



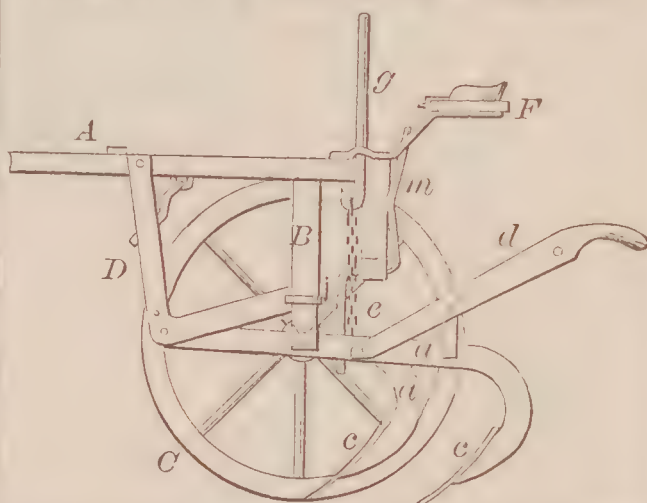
85228—F. Howes—*Anchor.*



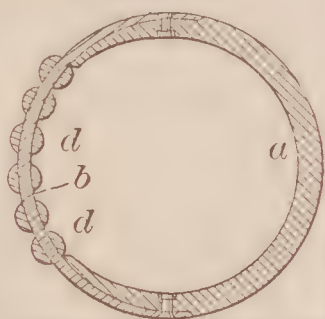
85227—A. Hardy—*Lock Indicator.*



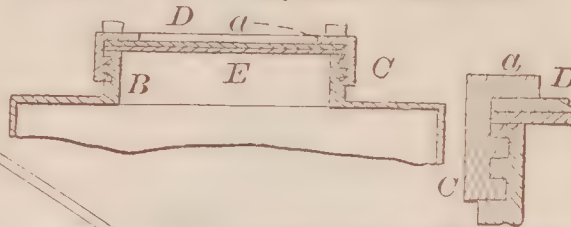
85233—L. D. McClintick—*Cultivator.*



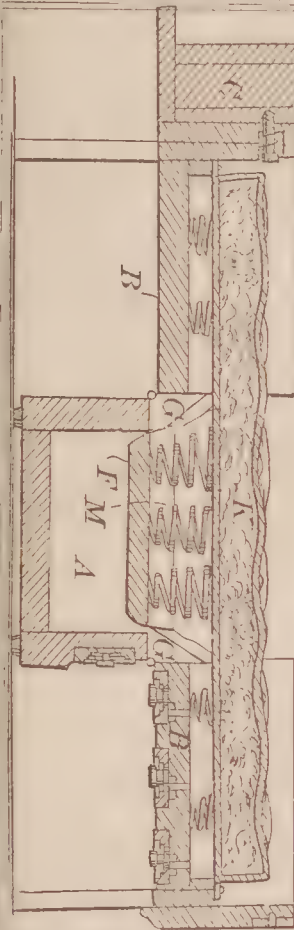
85234—W. McKay—*Mast Hoop.*



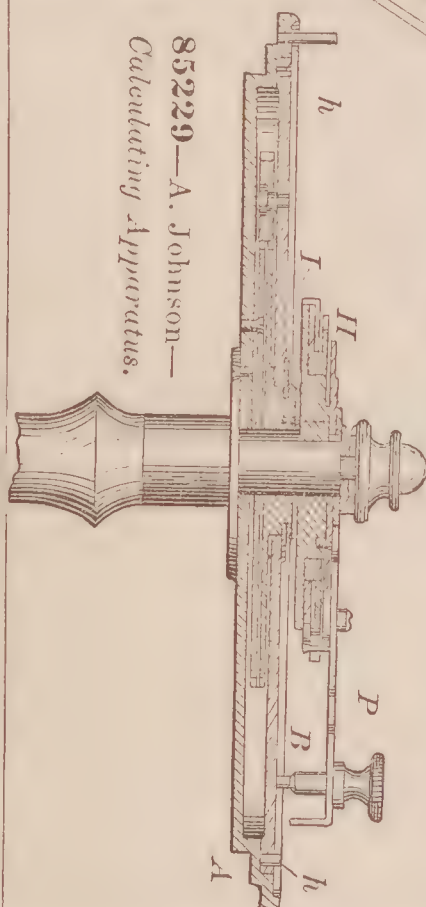
85236—G. H. Myers—*Fruit Jar.*



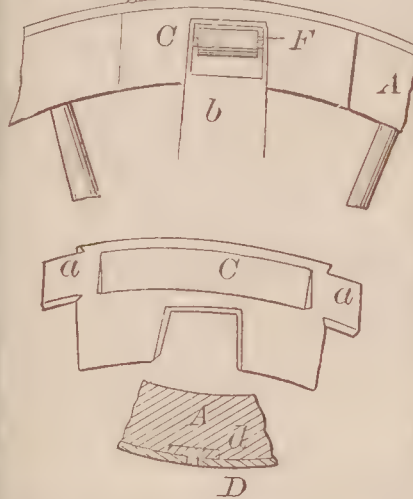
85232—D. B. Maynard—*Folding Bureau Bedstead.*



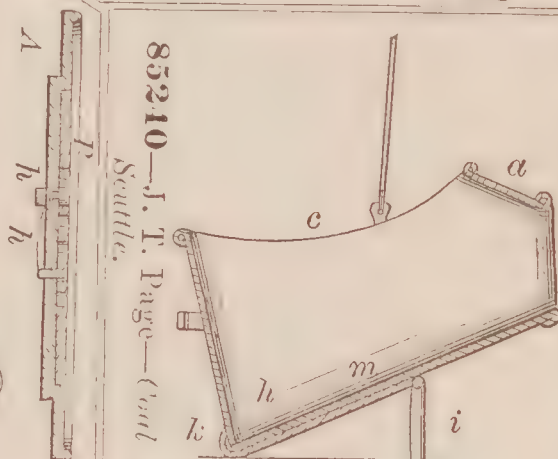
85229—A. Johnson—*Calculating Apparatus.*



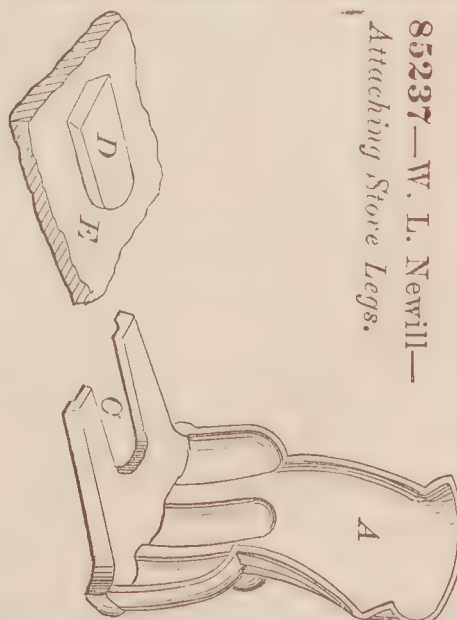
85235—A. O. Morgan—*Tire Tightener.*



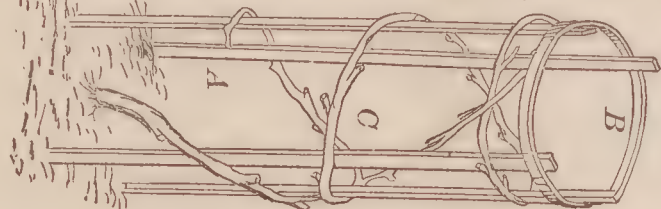
85210—J. T. Page—*Coal Shuttle.*



85237—W. L. Newill—*Attaching Store Legs.*

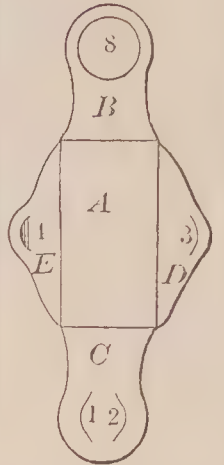


85244—R. Rowley—*Training Grape Vines.*

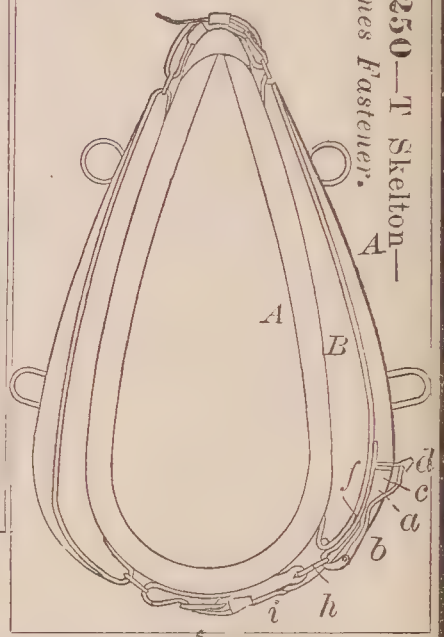




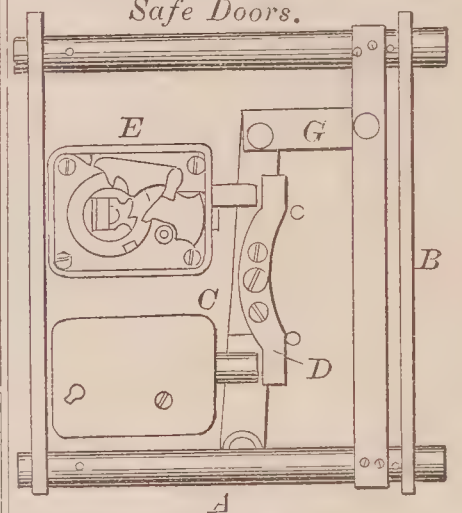
85253—G. W. Starr—Envelope.



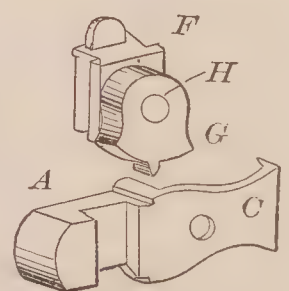
95250—T. Skelton—Homes Fastener.



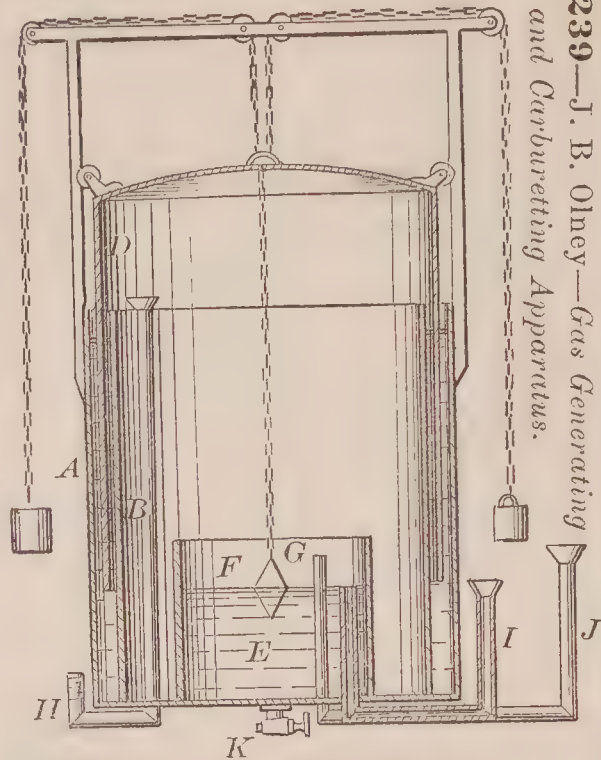
85246—J. Sargent—Bolt for Safe Doors.



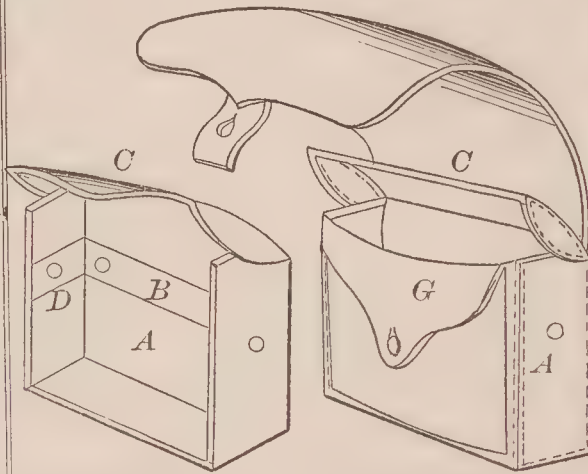
85243—J. O. Reilley—Door Fastener.



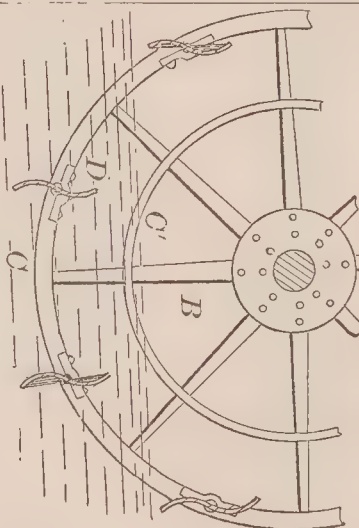
85239—J. B. Olney—Gas Generating and Carburetted Apparatus.



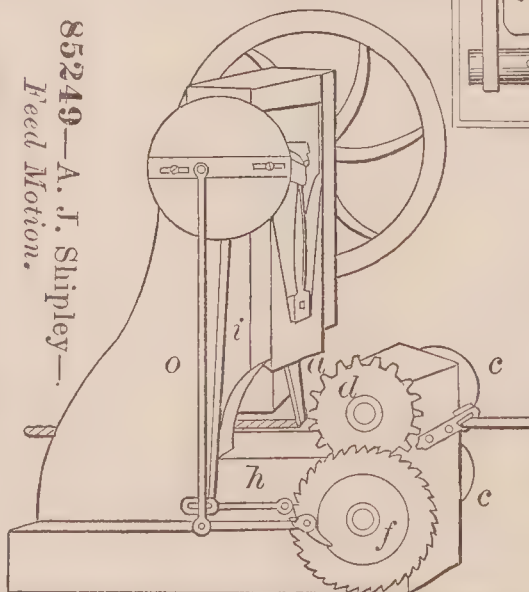
85241—H. E. Paine—Cartridge Box.



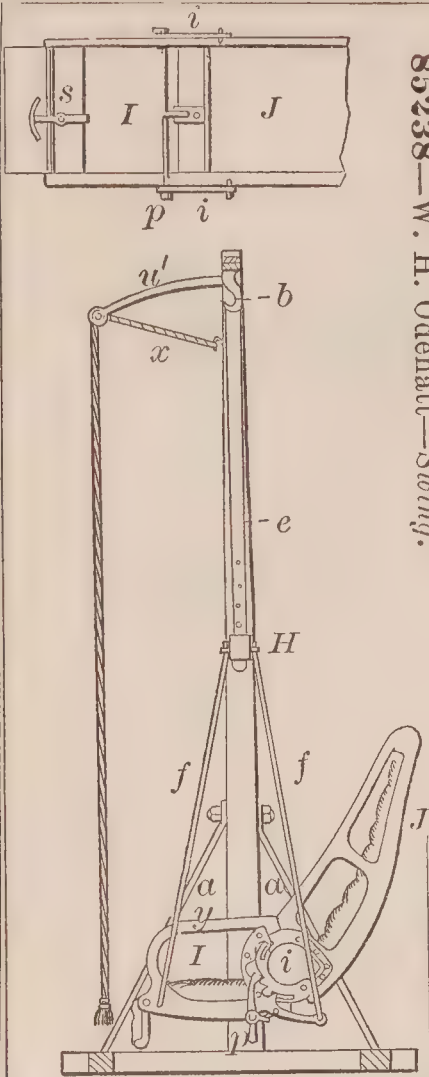
85248—C. Seymour—Propelling Wheel.



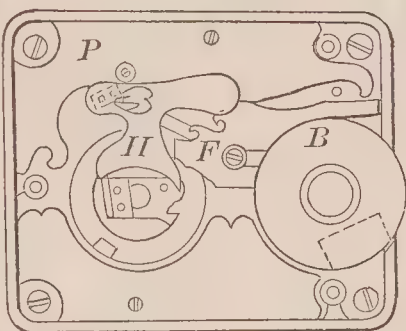
85249—A. J. Shipley—Feed Motion.



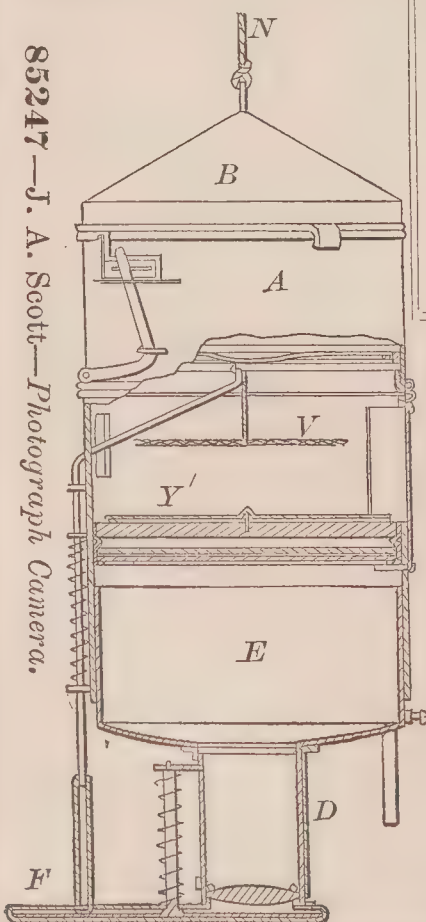
85238—W. H. Odenatt—Swing.



85245—J. Sargent—Lock.

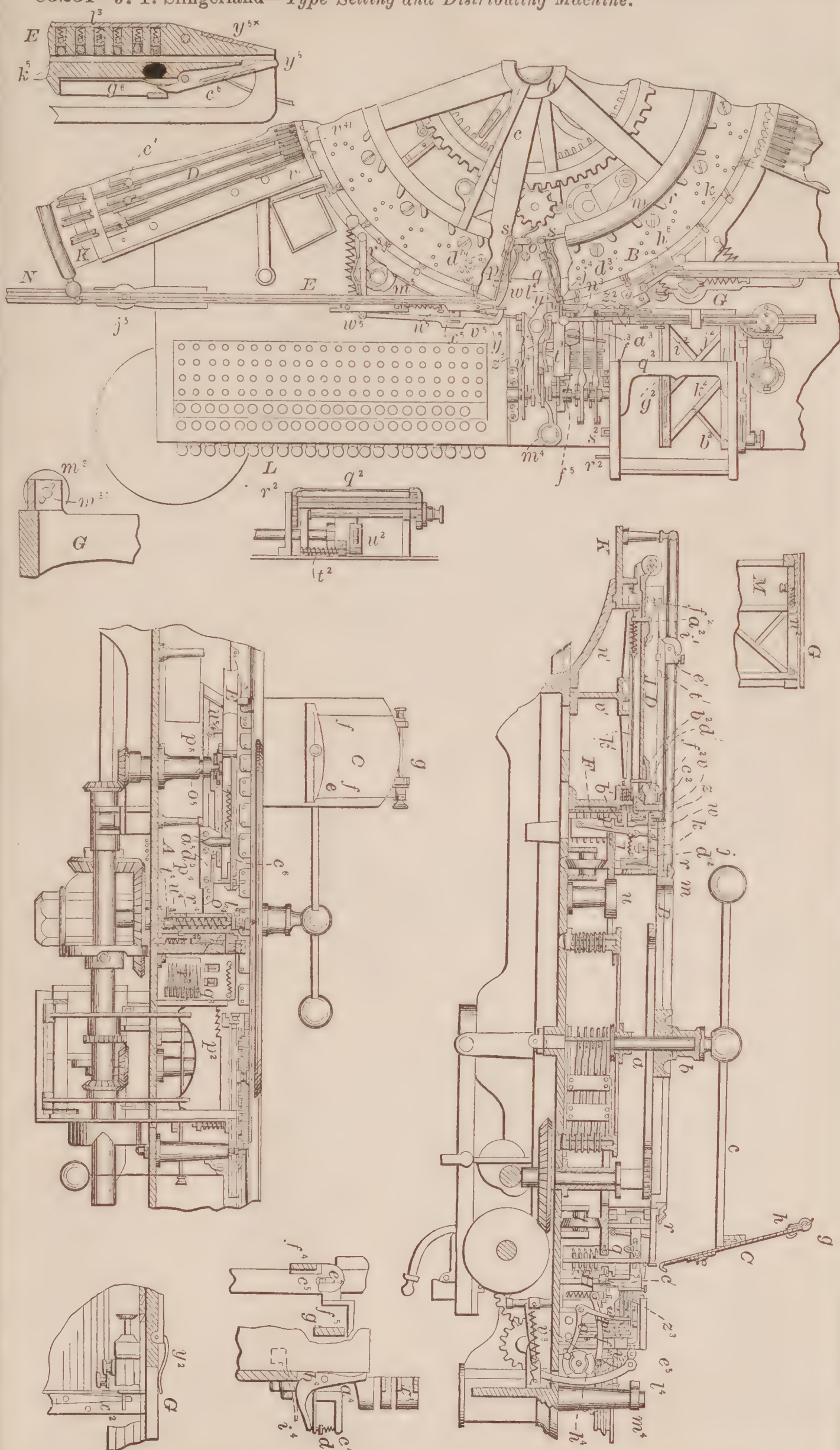


85247—J. A. Scott—Photograph Camera.

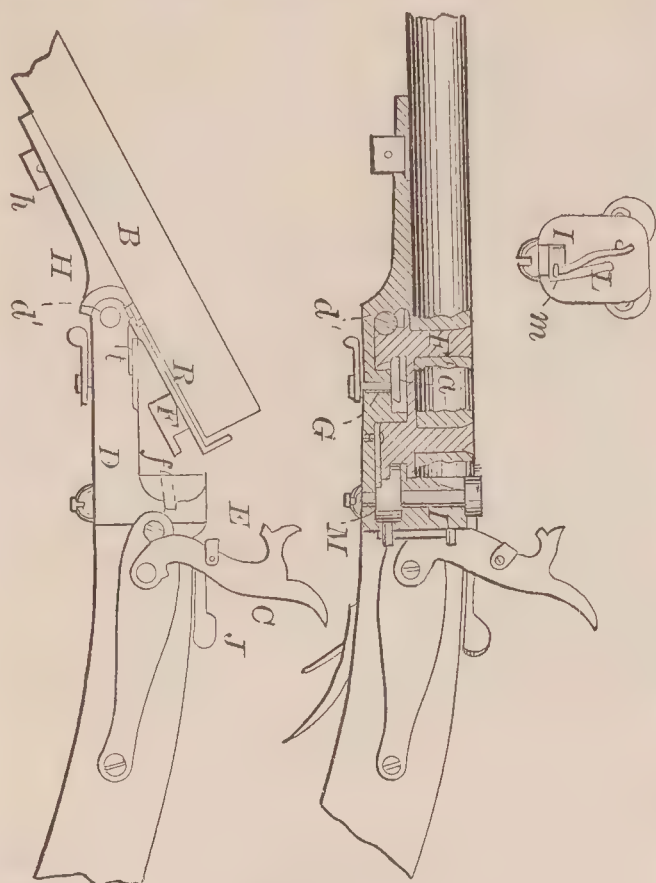
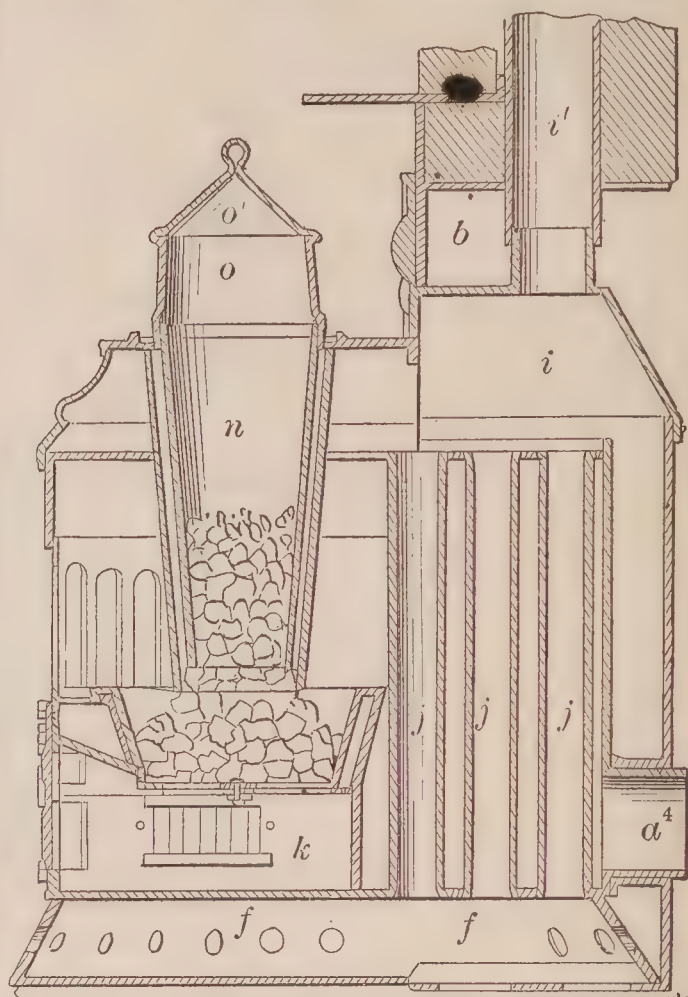
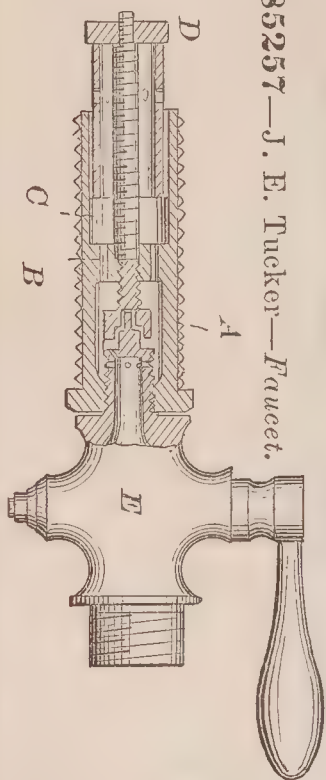
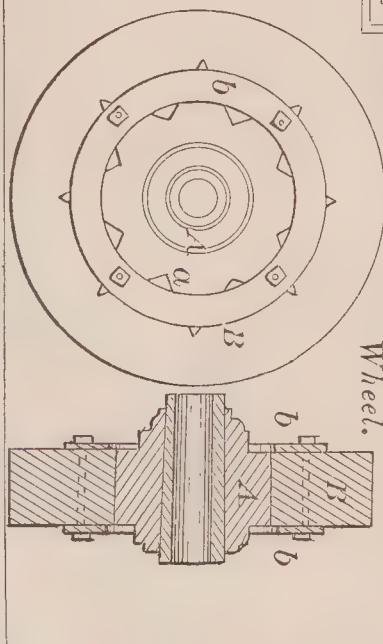
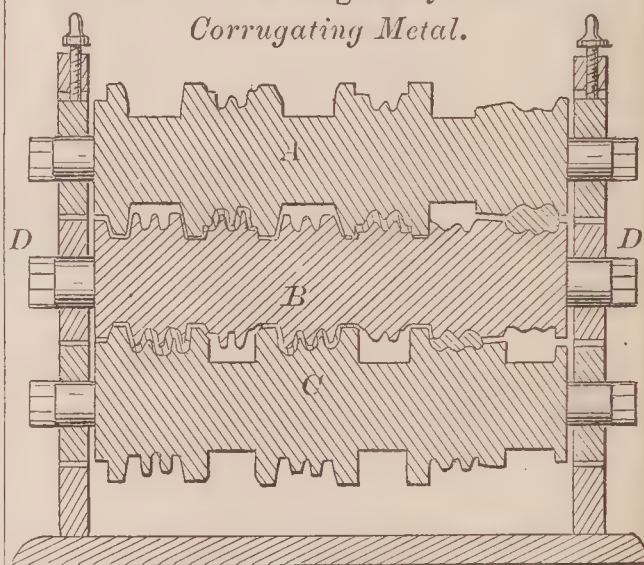
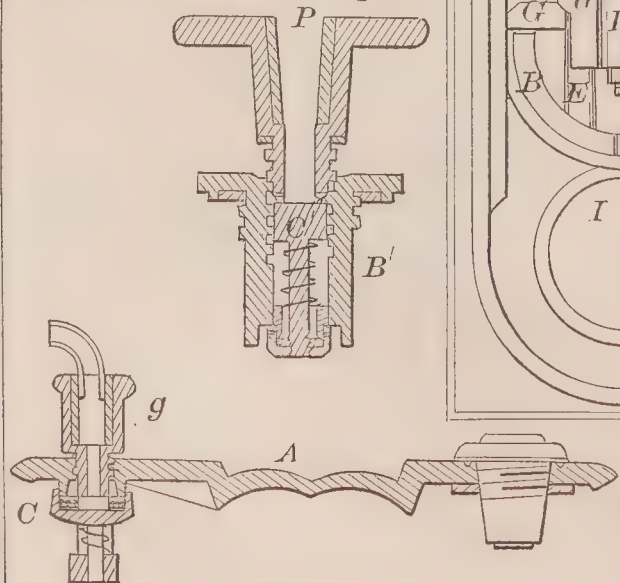
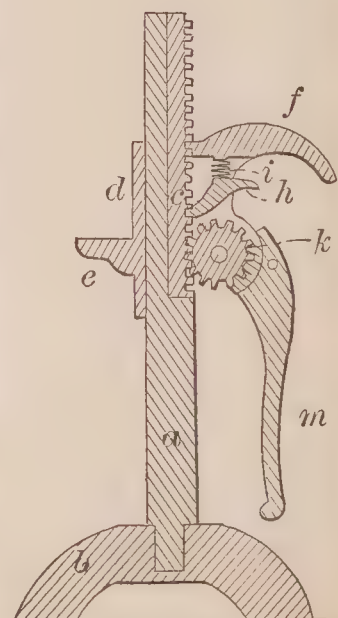
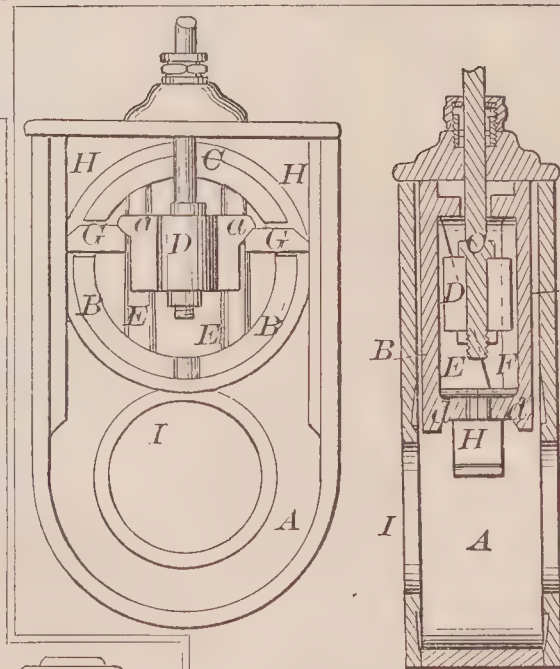




85251—J. T. Slingerland—Type Setting and Distributing Machine.

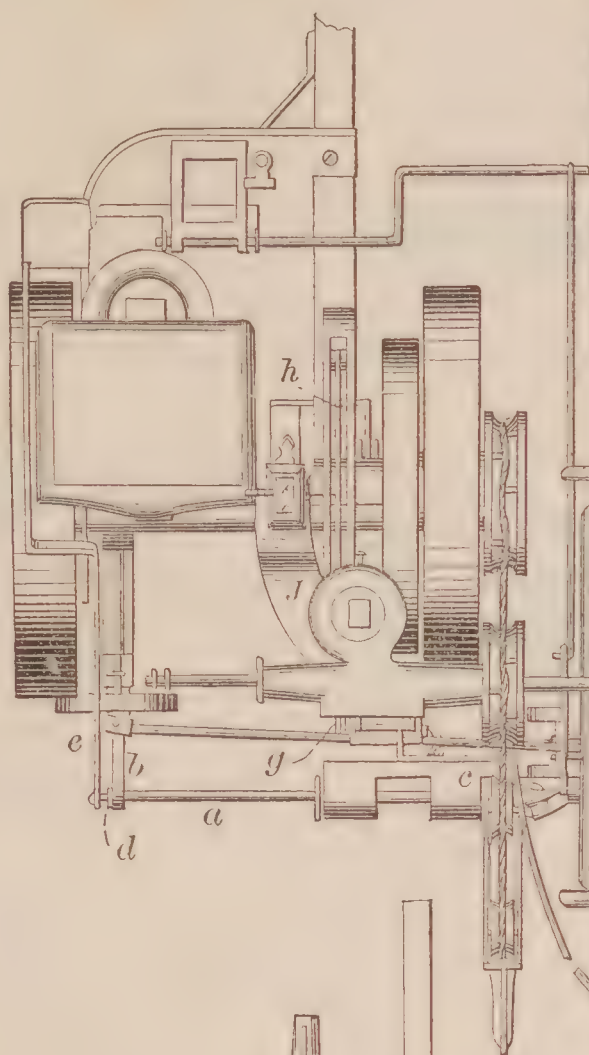




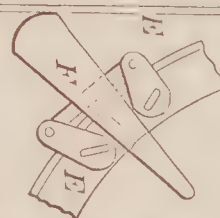
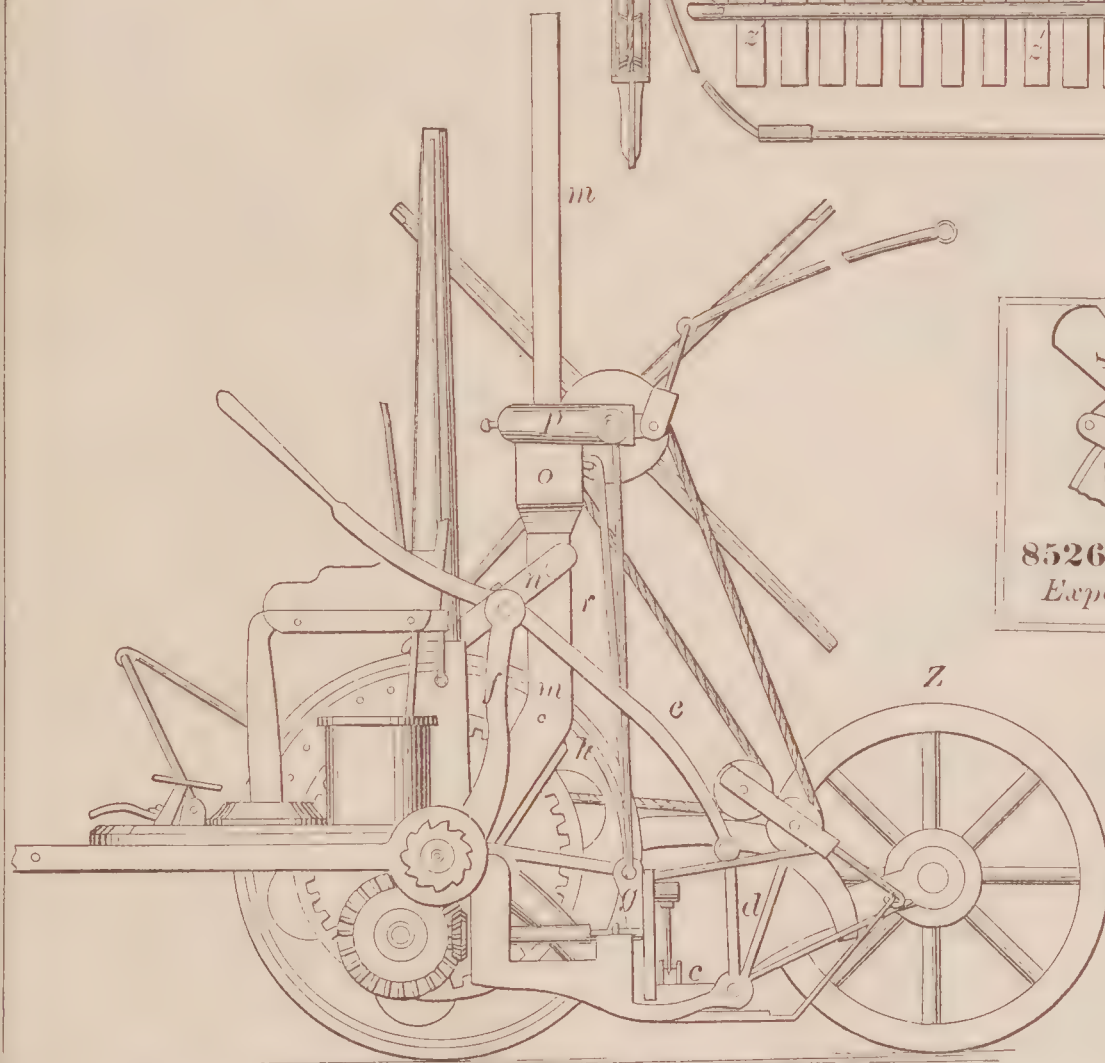
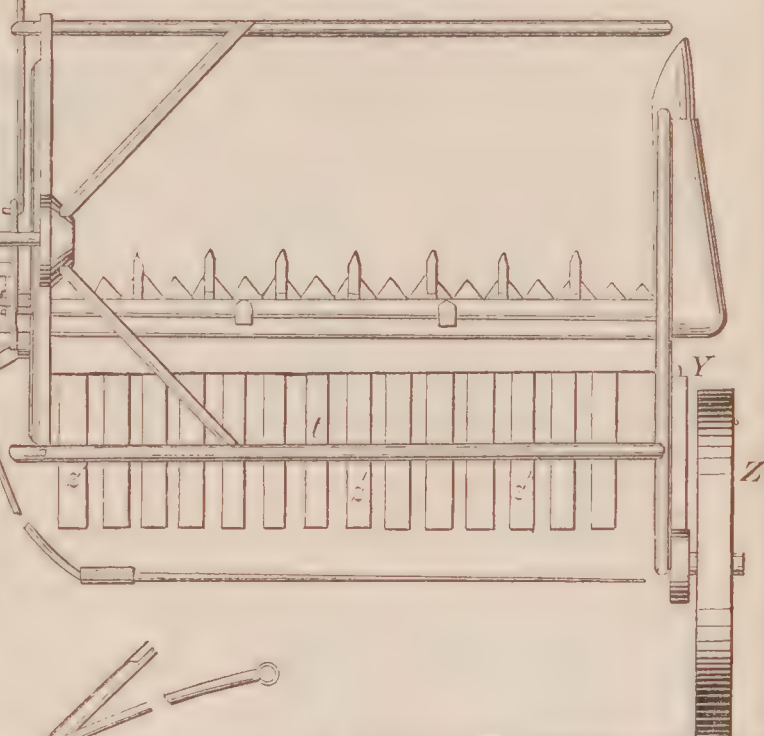
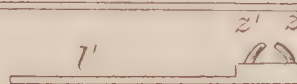
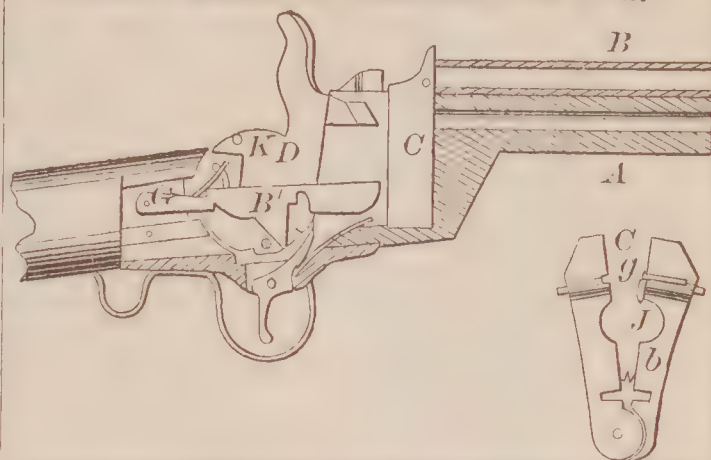
85252—C. E. Snider—*Fire Arm.*85255—J. M. Thatcher—*Fireplace Heater.*85257—J. E. Tucker—*Faucet.*85259—S. W. H. Ward—*Carriage Wheel.*85262—R. Montgomery—*For Corrugating Metal.*85260—Weaver & Allen—*Barrel Head and Tap.*85264—  
W. F. Arnold—*Lifting Jack.*85263—H. G. Ludlow—*Stop Valve for Steam  
Enginery.*



85254—G. W. Stewart—*Harvester.*

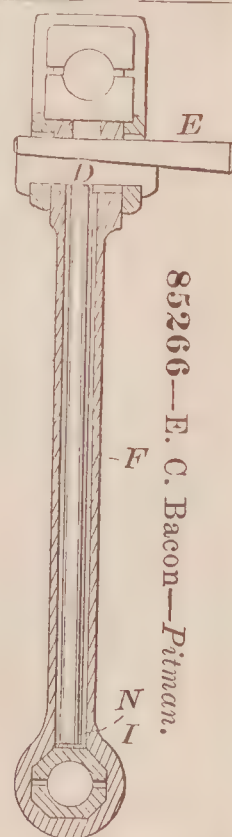
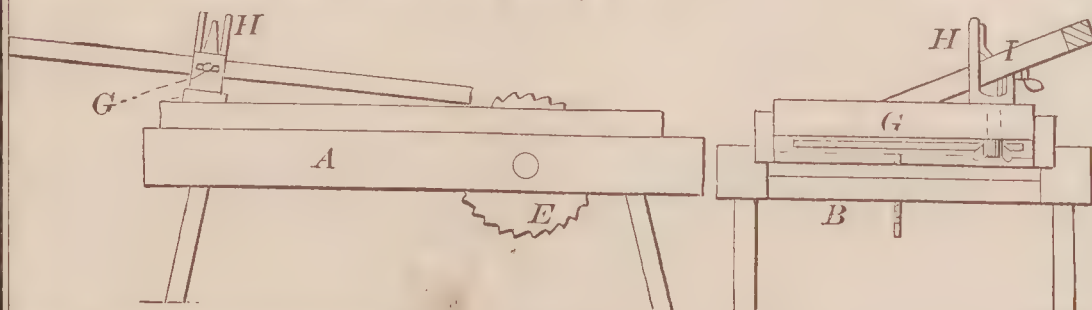


85268—Belden & Crabtree—*Fire Arm.*



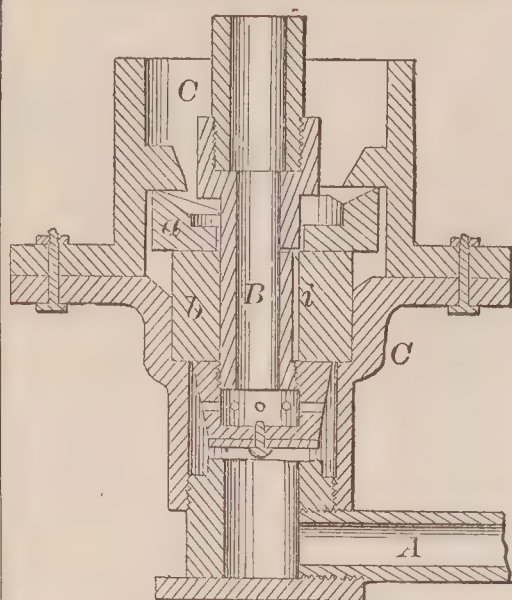
85269—Belden & Ford—*Expansion Wagon Wheel.*

85265—J. Ayres—*For Sharpening Rails.*

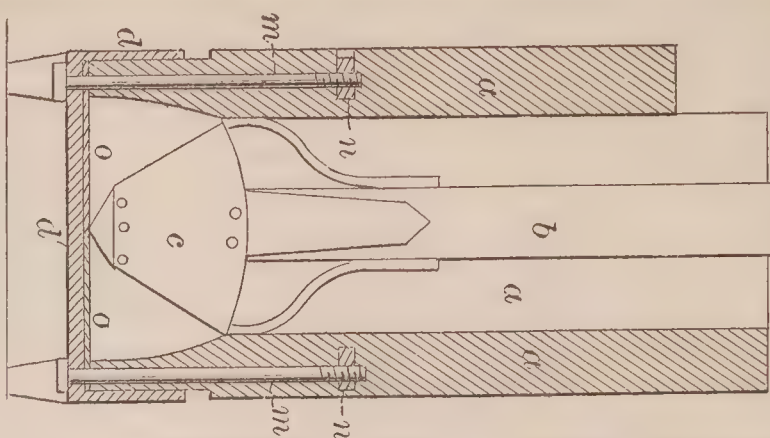


85266—E. C. Bacon—*Pitman.*



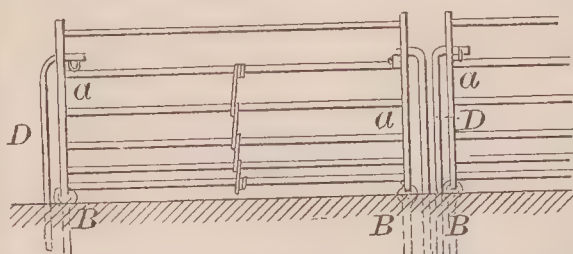


85267—H. J. Bailey—Hydraulic.

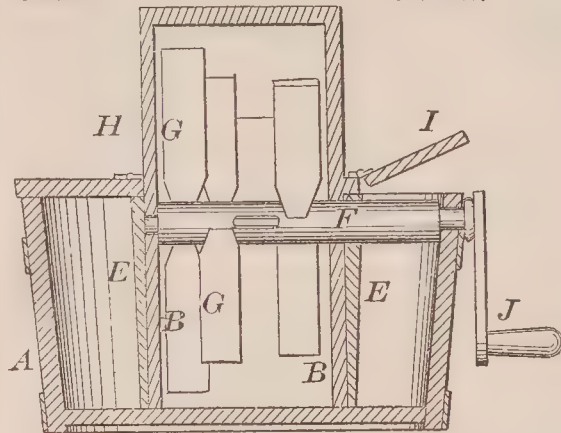


85270—S. Benson—Pump.

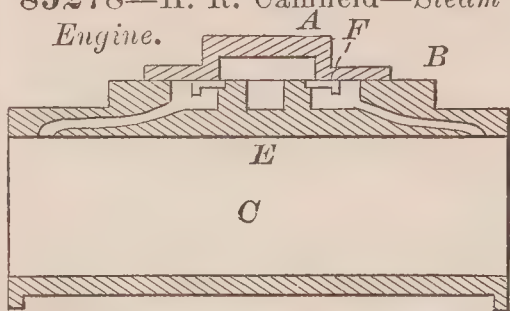
85271—D. P. Bird—Flood Fence.



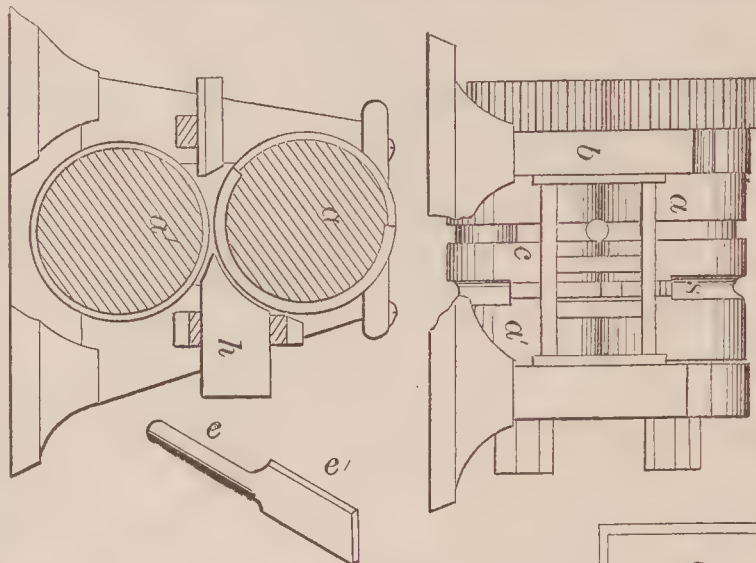
85272—C. W. Brewer—Churn.



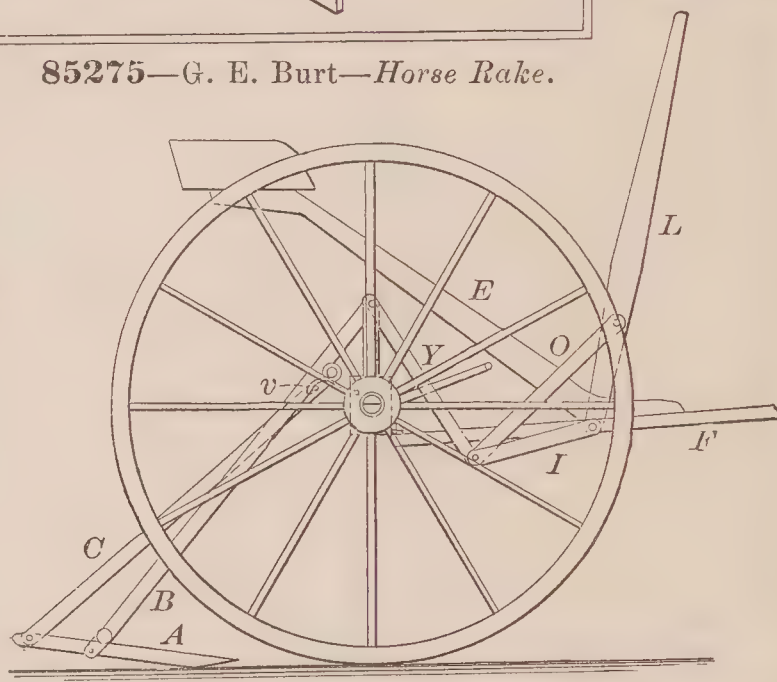
85278—H. R. Camfield—Steam Engine.



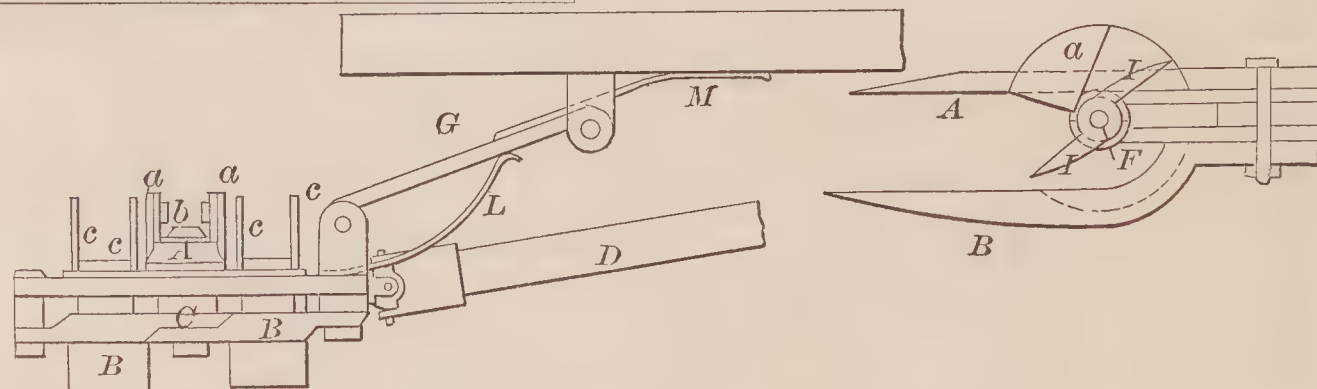
85273—Bunton &amp; Davis—Rolling Bars of Metal.



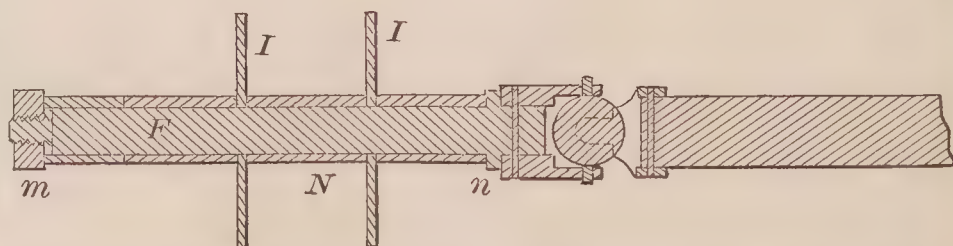
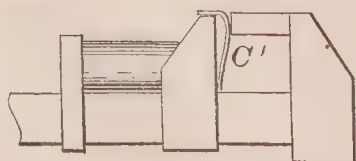
85275—G. E. Burt—Horse Rake.



85274—G. E. Burt—Harvester.

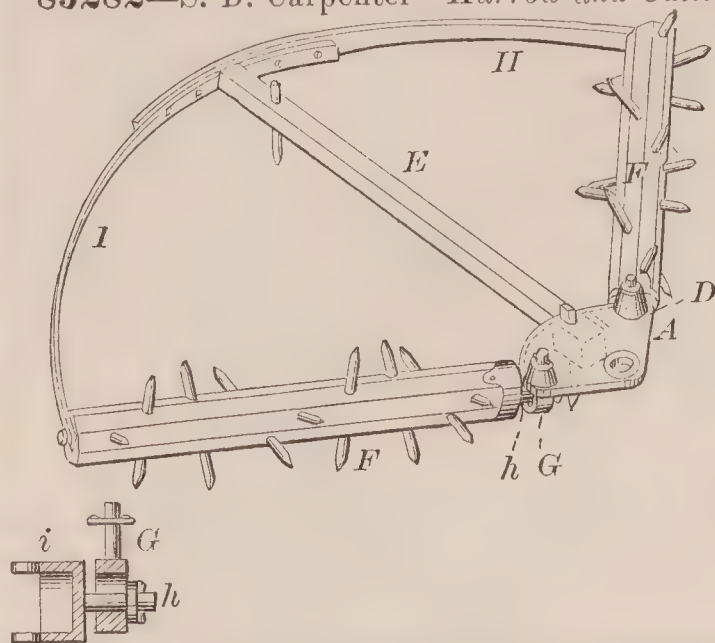
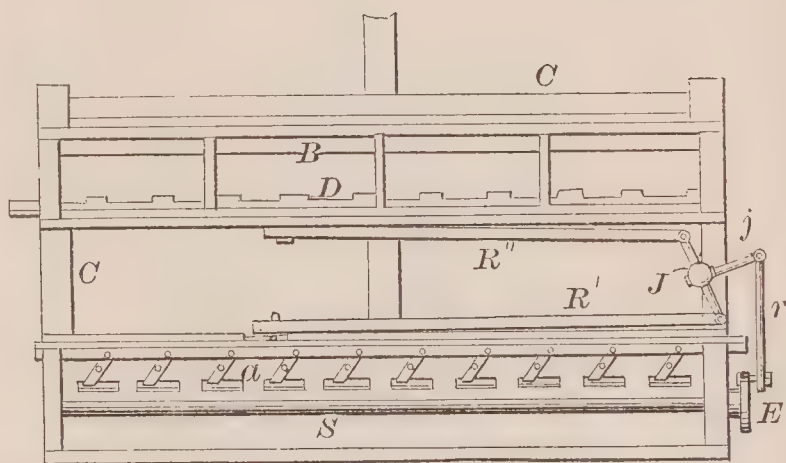
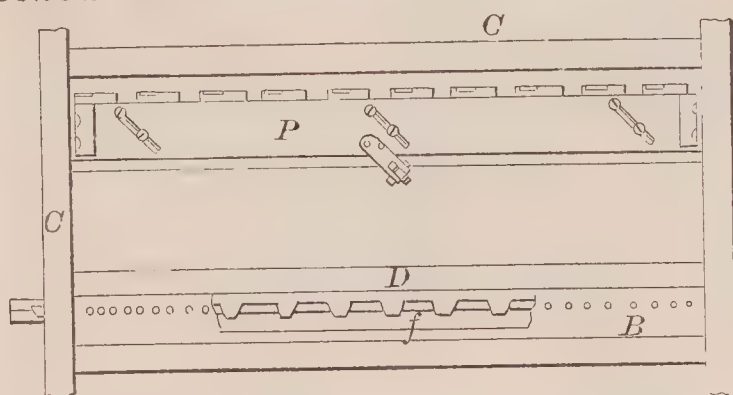
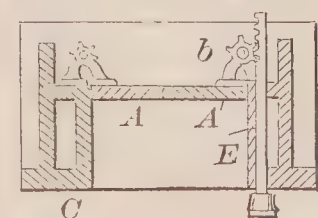
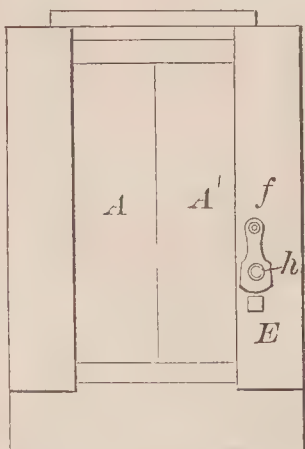
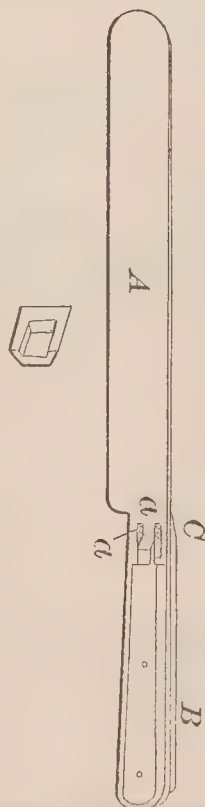
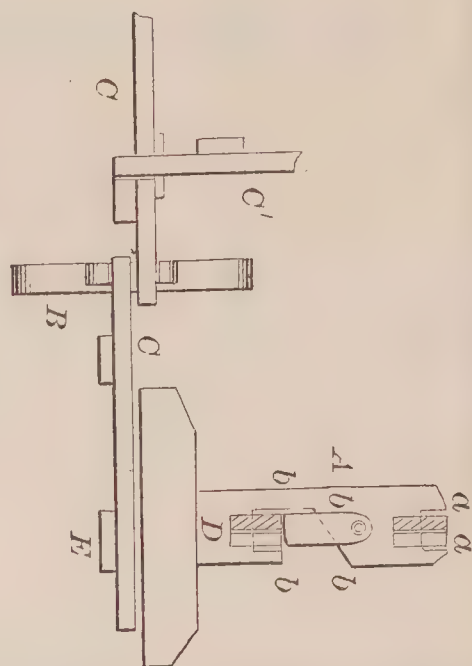
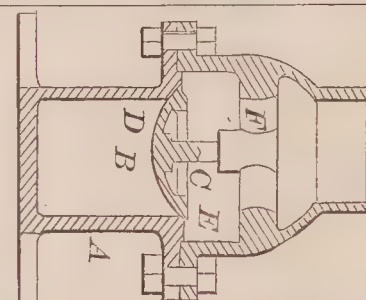
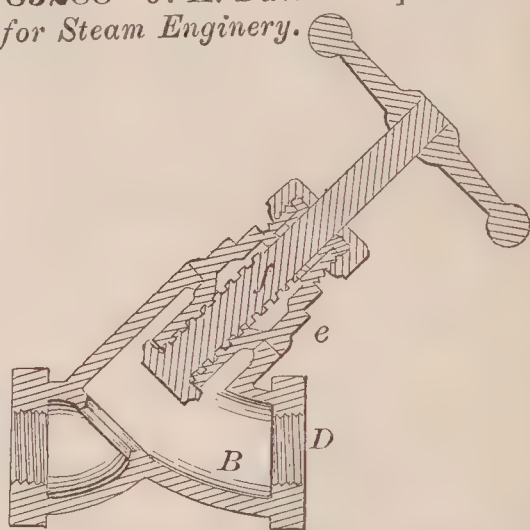
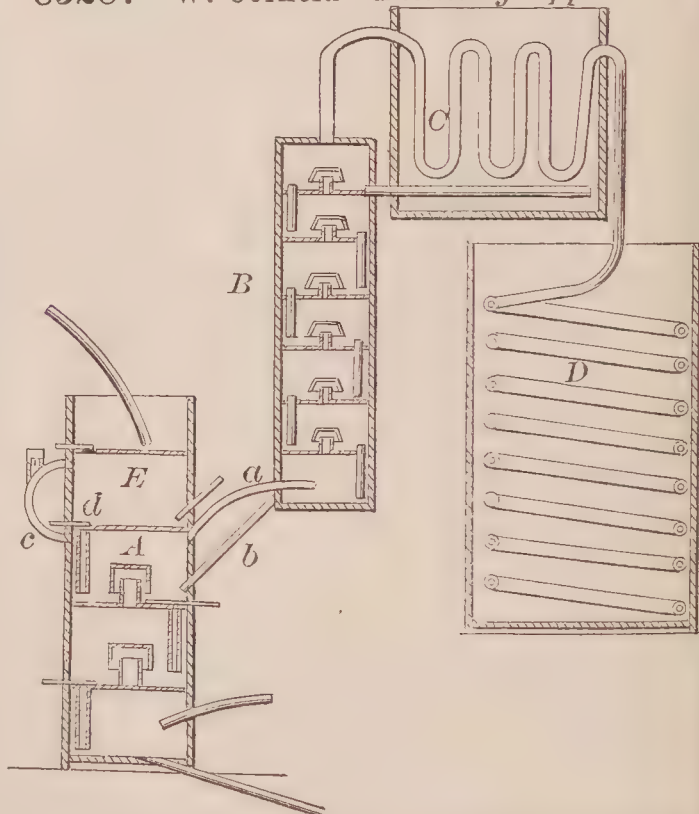


85276—J. Burt—Wrench.

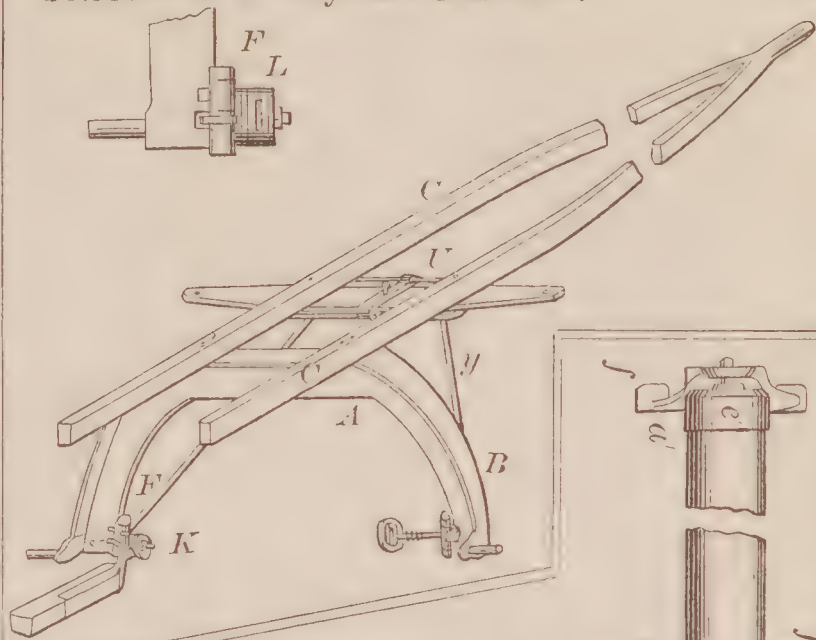




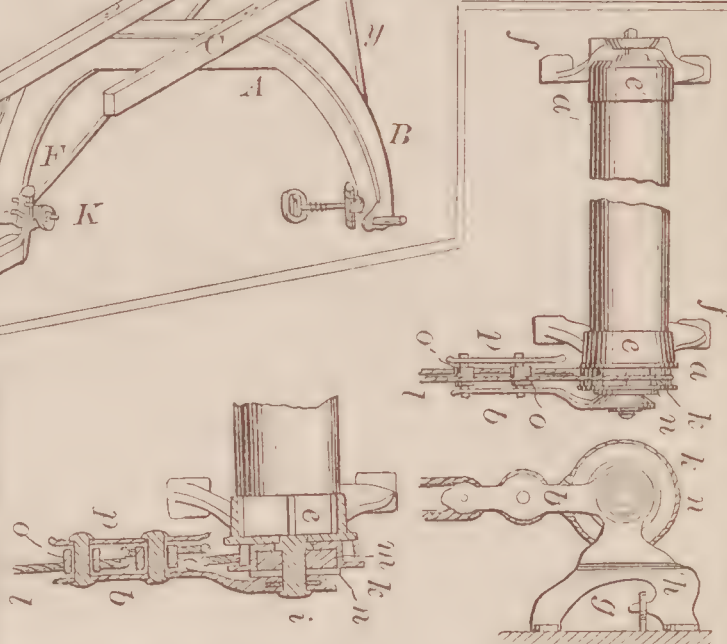


85282—S. D. Carpenter—*Harrow and Cultivator.*85284—E. H. Cook—*Seed Sower.*85290—Le G. Dodge—*Shutter Fastener.*85296—R. H. Fisher—*Knife.*85285—Coolidge & Rollins—*Fence.*85288—J. H. Davis—*Stop Valve for Steam Engine.*85289—T. S. Davis—*Exhaust Valve.*85287—W. Corfield—*Distilling Apparatus.*

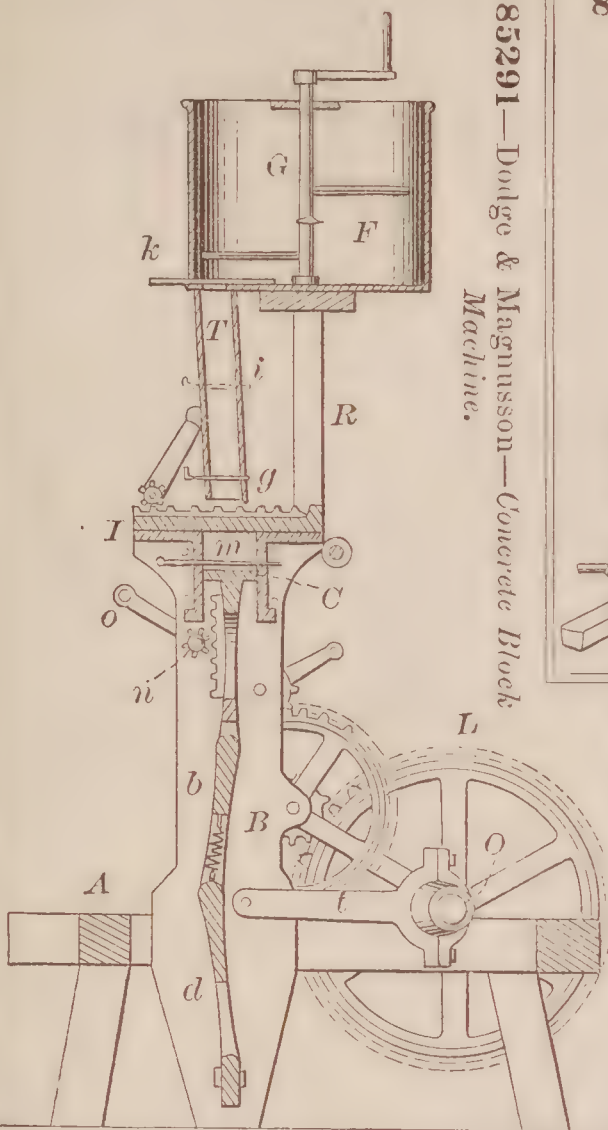
85292—W. A. Dryden—Cultivator.



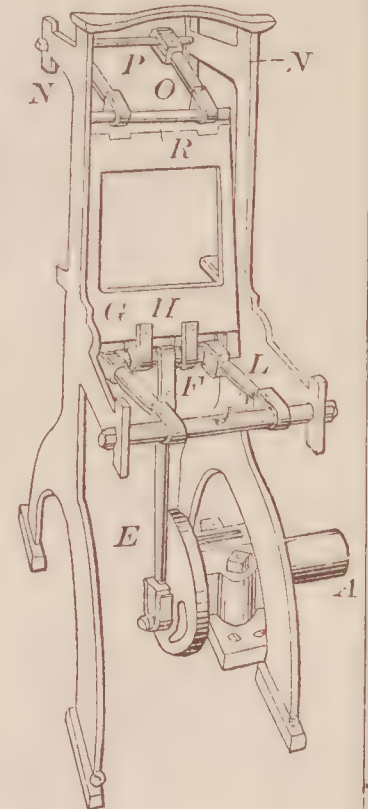
85295—H. Finley—Curtain Fastener.



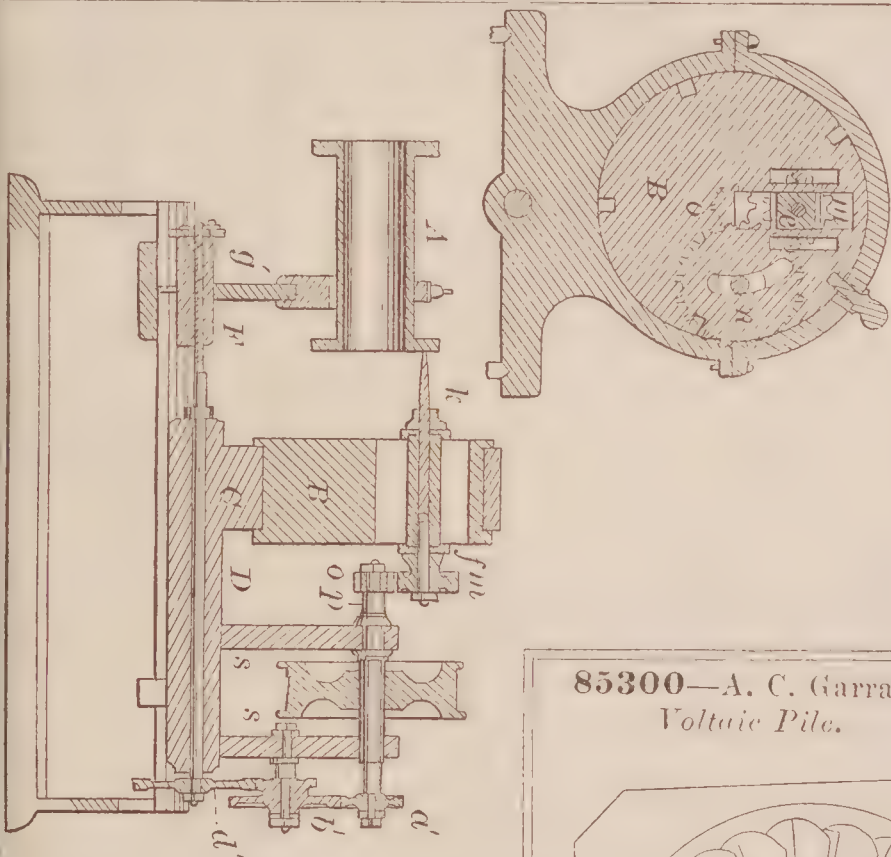
85291—Dodge & Magnusson—Concrete Block Machine.



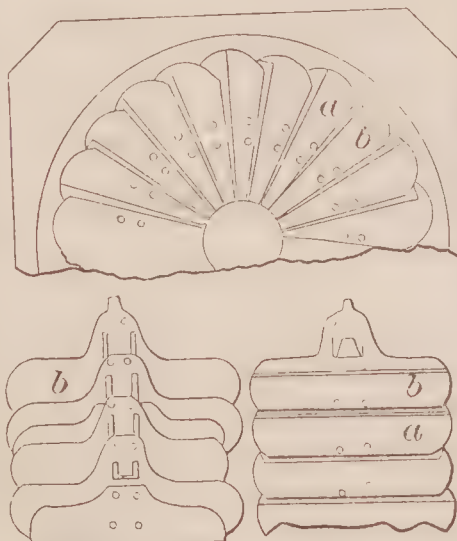
85294—A. Fellker—Hanging Saws.



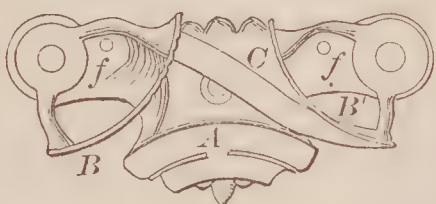
85293—H. S. Fairbanks—For Drilling Flanges of Pipes and Cylinders.



85300—A. C. Garratt—Voltaic Pile.



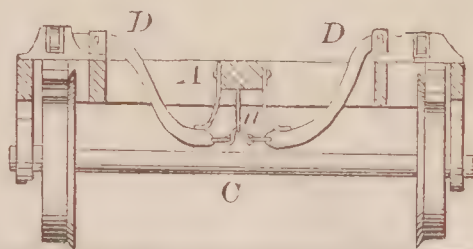
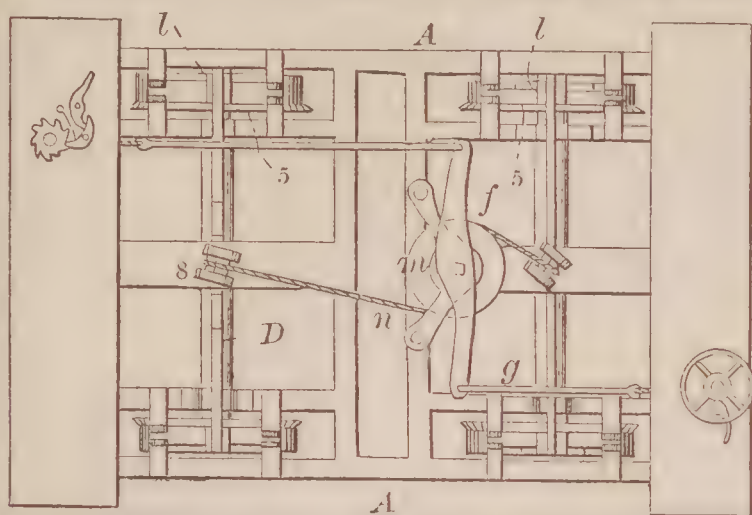
85298—D. P. Foster—Suspending Clamp.







85302—J. T. Guthrie—*Railway Car Brake.*



85303—J. G. Hadfield—*Treating Diseases by Vacuum.*

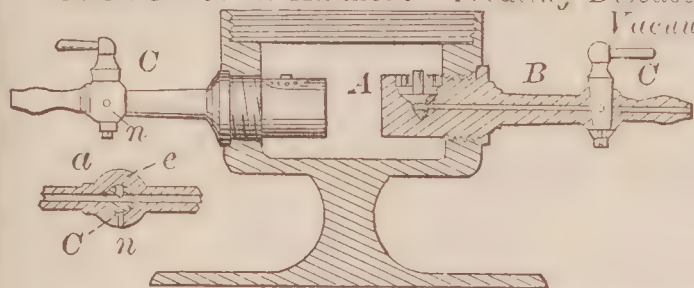
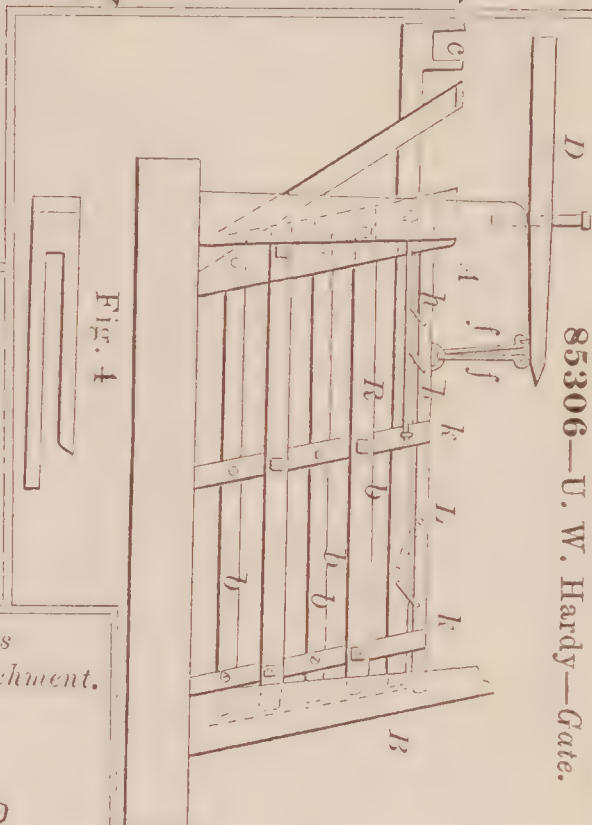
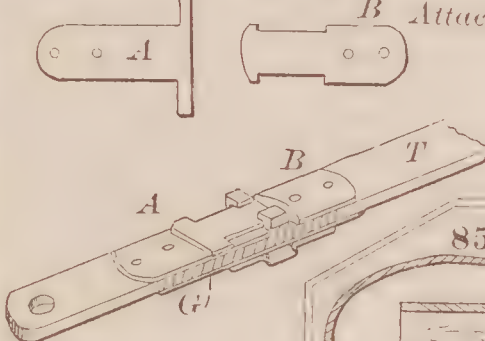


Fig. 4

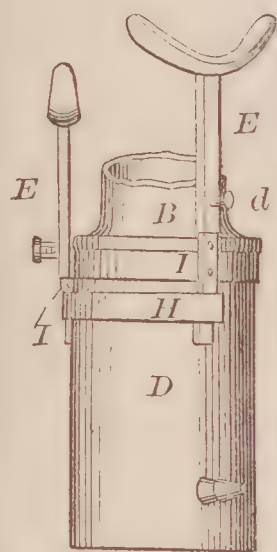
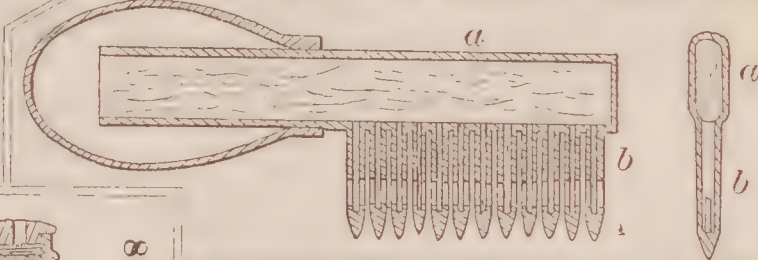
85306—U. W. Hardy—*Gate.*



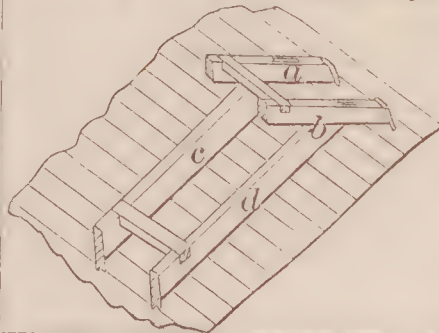
85307—F. P. Hart—*Harness Attachment.*



85311—Kerr & Robbins—*Fountain Comb.*



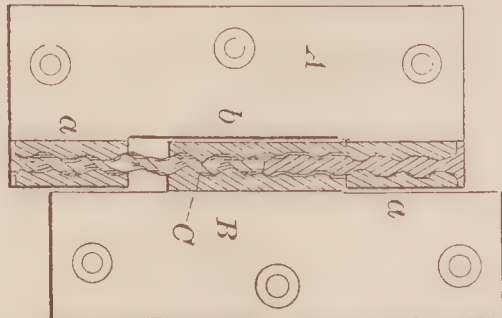
85314—J. E. Long—*Staging.*



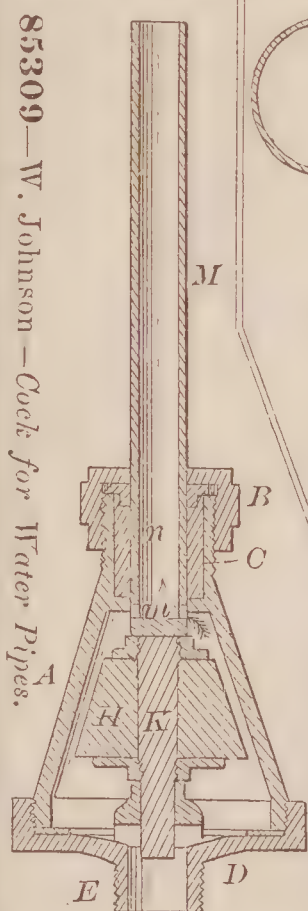
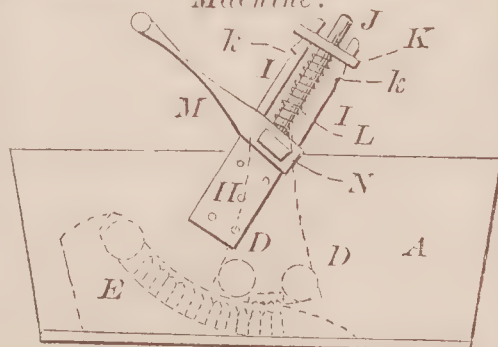
85312—L. W. Kimball—*Paper Moulding, Cornice, &c.*



85310—J. W. Jordan—*Butt Hinge.*

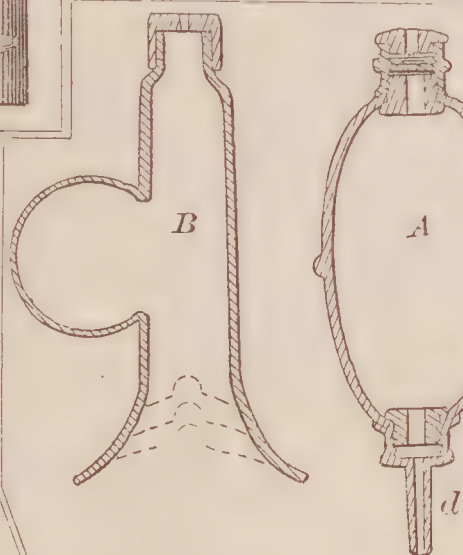


85315—J. Leib—*Washing Machine.*



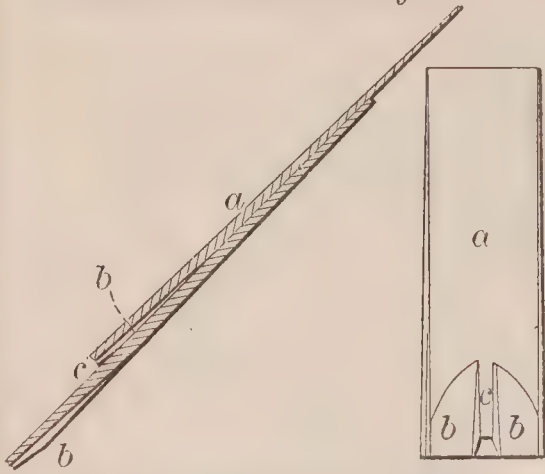
85309—W. Johnson—*Cock for Water Pipes.*

85318—M. Mattson—*Breast Pump.*

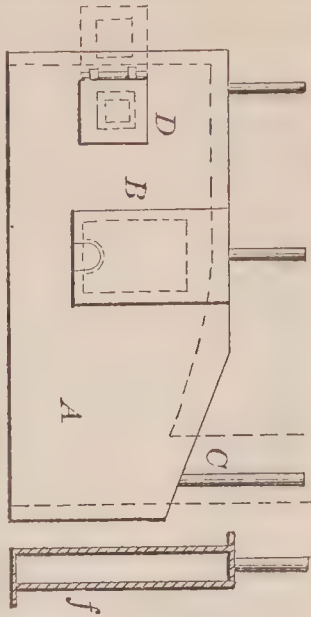




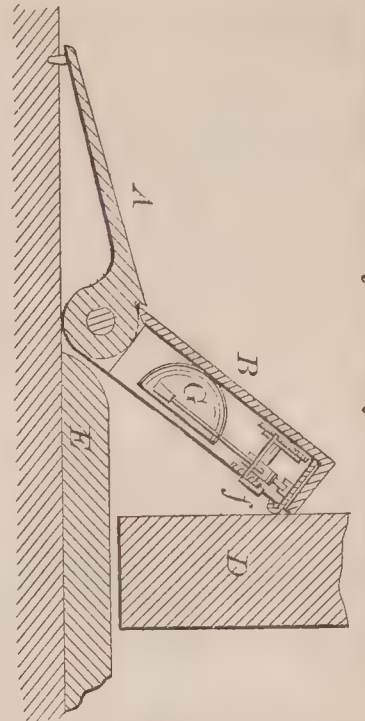
85316—J. Lewis—*Shingle.*



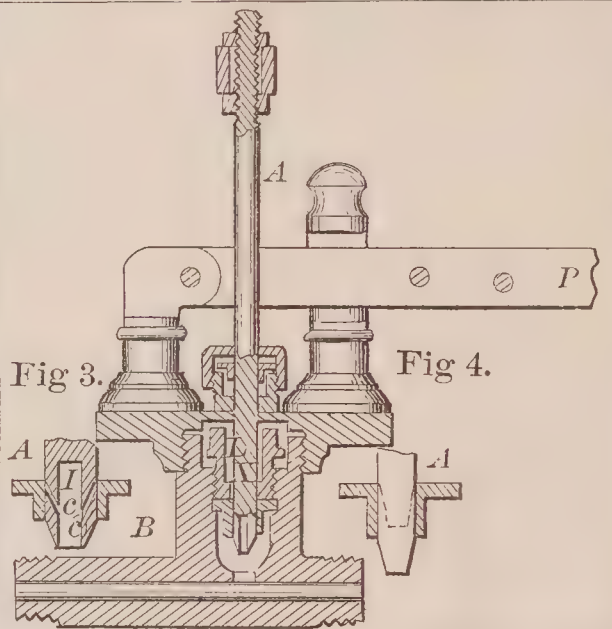
85320—H. McDonald—*Puddling Furnace.*



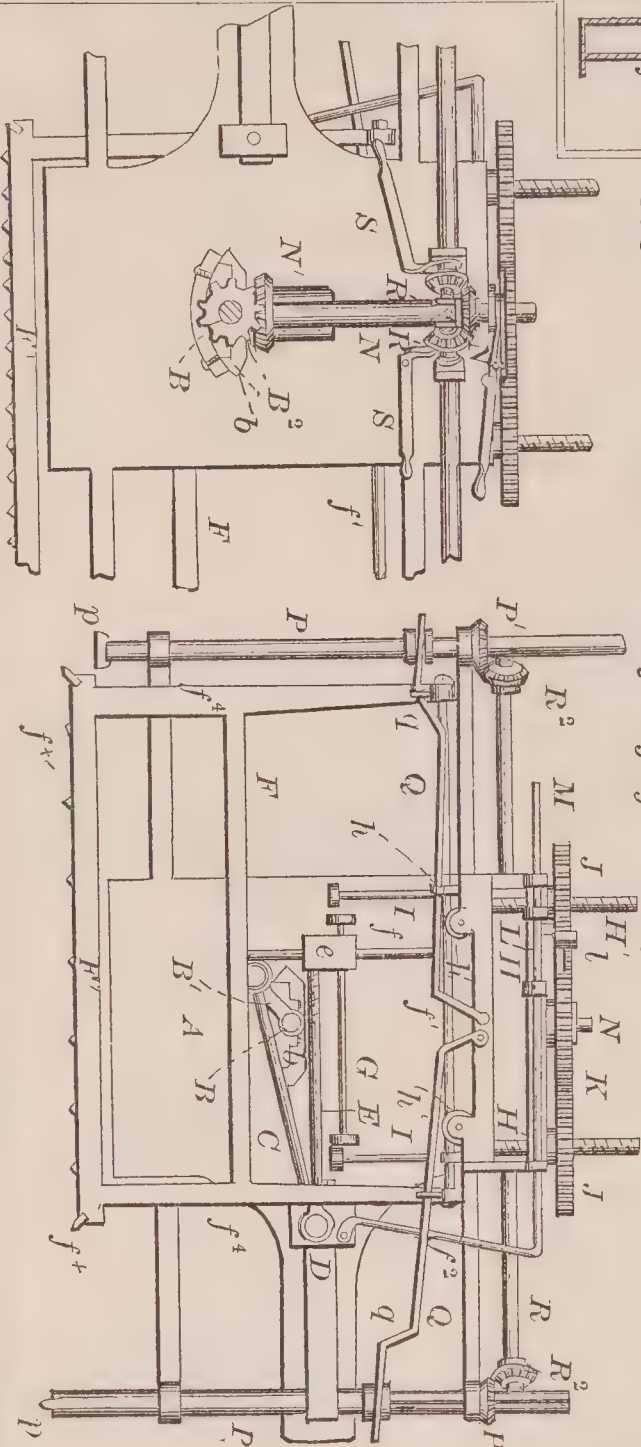
85321—McElroy & Holly—*Door Fastener.*



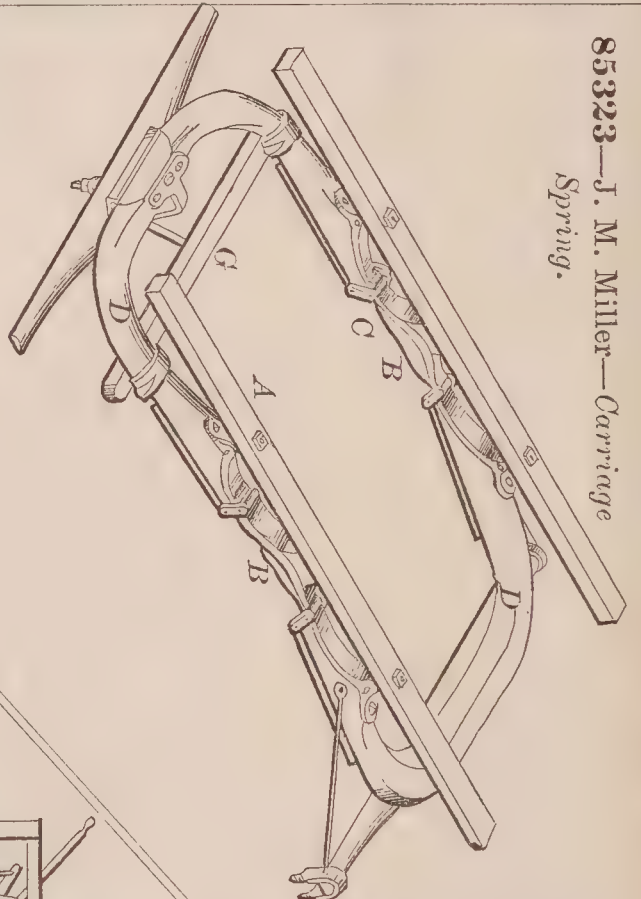
85322—T. J. McGowan—*Hydraulic Pressure Regulator.*



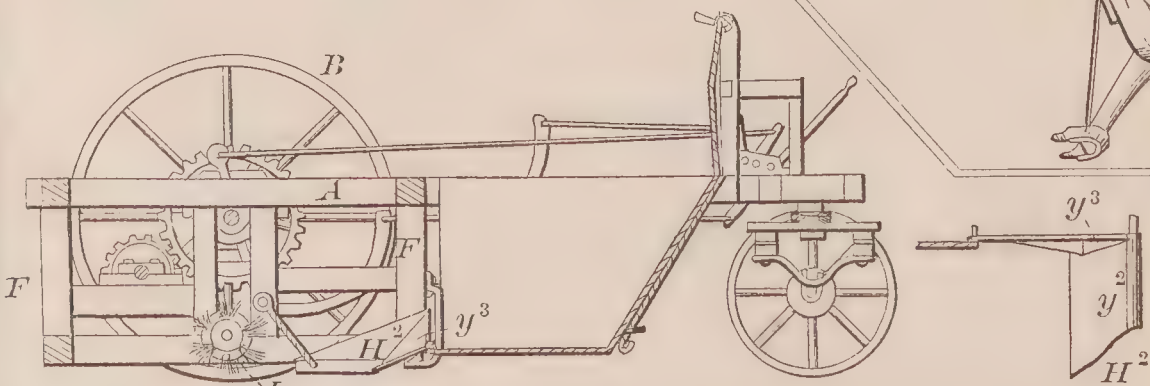
85317—Luce & Green—*Stone Quarrying Machine.*



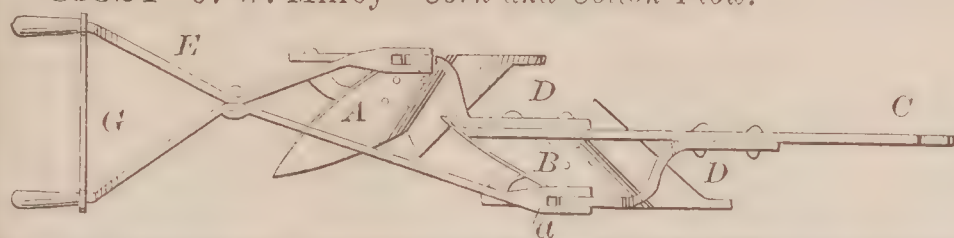
85323—J. M. Miller—*Carriage Spring.*



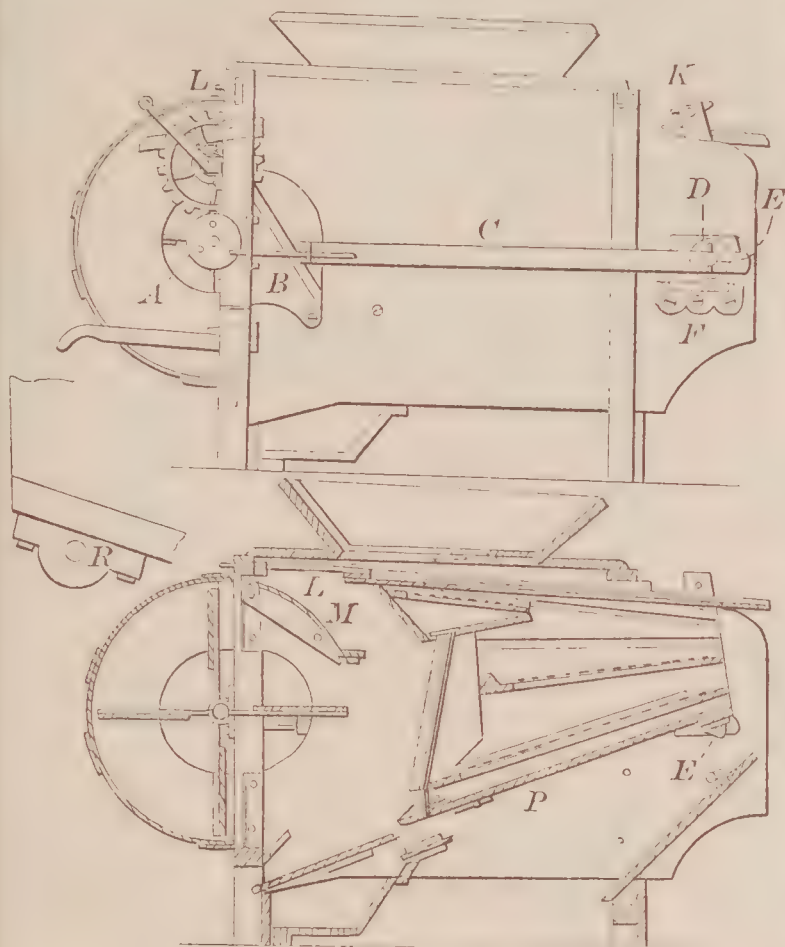
85319—McConnell & Pringle—*Street Sweeper.*



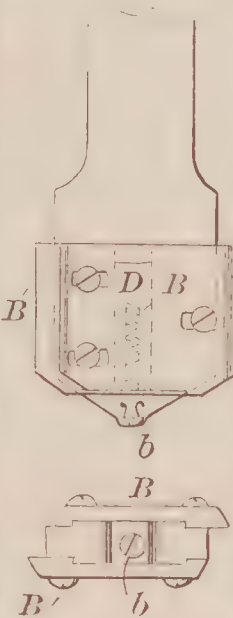
85324—J. W. Milroy—*Corn and Cotton Plow.*



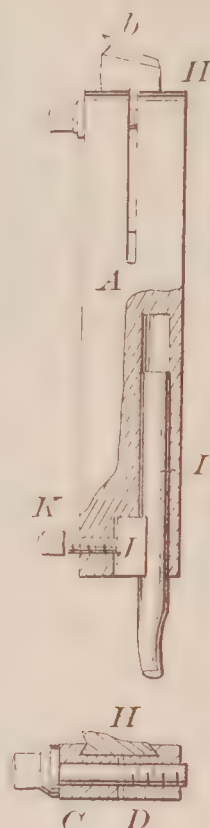
85325—J. Montgomery—*Grain Cleaner.*



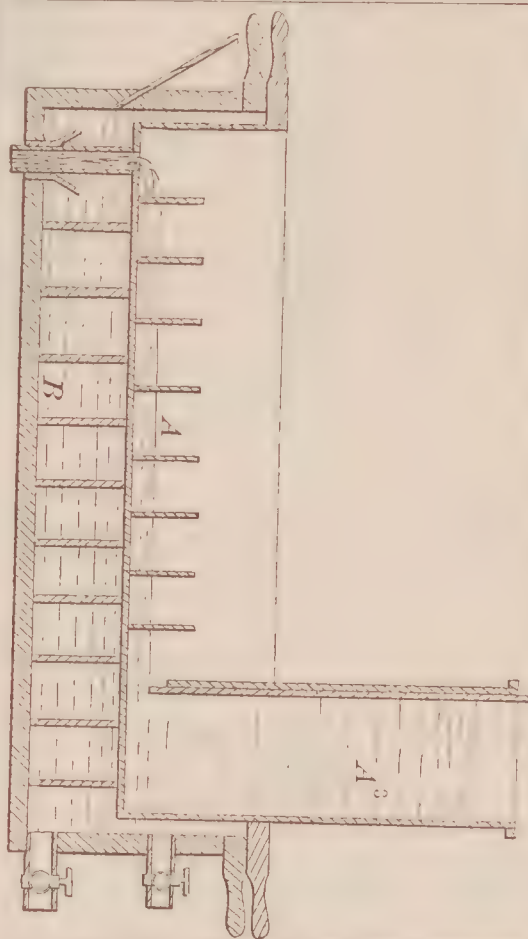
85334—J. L. Sayles—*Expanding Drill.*



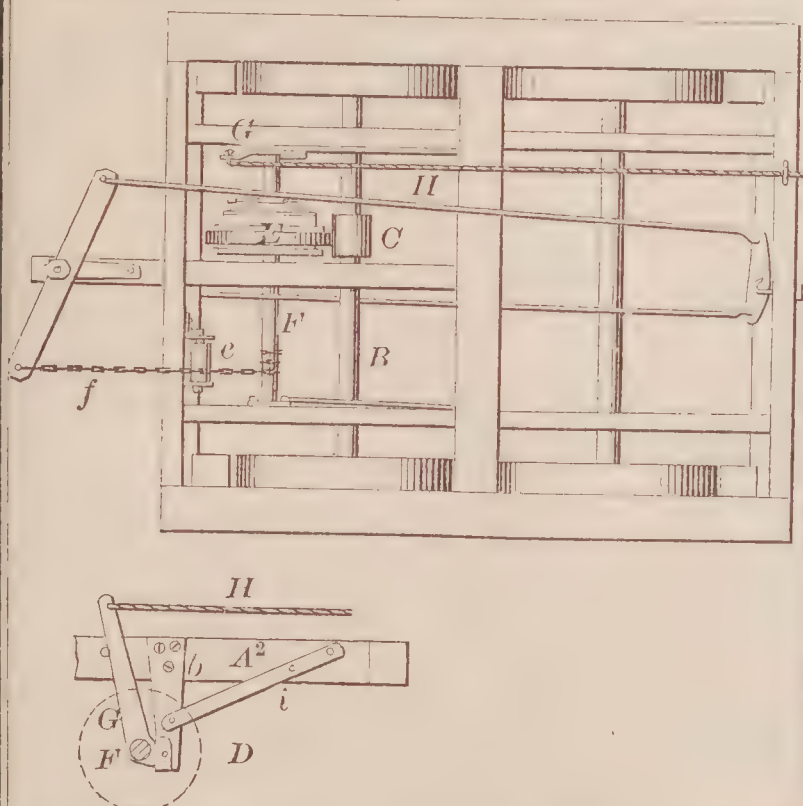
85329—C. H. Reid—*Tool Holder.*



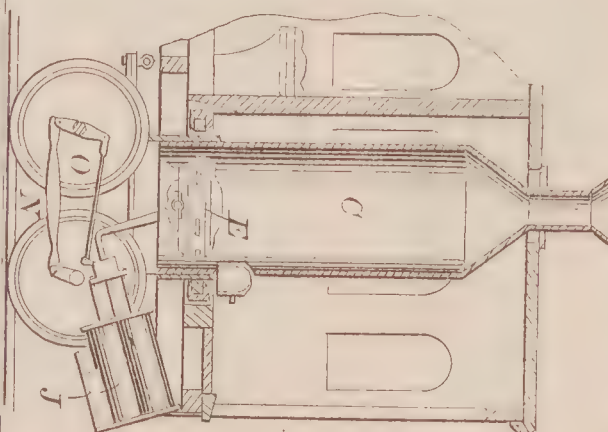
85330—Riggs & Markham—*Milk Cooler.*



85326—Moore & Gray—*Car Brake.*



85331—Robinson & Clark—*Steam Street Car.*





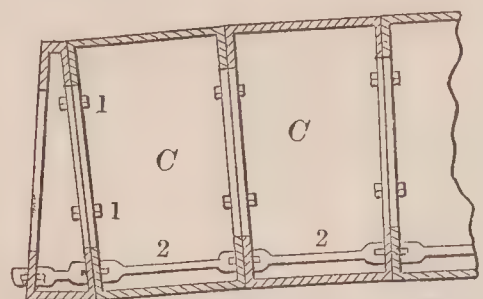
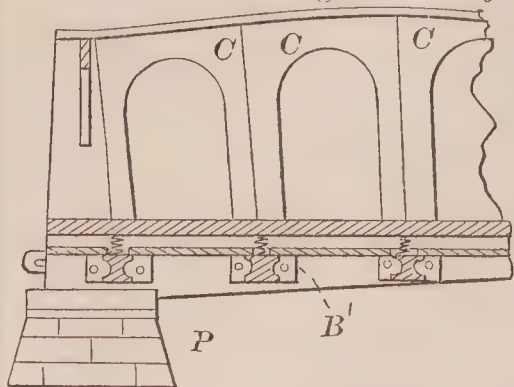
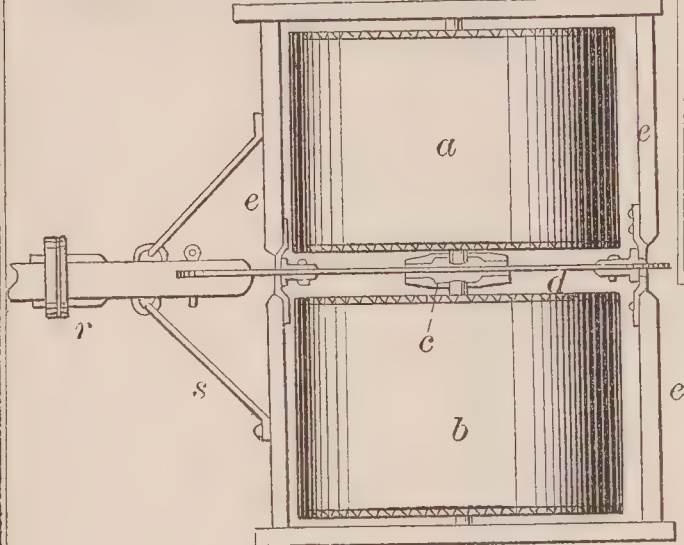
85332—R. W. Rogers—*Bridge*.85333—R. Sandiford—*Land Roller*.

Fig. 6



Fig. 7

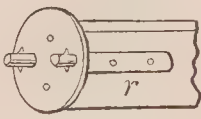
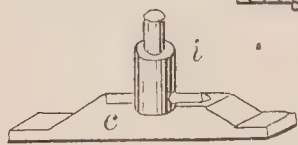
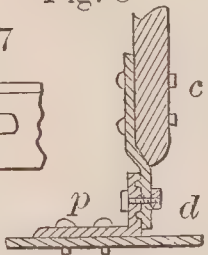
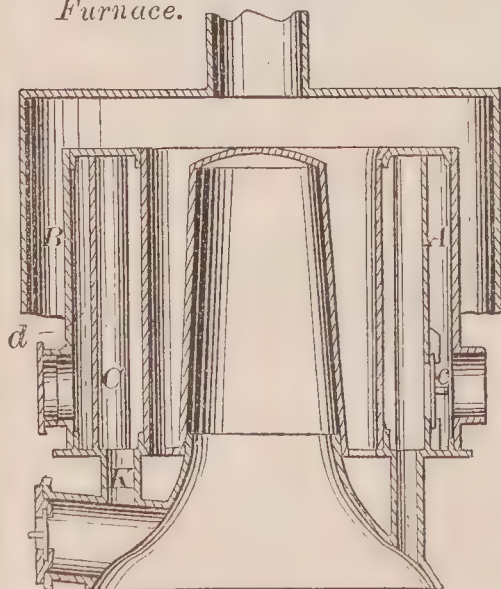
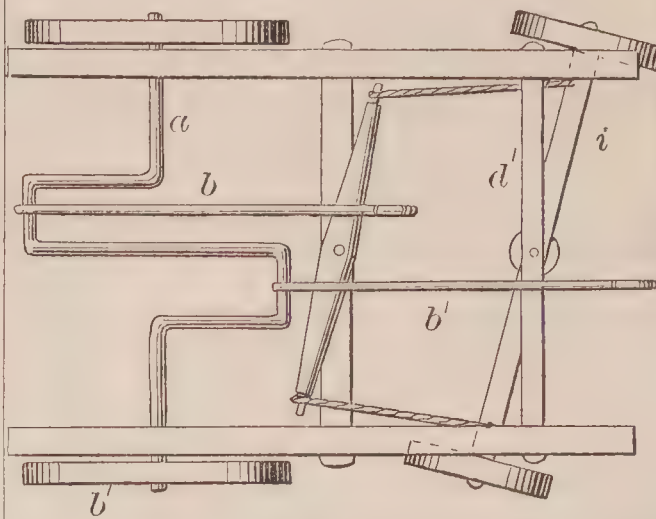
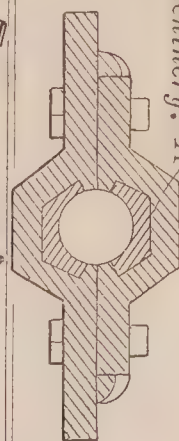
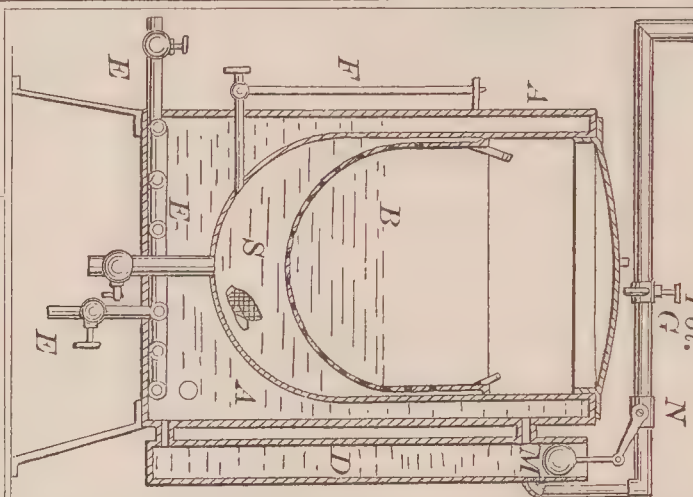
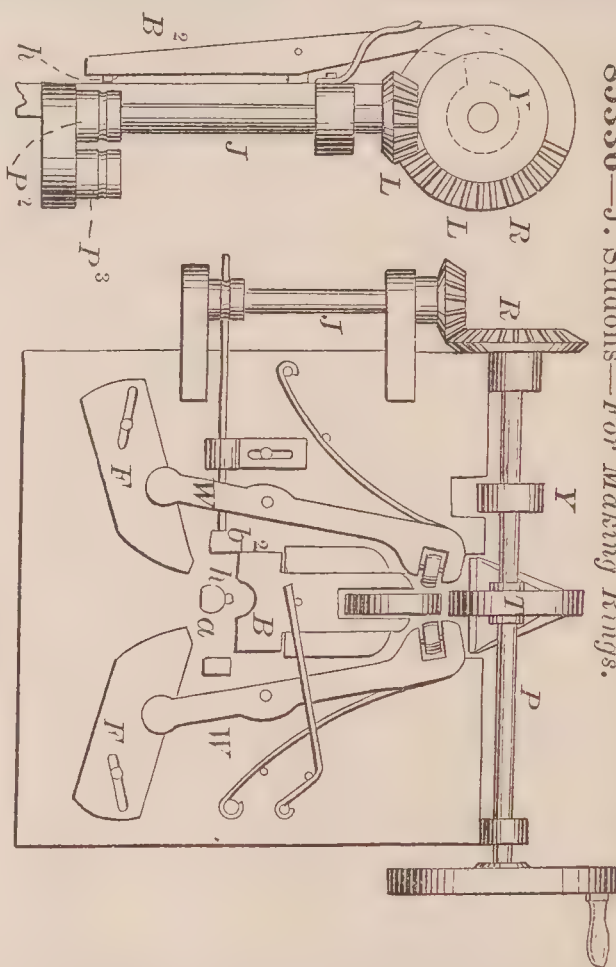
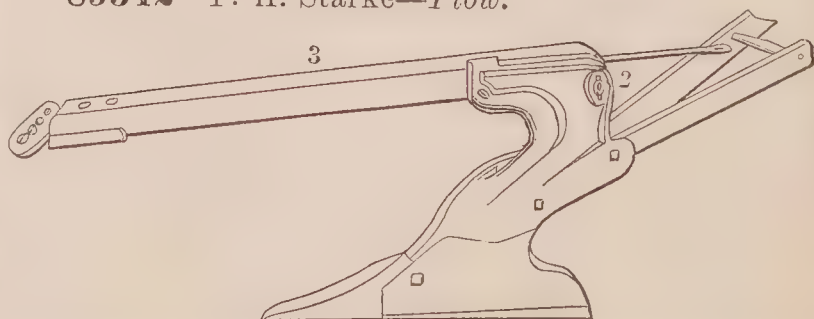
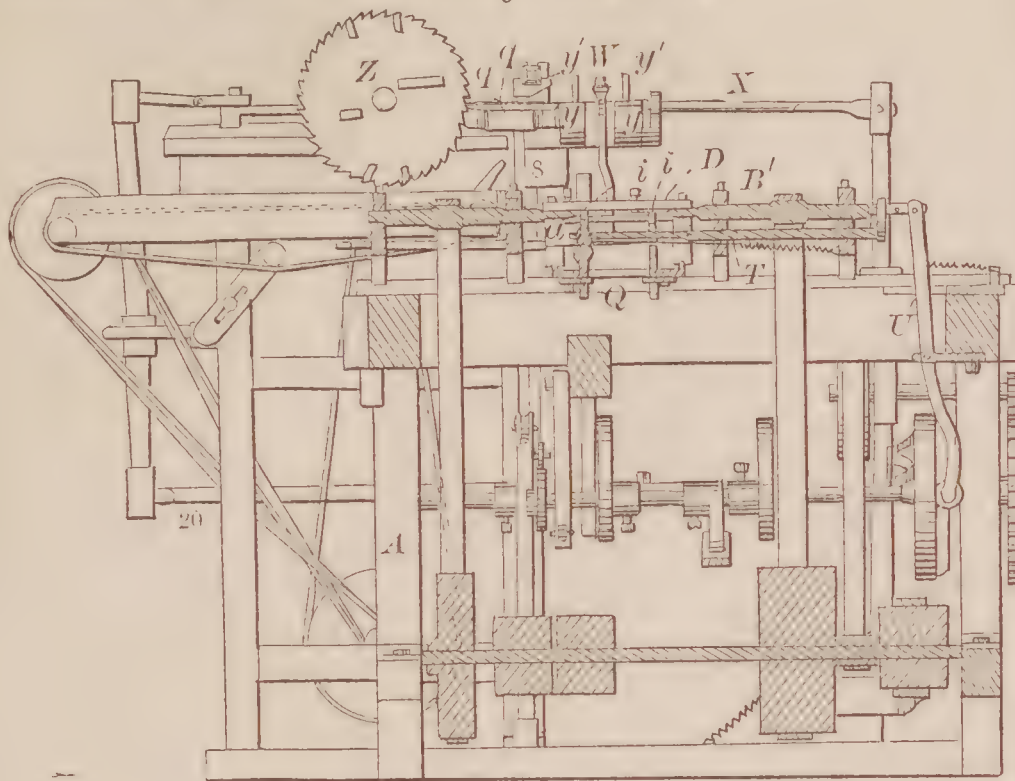


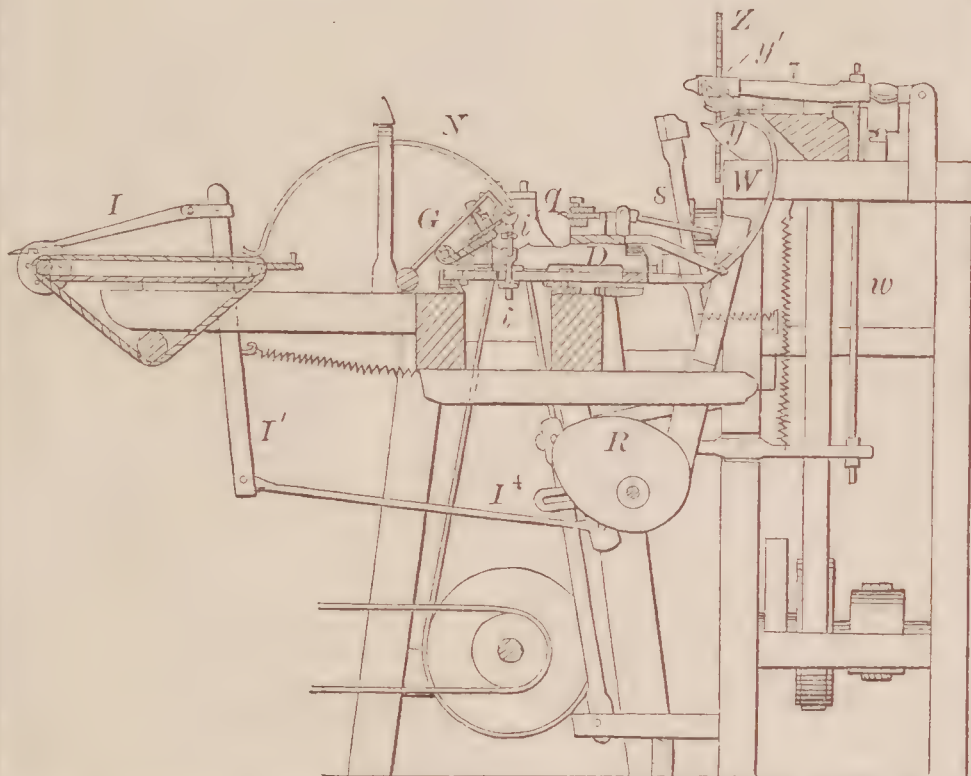
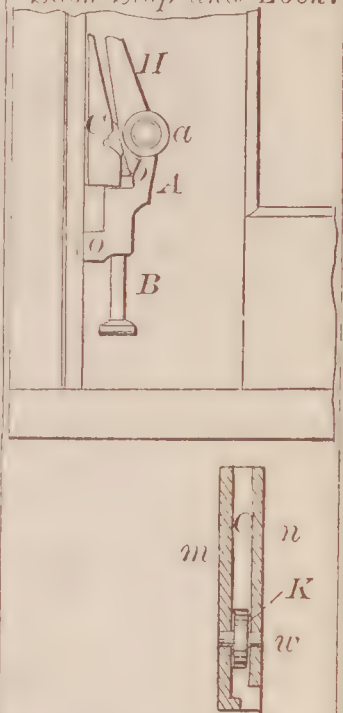
Fig. 8

85335—J. Siddons—*Hot Air Furnace*.85337—S. M. Skidmore—*Velocipede*.85341—L. F. & G. S. Snyder & Jones—*Castings Bearings for Machinery*.85339—J. B. Smith—*Coffee Pot*.85336—J. Siddons—*For Making Rings*.85342—P. H. Starke—*Plow*.

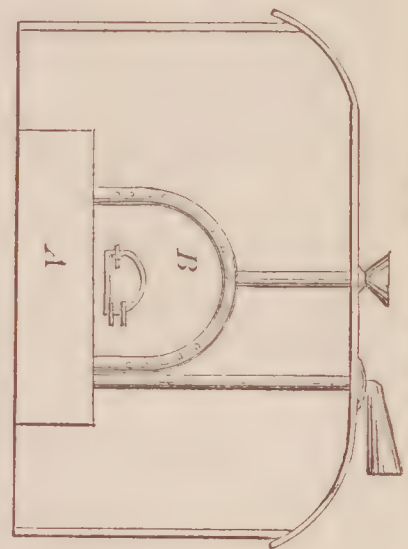
85338—J. B. Smith—*For Making Clothes Pins.*



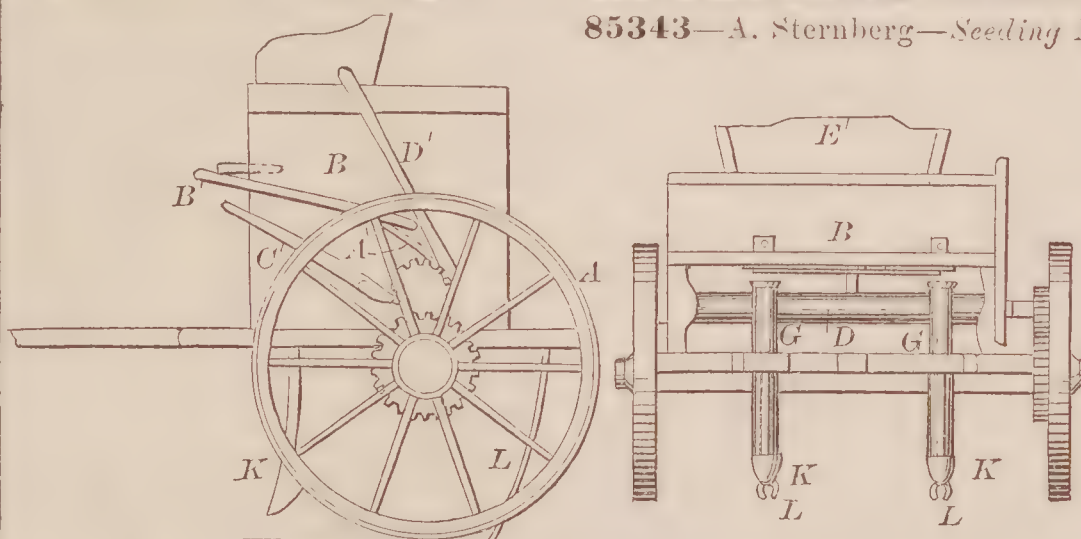
85345—  
W. H. Sullenberger—*Sash Stop and Lock.*



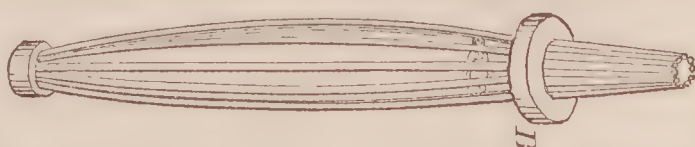
85348—A. P. Winslow—*Railroad Car Stove.*



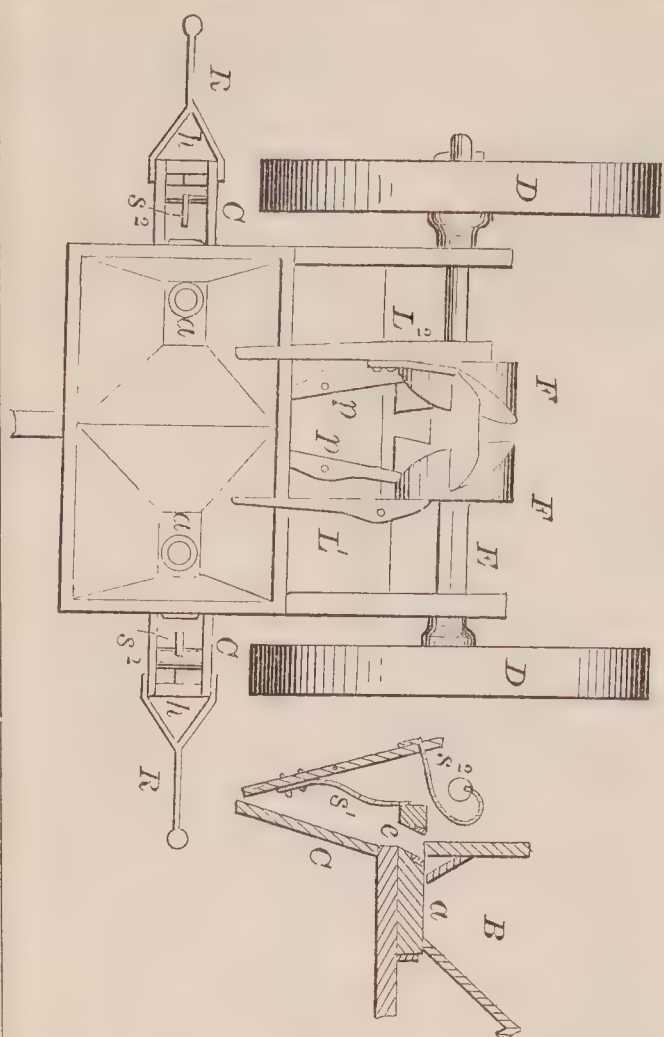
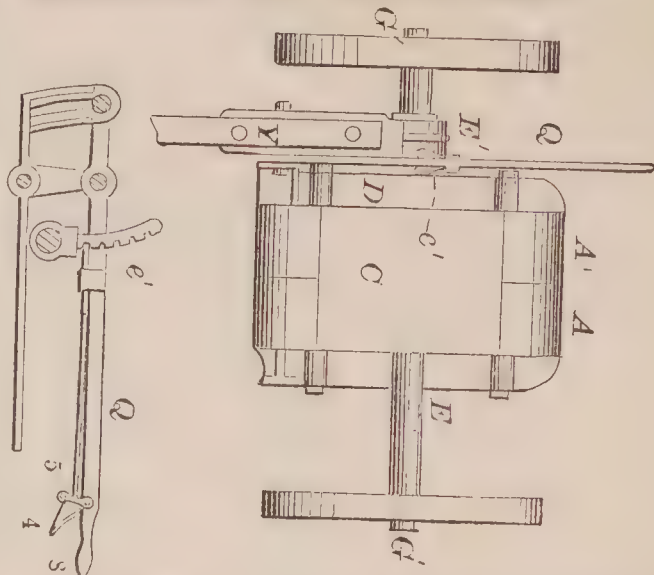
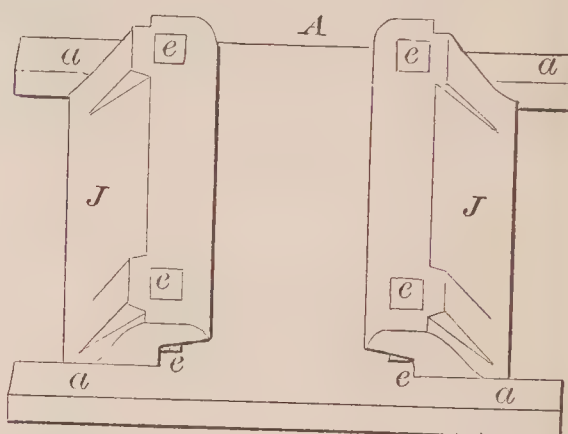
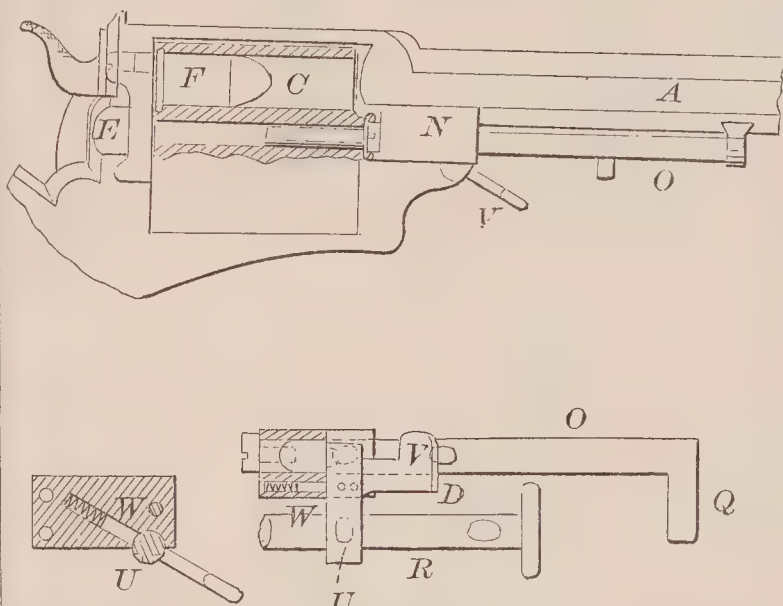
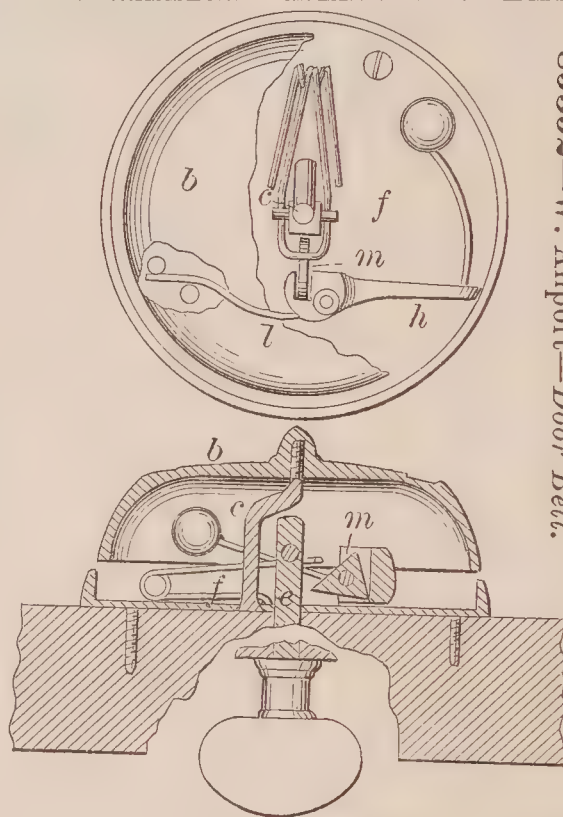
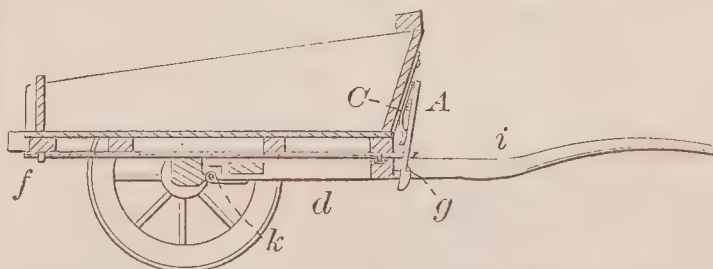
85343—A. Sternberg—*Seeding Machine.*



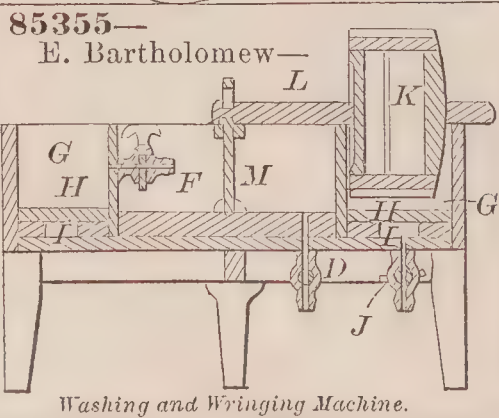
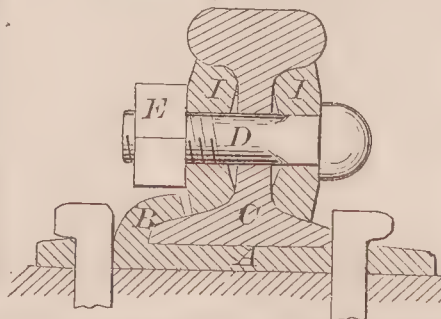
85344—G. Studer—*For Pressing Cigars.*



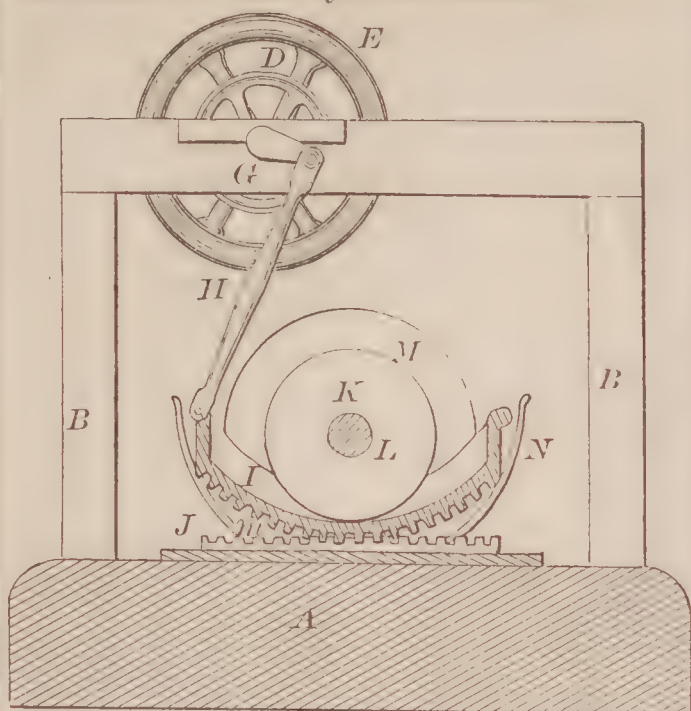


85349—G. W. N. Yost—*Harvester.*85347—W. Van Anden—*Railway Chair.*85350—J. Adams—*Fire Arm.*85352—W. Allport—*Door Bell.*85353—J. H. C. Appelgate—*Dumping Cart.*85351—H. E. Alexander—*Railroad Ticket.*

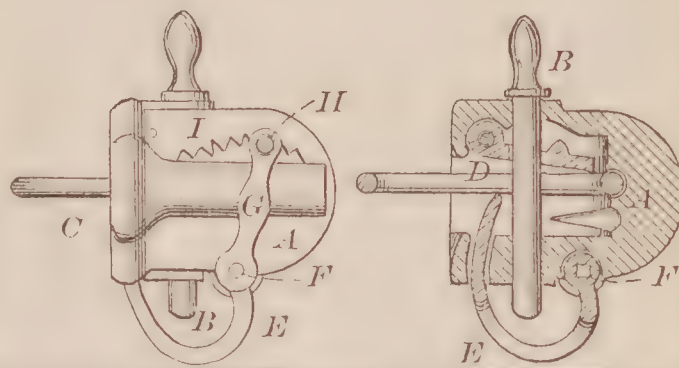
Up Trip									
Jan.	1	2	3	4	5	6	7	8	9
Feb.	1	2	3	4	5	6	7	8	9
Mar.	1	2	3	4	5	6	7	8	9
Apr.	1	2	3	4	5	6	7	8	9
May	1	2	3	4	5	6	7	8	9
June	1	2	3	4	5	6	7	8	9
July	1	2	3	4	5	6	7	8	9
Aug.	1	2	3	4	5	6	7	8	9
Sept.	1	2	3	4	5	6	7	8	9
Oct.	1	2	3	4	5	6	7	8	9
Nov.	1	2	3	4	5	6	7	8	9
Dec.	1	2	3	4	5	6	7	8	9

85357—G. W. R. Bayley—*Railway Chair.*

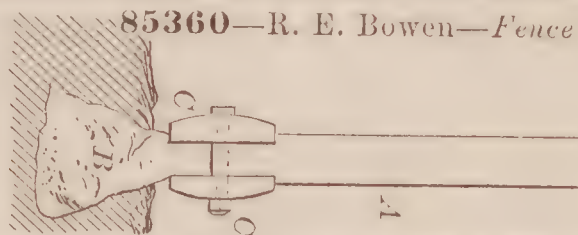
85354—H. Ball—Quartz Crusher.



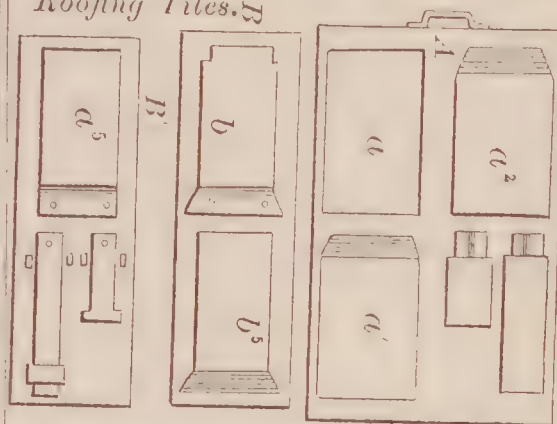
85359—H. W. Boifeuillet—Car Coupling.



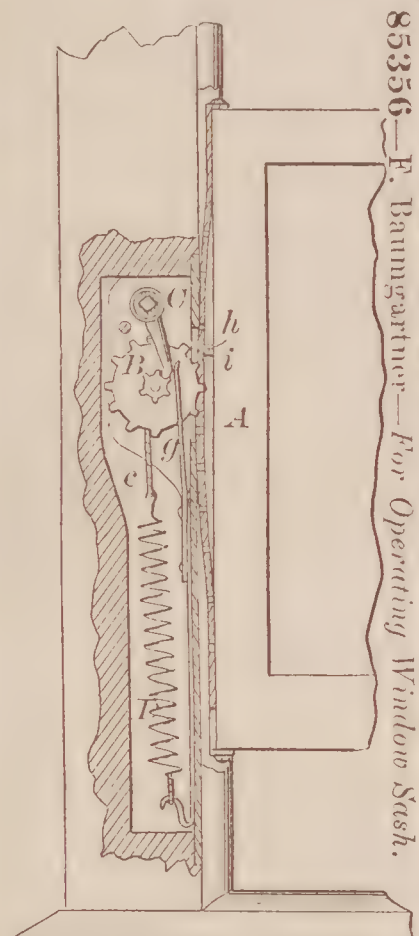
85360—R. E. Bowen—Fence Post.



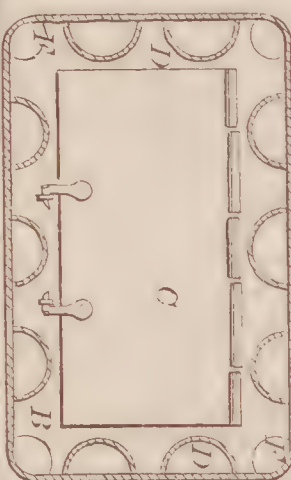
85362—P. A. Brown—For Forming Roofing Tiles.



85356—F. Baumgartner—For Operating Window Sash.



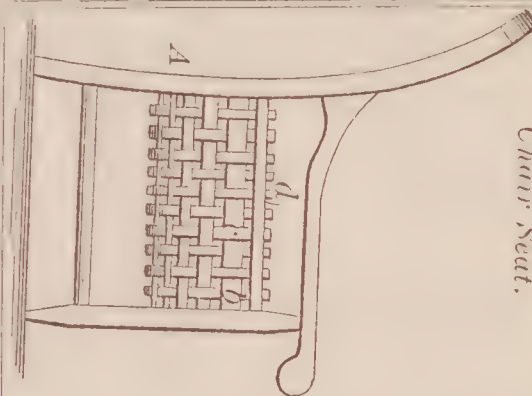
85358—H. P. Beniss—Wash Boiler.



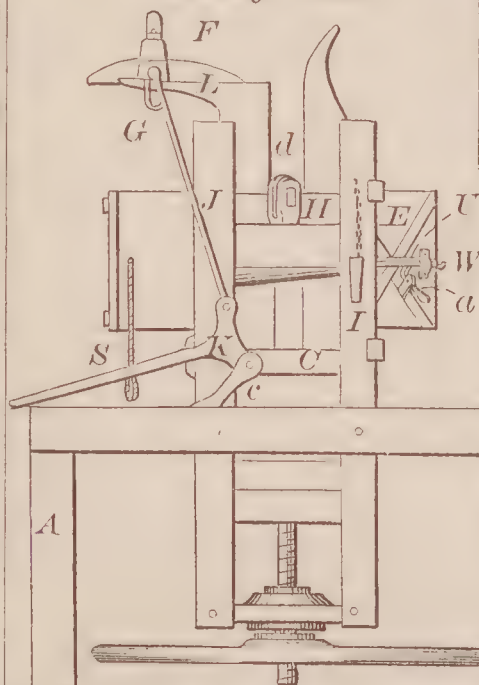
85361—G. F. Boyden—Furniture Protector.



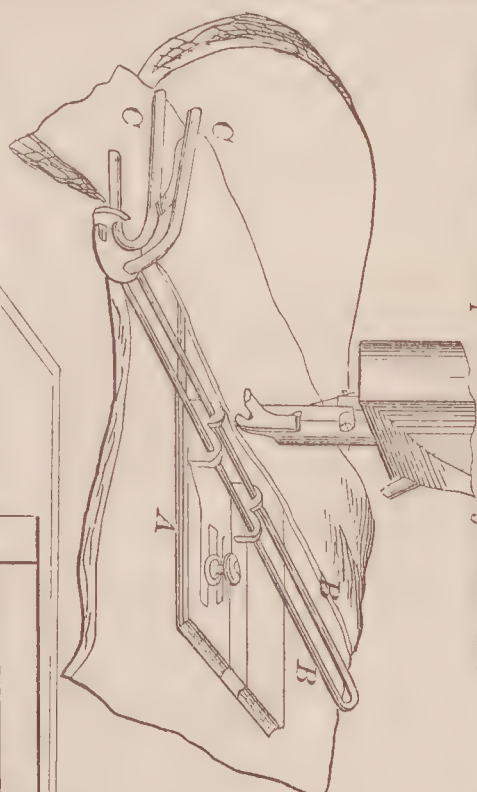
85363—G. Buckel—Chair Seat.



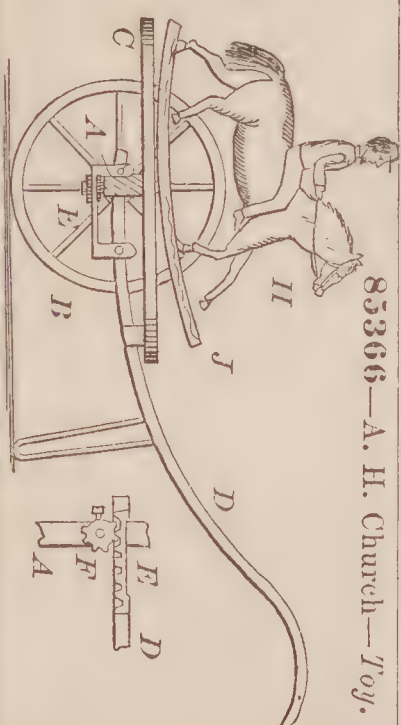
85365—M. D. Check—Baling Press.



85364—W. Carpenter—Sewing Machine.

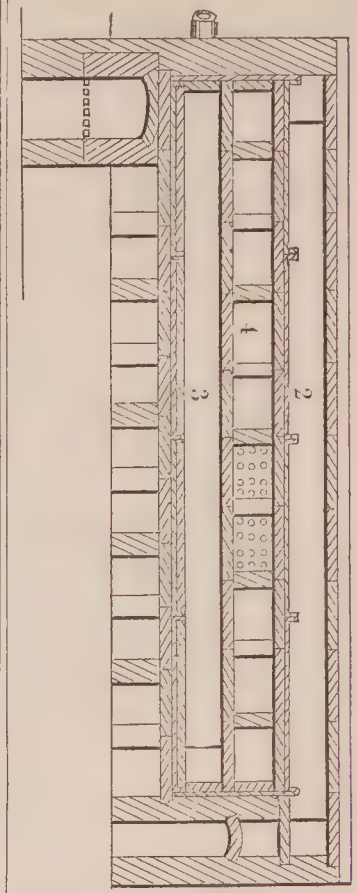


85366—A. H. Church—Toy.

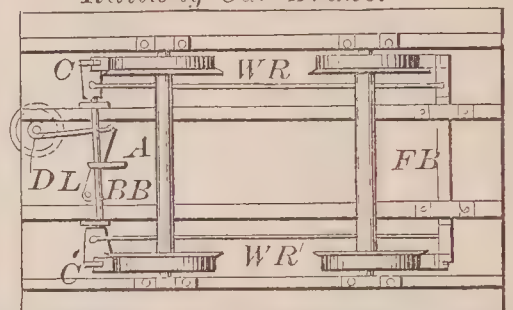




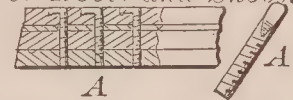
85370—H. Deacon—For the Manufacture of Chlorine.



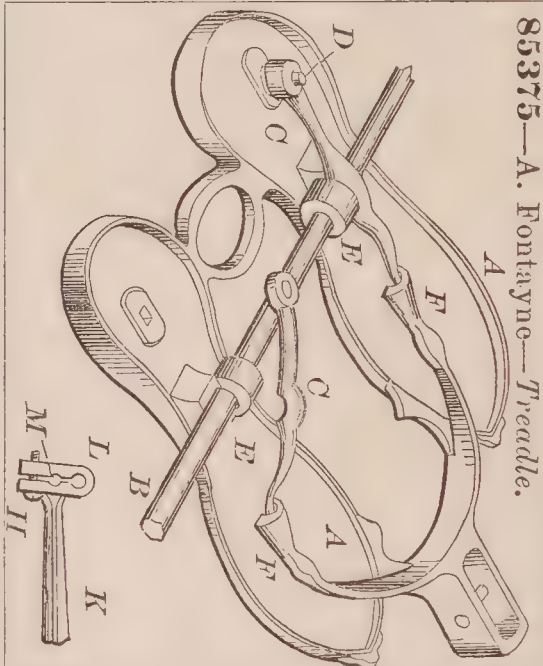
85369—C. D. Culver—Railway Car Brake.



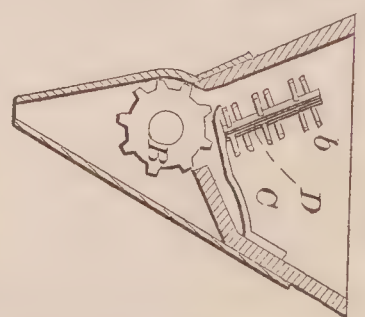
85374—J. M. Estabrook—Screw Peg for Boots and Shoes.



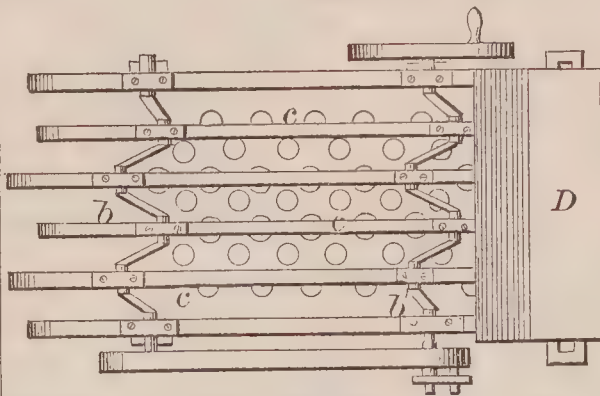
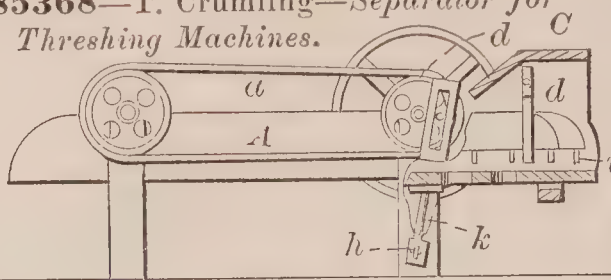
85375—A. Fontayne—Treadle.



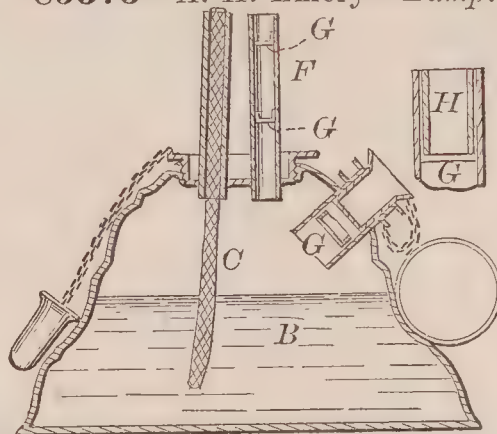
85379—A. J. Going—Cotton Seed Planter.



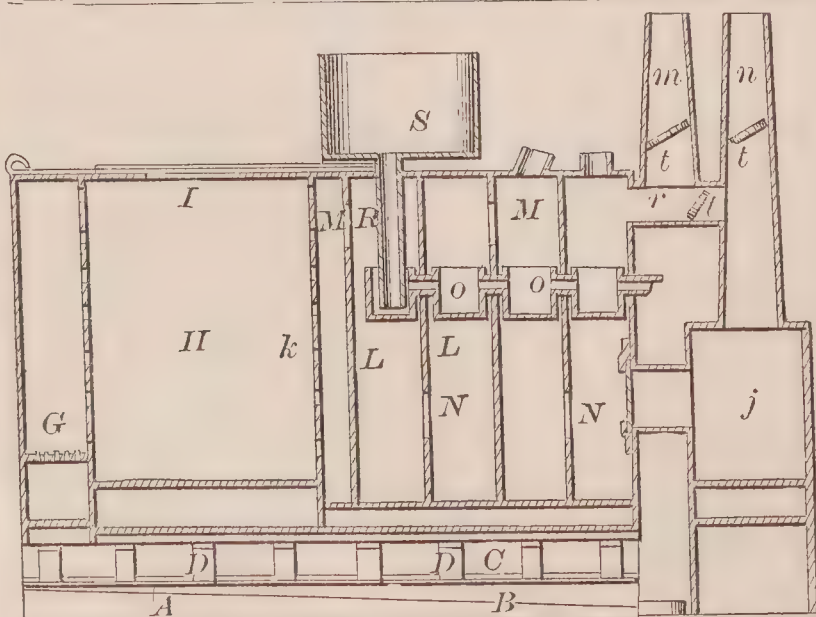
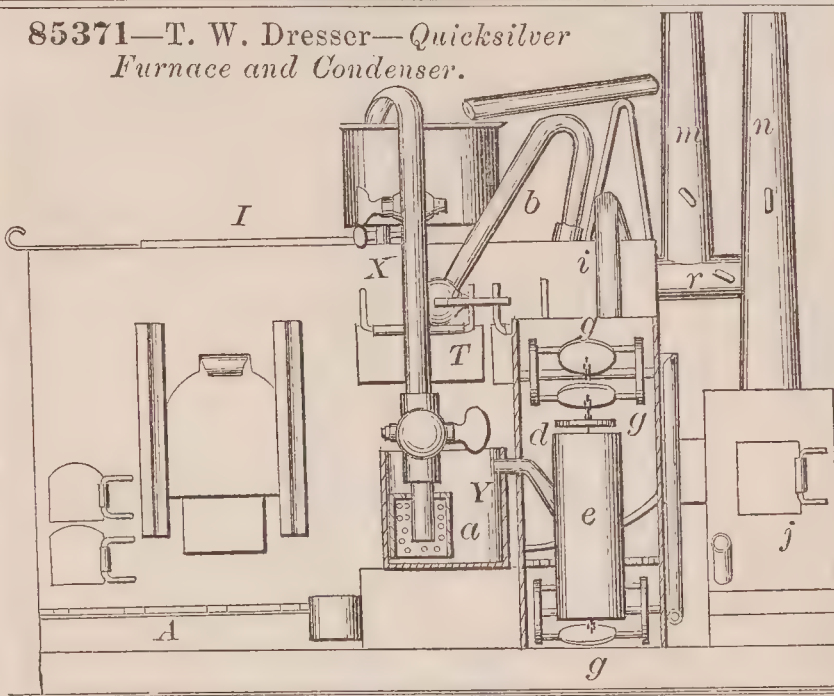
85368—T. Crumling—Separator for Threshing Machines.



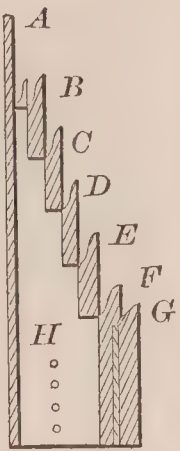
85373—A. H. Emery—Lamp.



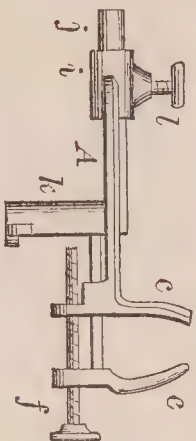
85371—T. W. Dresser—Quicksilver Furnace and Condenser.



85367—J. A. M. Collins—Bill Holder.

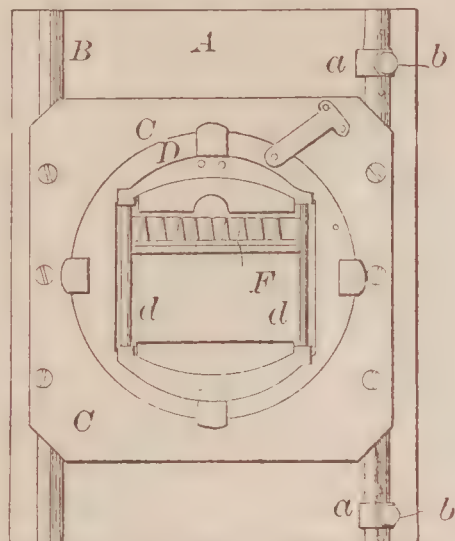


85372—J. Elliott—Pipe and Faucet Clamp.

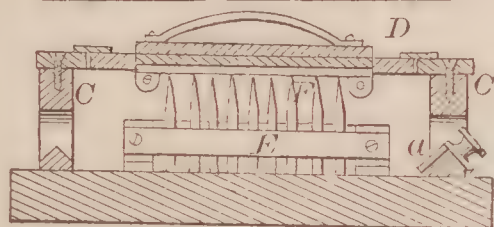
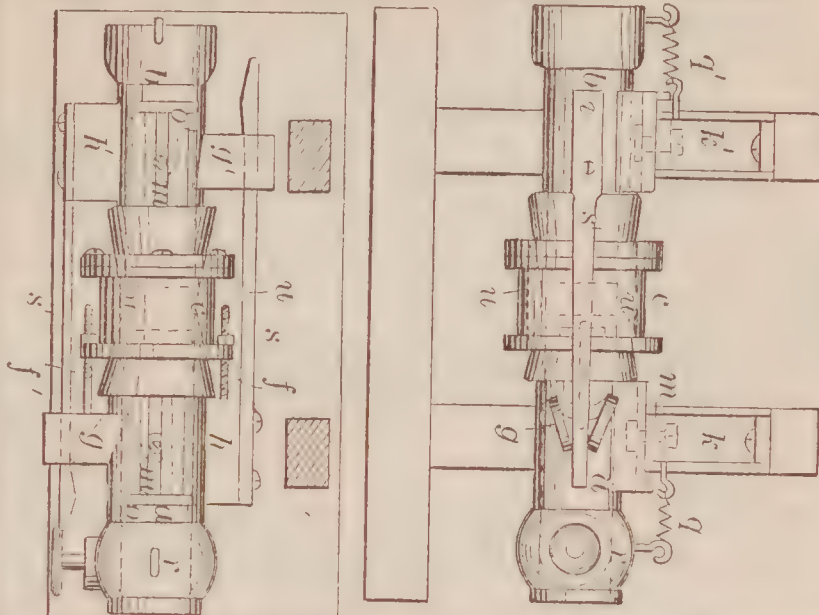




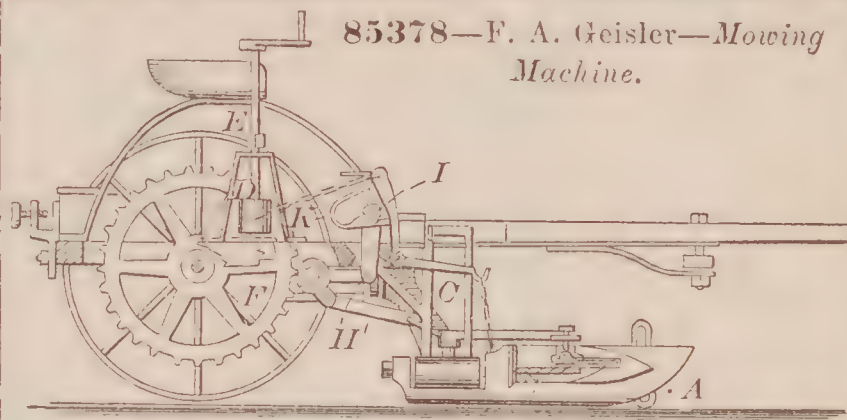
85376—J. H. French—*For Ruling School Slates.*



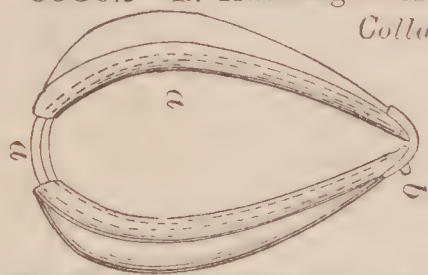
85377—G. A. Fullerton—*Steam Pipe Coupling.*



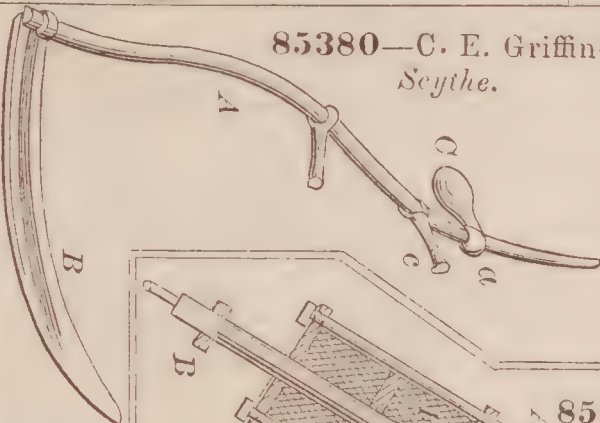
85378—F. A. Geisler—*Mowing Machine.*



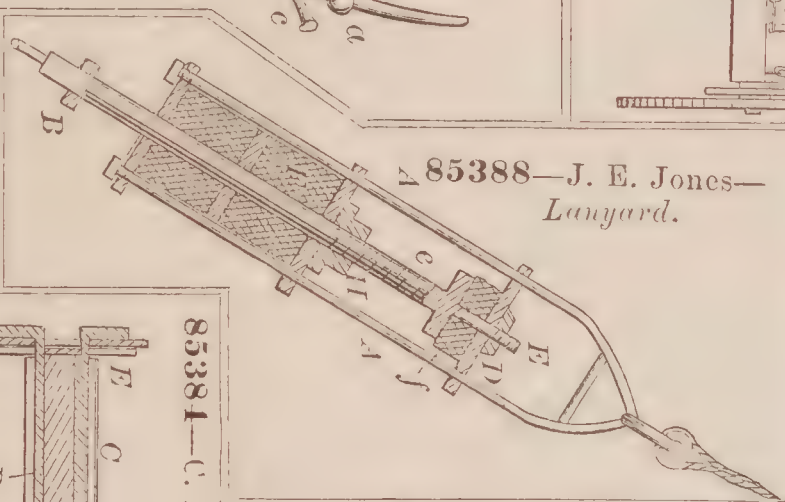
85382—E. Harbaugh—*Horse Collar.*



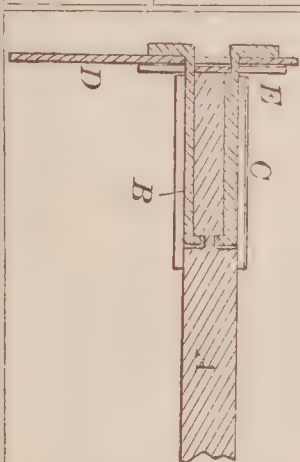
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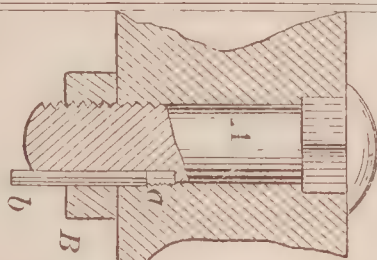
85388—J. E. Jones—*Lanyard.*



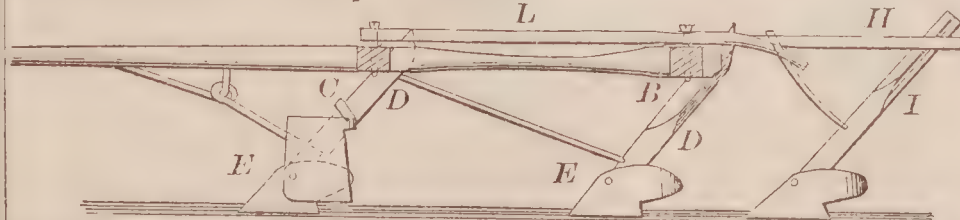
85384—C. P. Howell—*Hoe.*



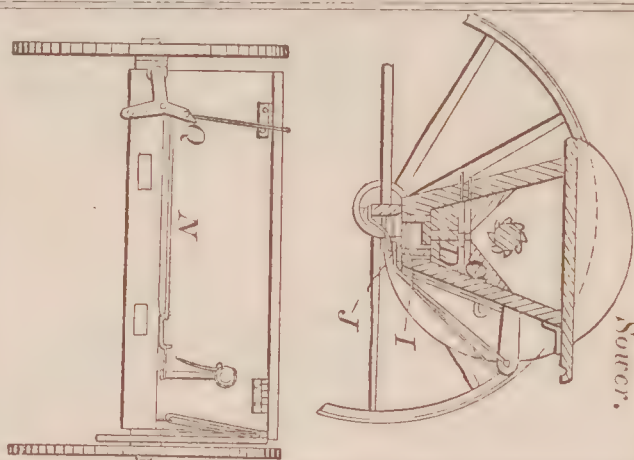
85381—W. Hamilton—*Lock Nut.*



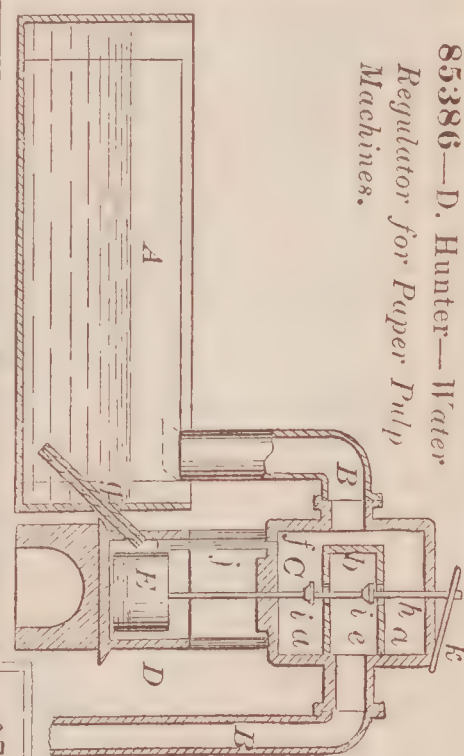
85387—J. W. Jessop—*Cultivator.*



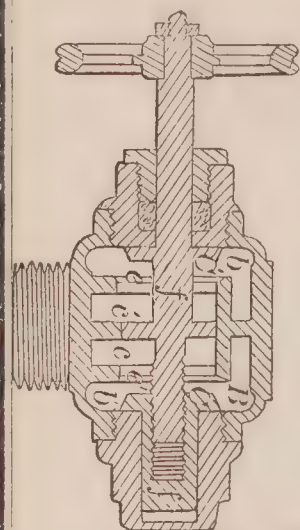
85383—J. House—*Seed Sower.*



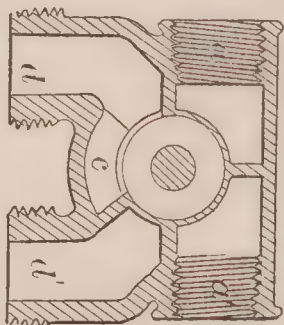
85386—D. Hunter—*Water Regulator for Paper Pulp Machines.*



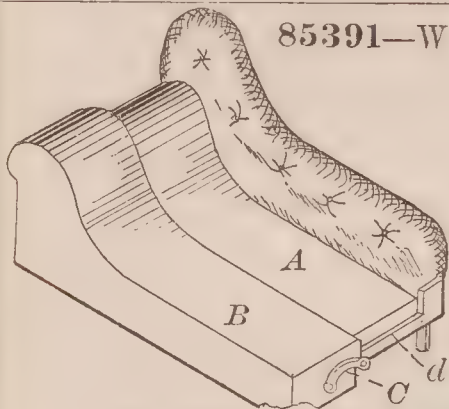
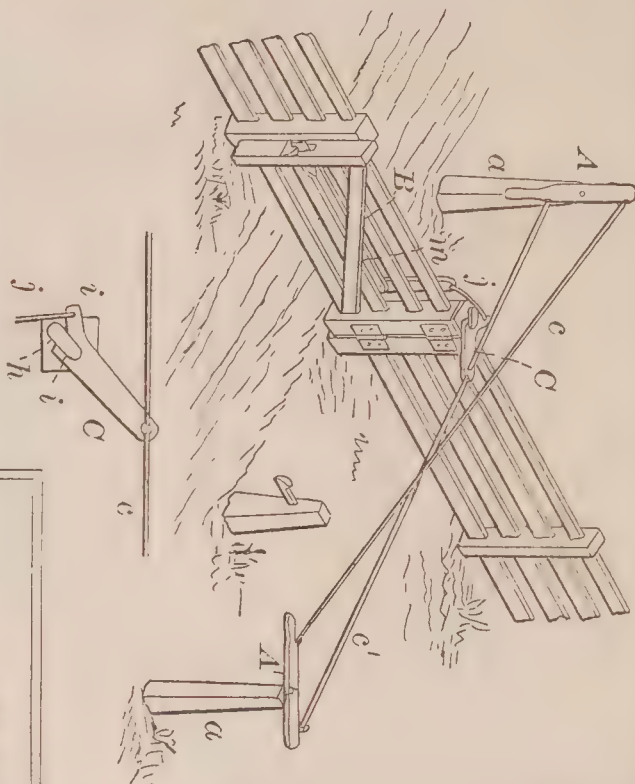




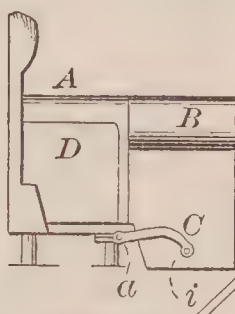
**85389**—P. H. Hendricken—*Steam Engine Valve.*



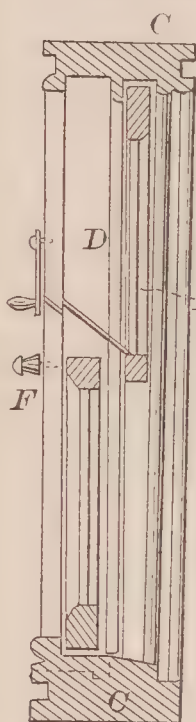
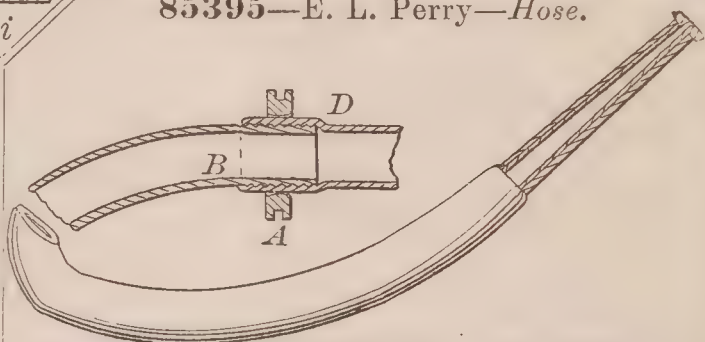
**85390**—H. M. Long—*Gate Attachment.*



**85391**—W. H. Lotz—*Lounge.*

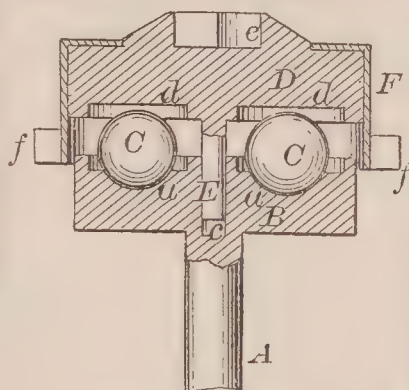


**85395**—E. L. Perry—*Hose.*



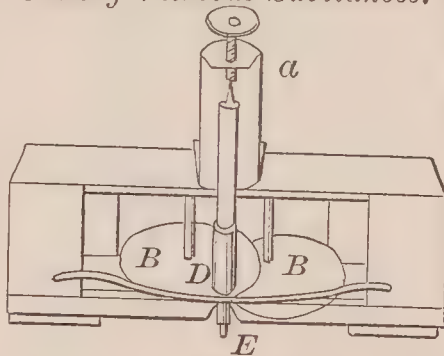
**85394**—S. Myers—*Window Frame.*

**85393**—J. McIlvain—

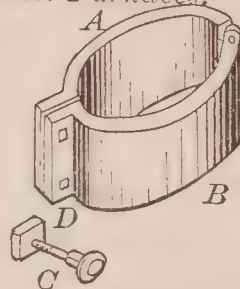


*Box for Shafting.*

**85396**—O. M. Pike—*For Cutting Vitreous Substances.*



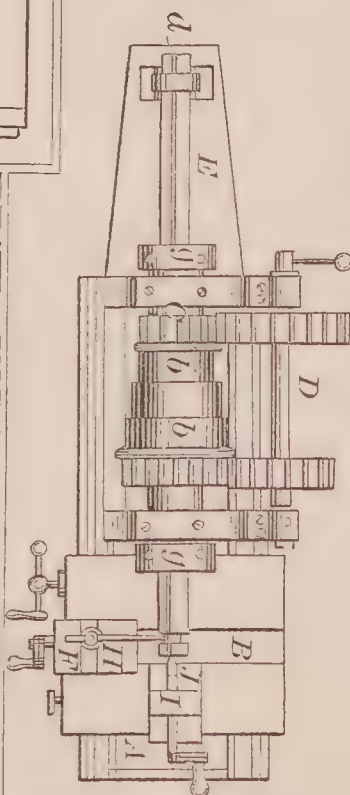
**85392**—H. McCullaugh—*Collar for Pipes in Hot Blast Furnaces.*



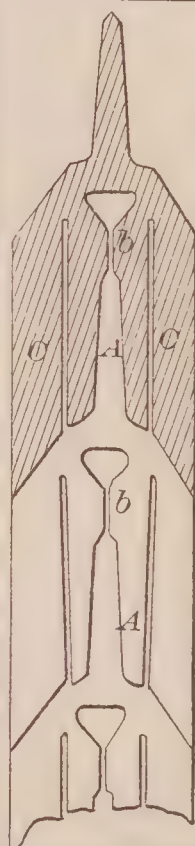
**85397**—J. Restein—*For Paper Collars.*



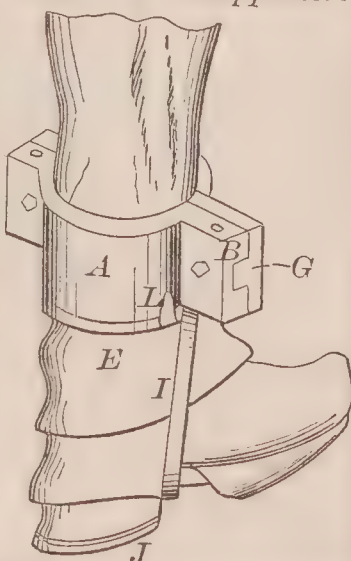
**85399**—F. Rheydt—*Screw Nut.*



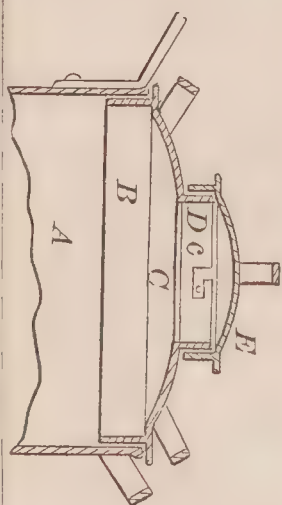
**85400**—J. C. Richardson—*Fork Blank.*



**85402**—W. Riley—*Shackle and Supporter.*

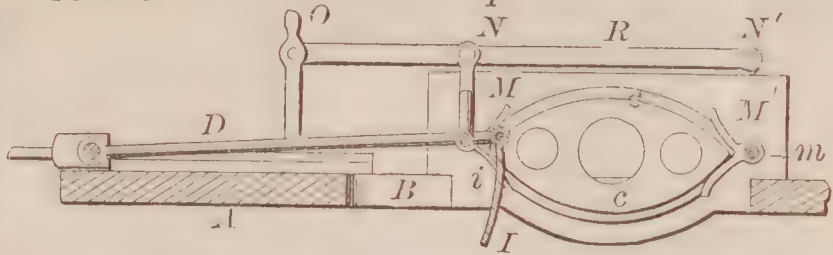


**85398**—G. Reuben—*Pot and Kettle Cover.*

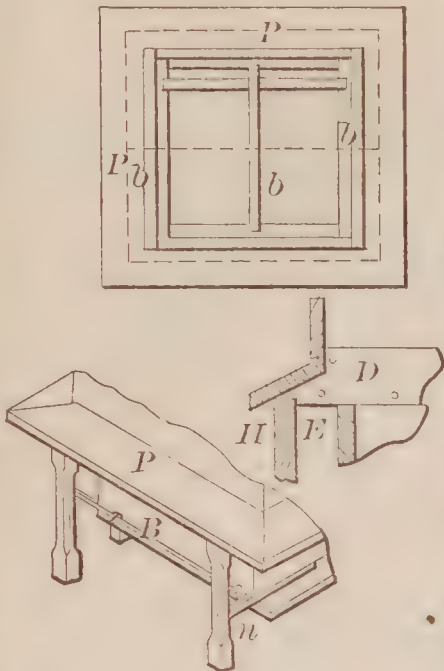




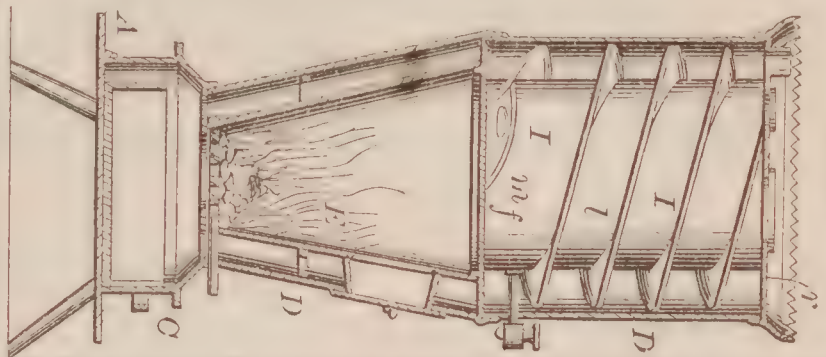
85403—H. F. Roberts—*Propeller.*



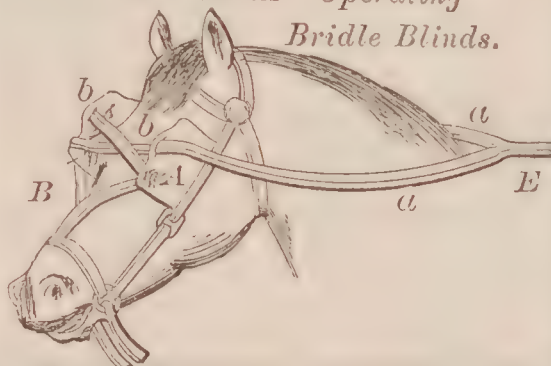
85401—S. L. Richardson—*Beehive.*



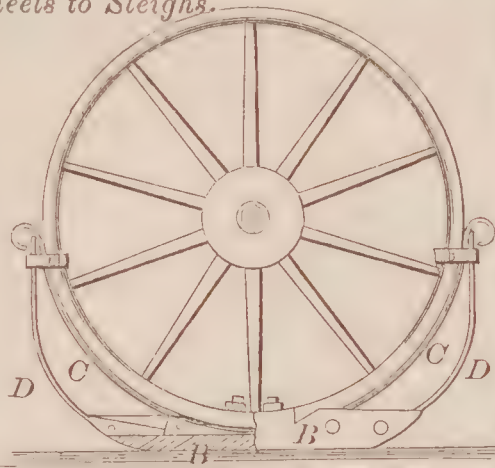
85404—M. Schlegel—*Stove.*



85406—A. Simis—*Operating  
Bridle Blinds.*



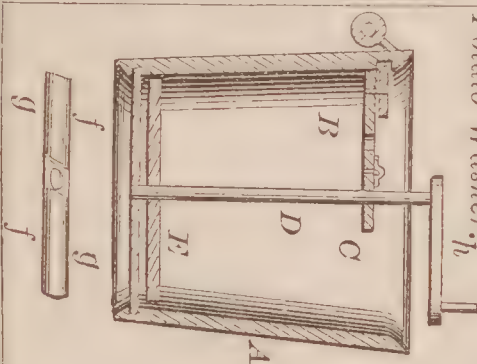
85408—J. Stonebanks—*Attaching  
Wheels to Sleighs.*



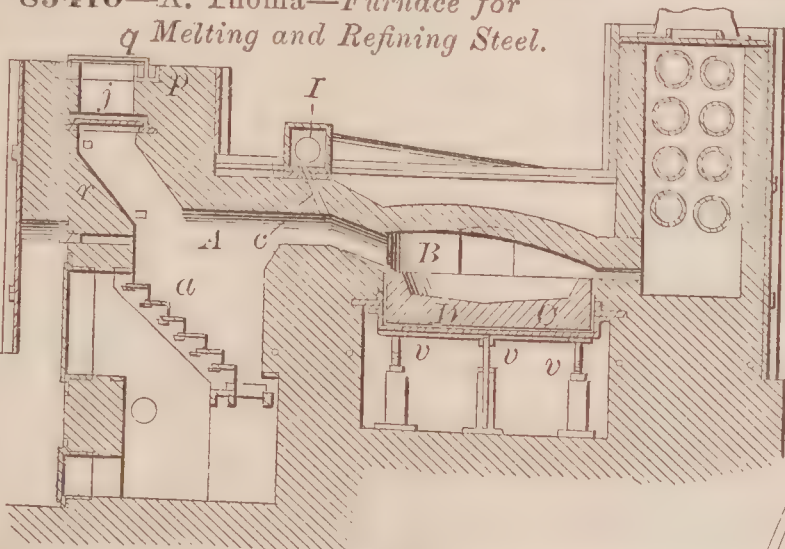
85407—J. Steger—*Car Starter.*



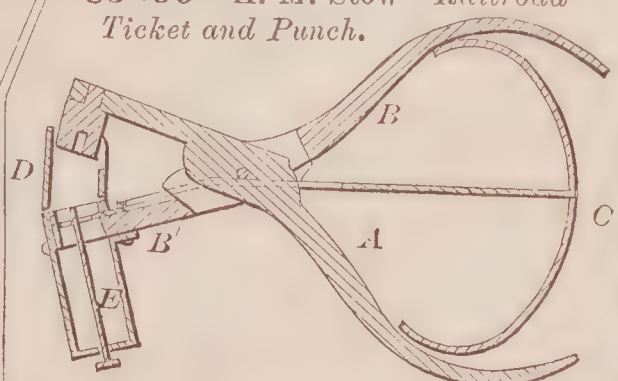
85405—L. B. Sherwin—*Potato Washer.*



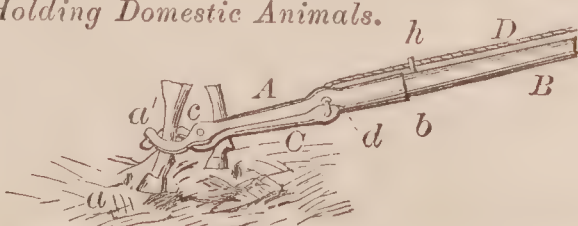
85410—A. Thoma—*Furnace for  
Melting and Refining Steel.*



85409—H. M. Stow—*Railroad  
Ticket and Punch.*

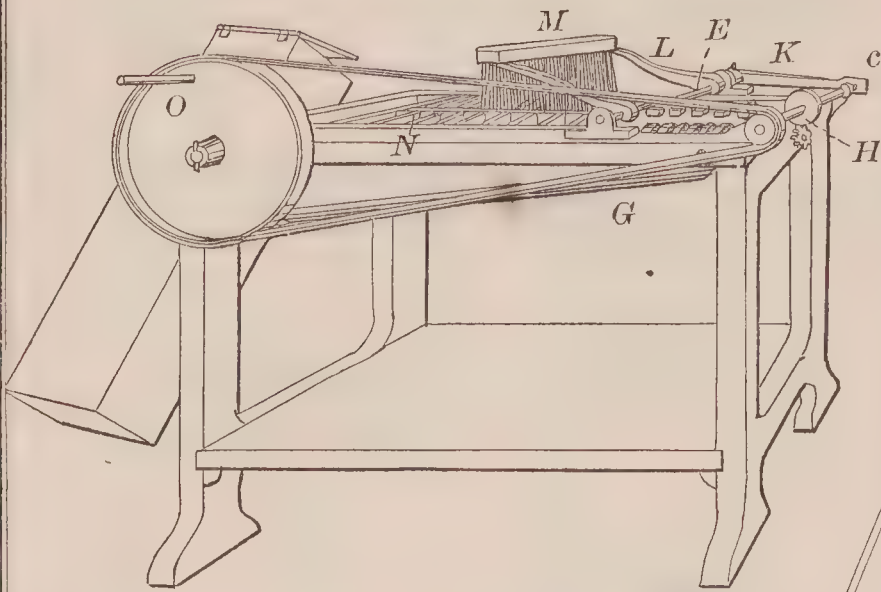


85413—H. V. Van Etten—*For Catching and  
Holding Domestic Animals.*

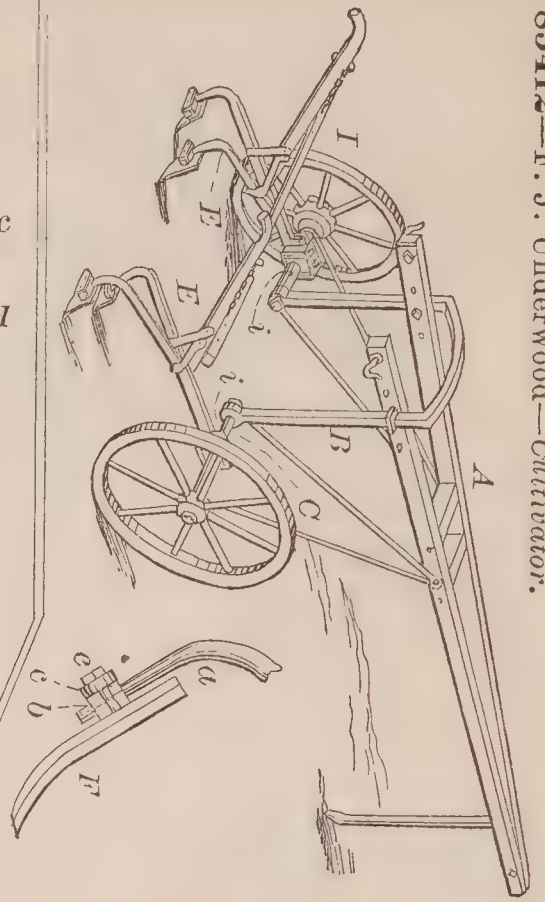




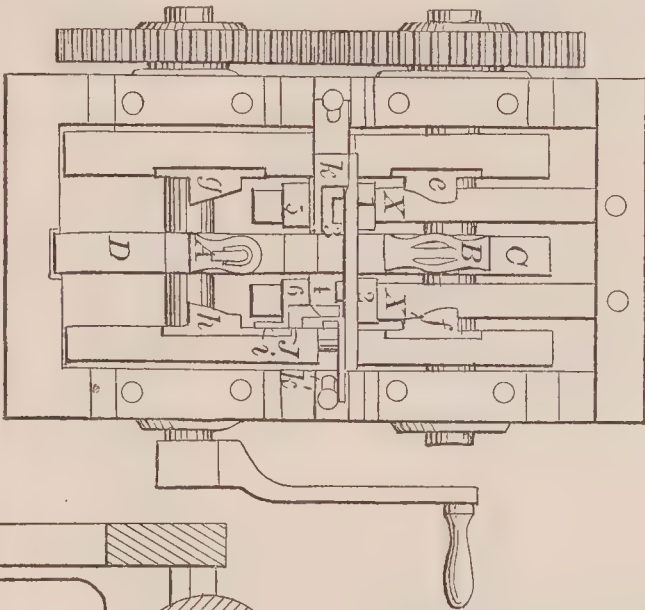
85411—S. D. Tucker—For Coating the Surfaces of  
Electrotype Moulds with Plumbago.



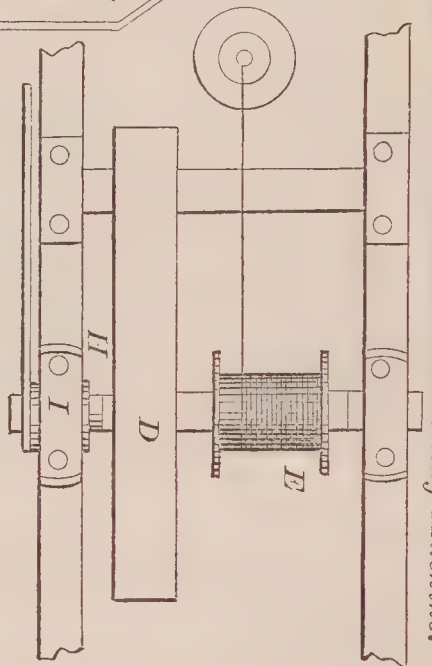
85412—F. J. Underwood—Cultivator.



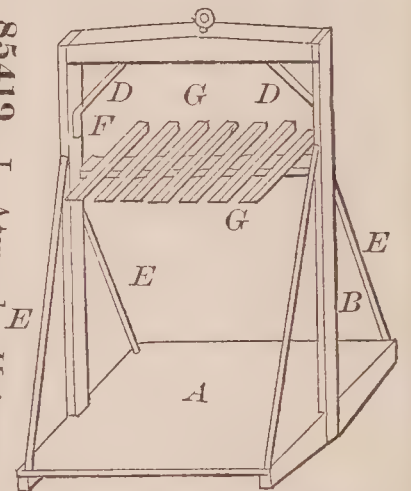
85414—E. Wassell—For  
Making Horse Shoes.



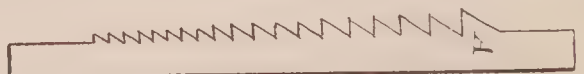
85415—W. C. Williamson—Hoisting Machine.



85419—L. Atwood—Hoisting  
Apparatus for Builders.



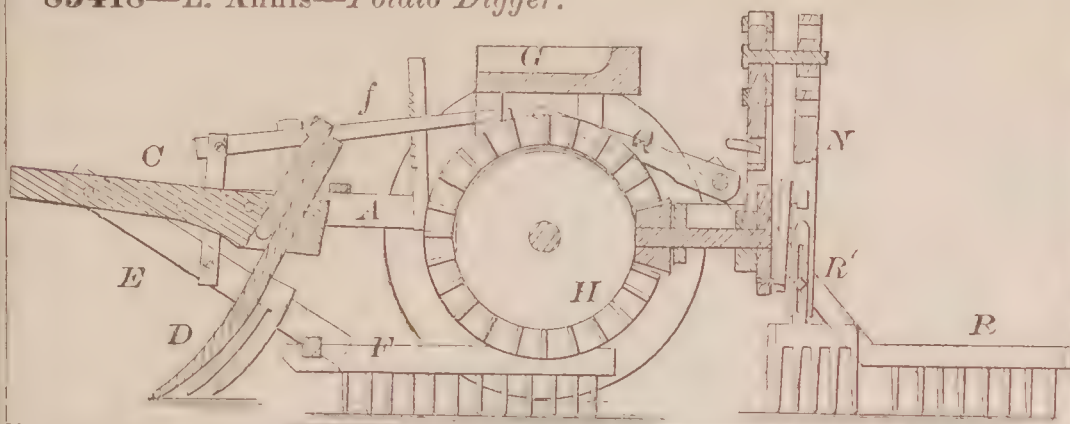
85417—E. Andrews—Saw.



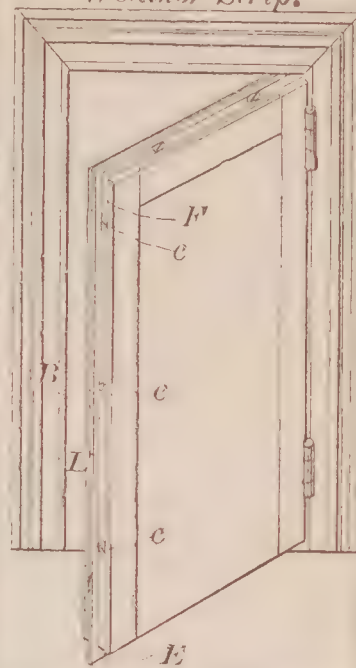
85416—J. S. Yinger—  
Horse Hay Fork.



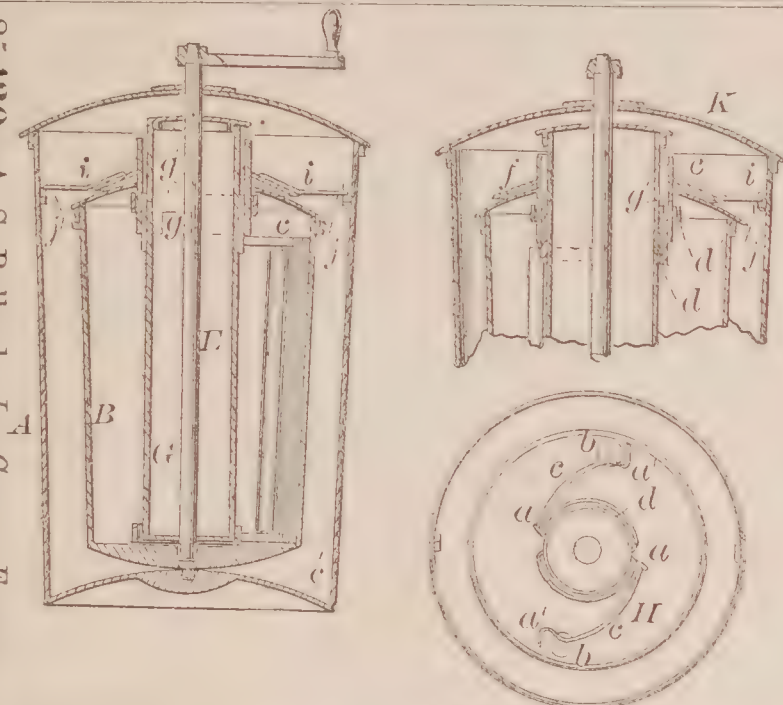
85418—L. Annis—*Potato Digger.*



85422—C. Bean—*Weather Strip.*



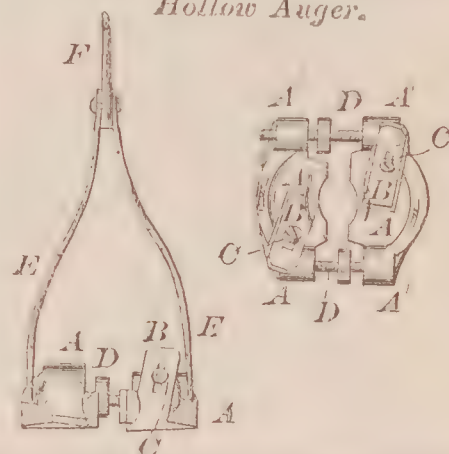
85420—A. S. Ballard—*Ice Cream Freezer.*



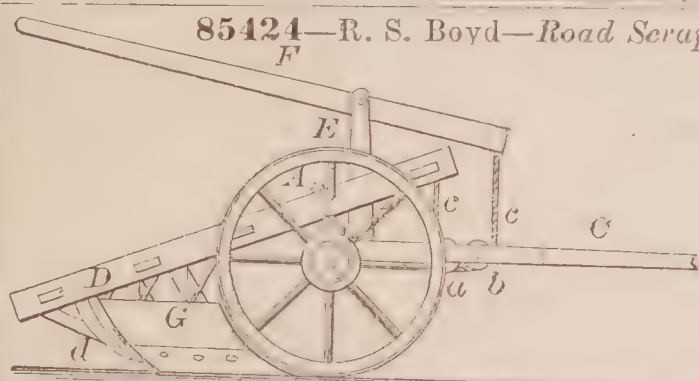
85425—J. F. Brewer—*Poker.*



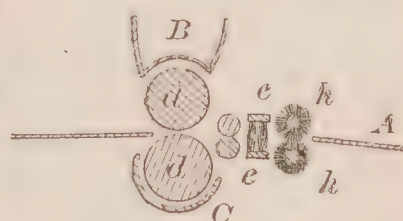
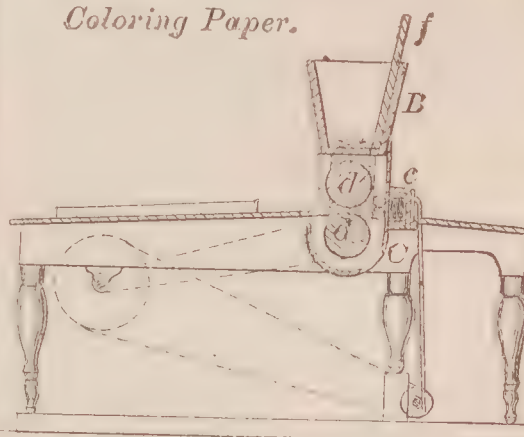
85423—J. H. Beauregard—*Hollow Auger.*



85424—R. S. Boyd—*Road Scraper.*



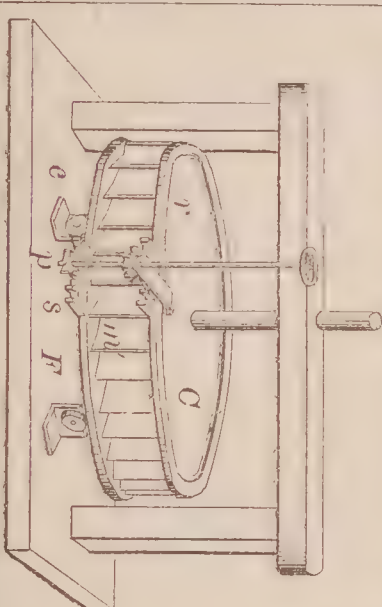
85426—C. K. Brown—*For Coloring Paper.*



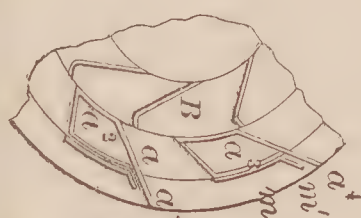
85427—J. Bull—*Scissors.*



85421—D. S. Bartlett—*Water Wheel.*

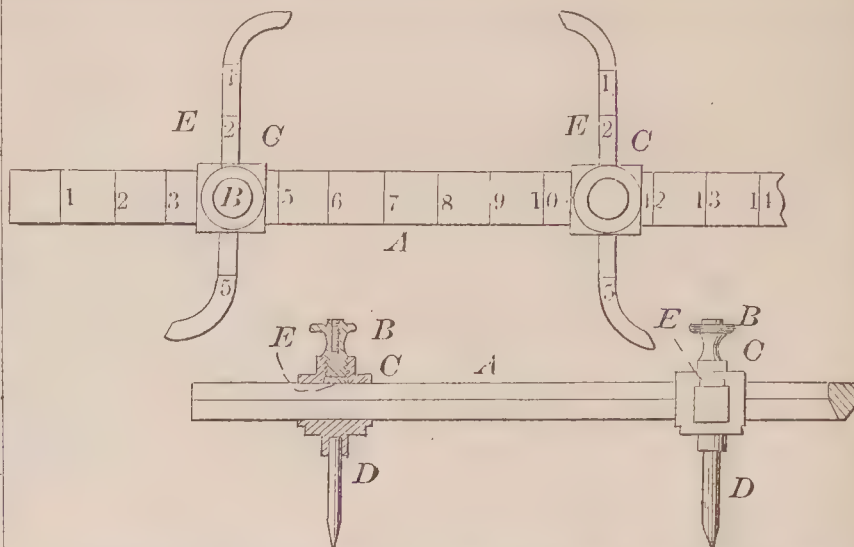
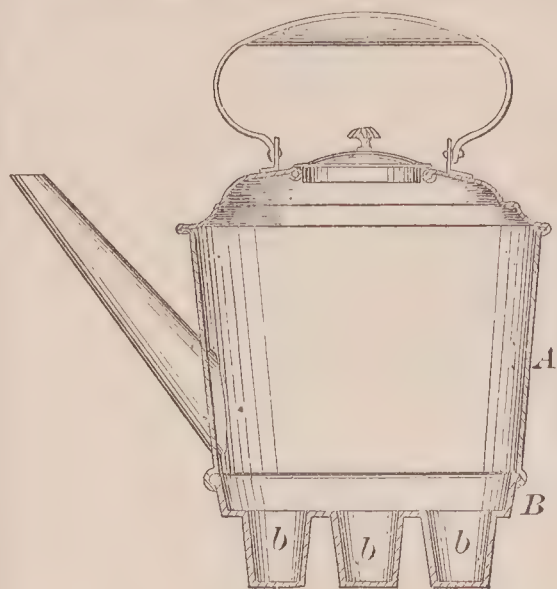


85428—W. & G. H. Barditt—*Drive Well.*



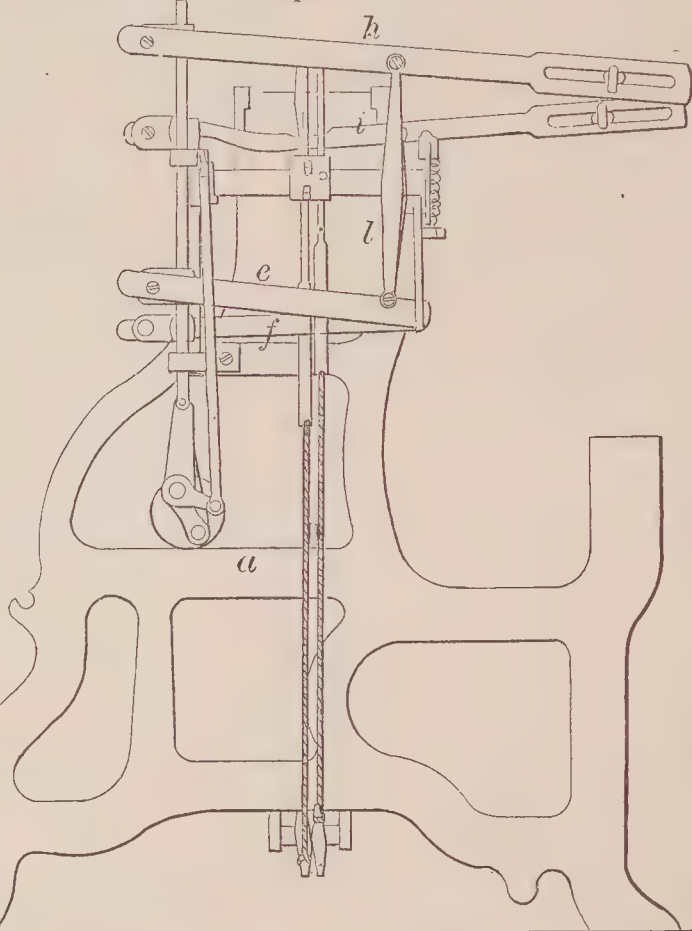


85429—J. Burns—Kettle.

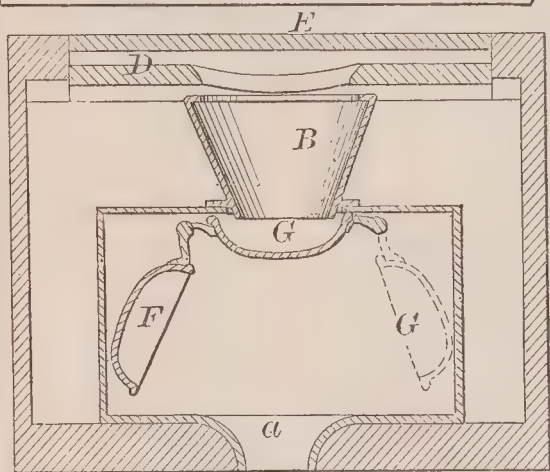
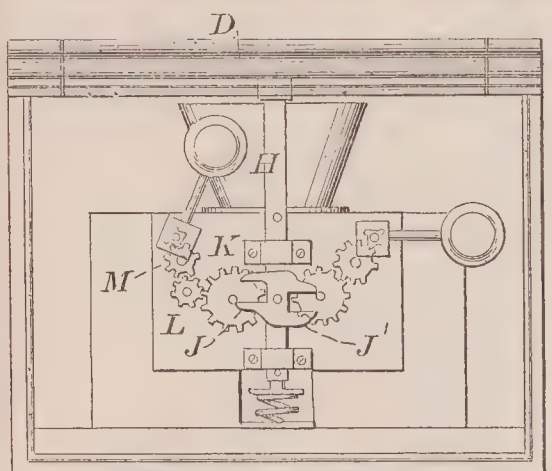


85430—W. Burrows—Beam Compass and Calipers.

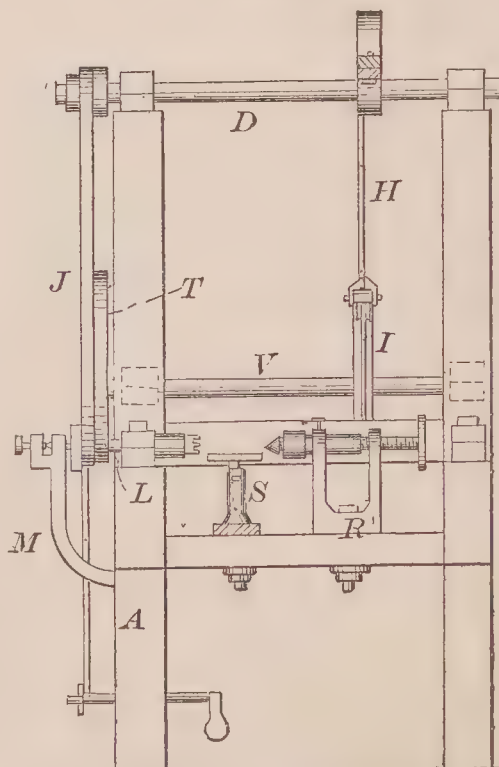
85432—G. Crompton—Loom.



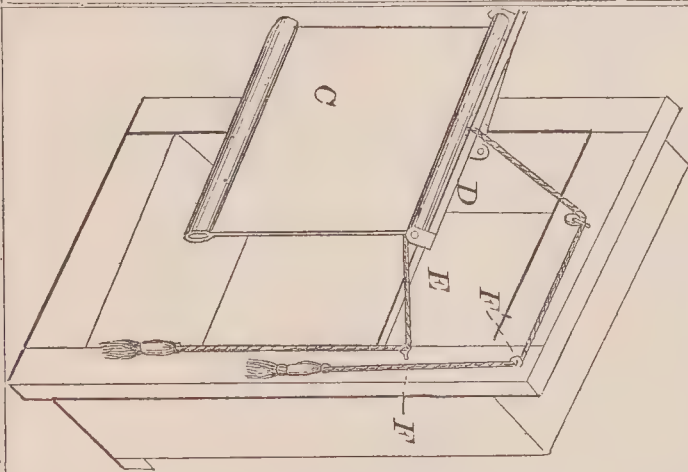
85431—W. A. Butler—Pan for Water Closets.



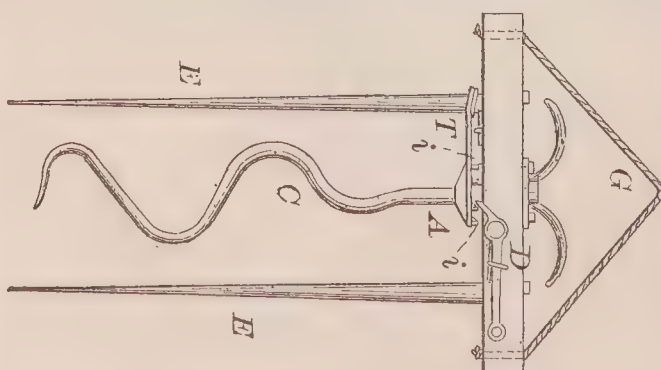
85436—G. H. Eddleman—Sawing Machine.

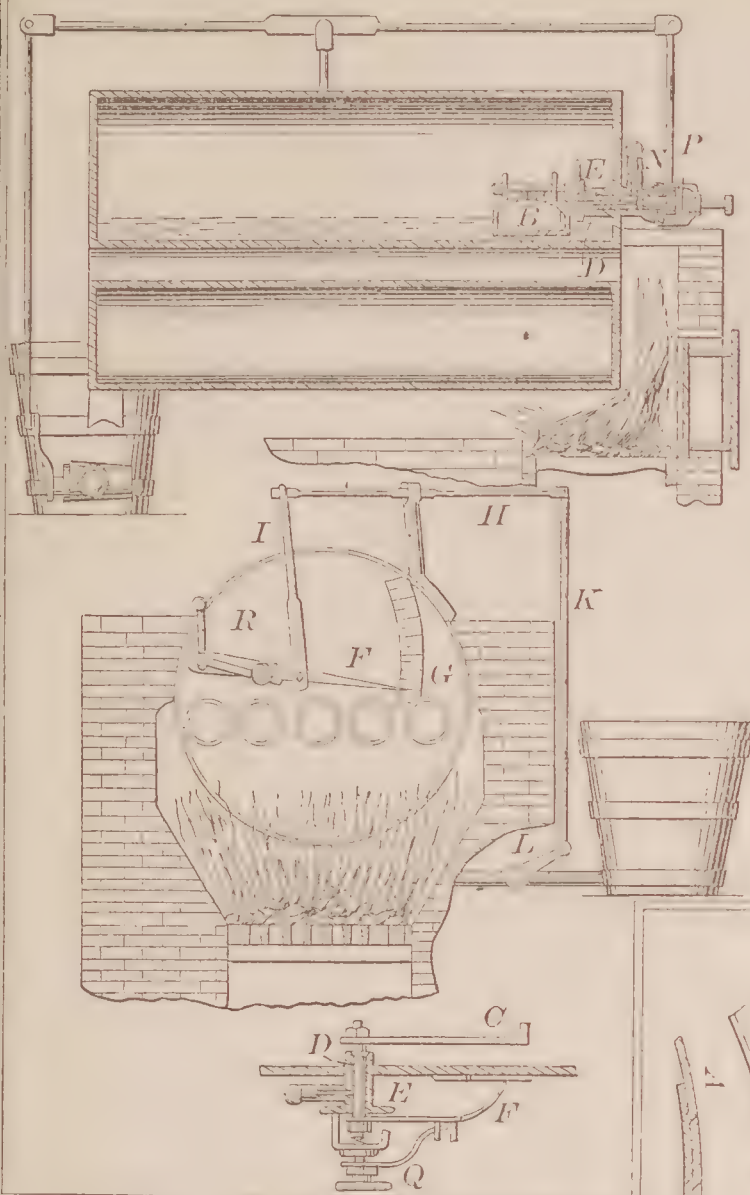


85433—A. S. Dickerson—Curtain Fixture.



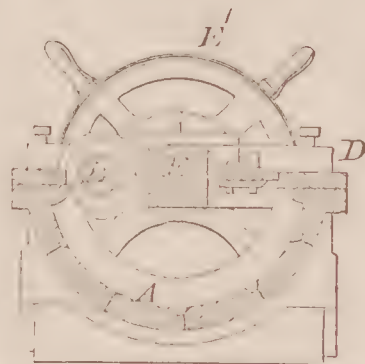
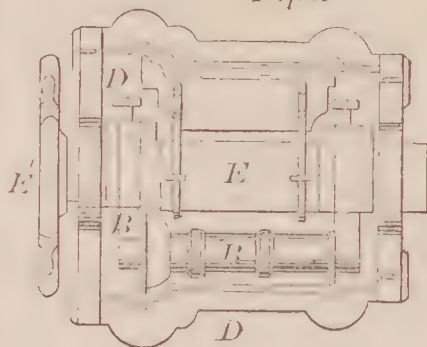
85437—J. T. Elliott—Horse Hay Fork.



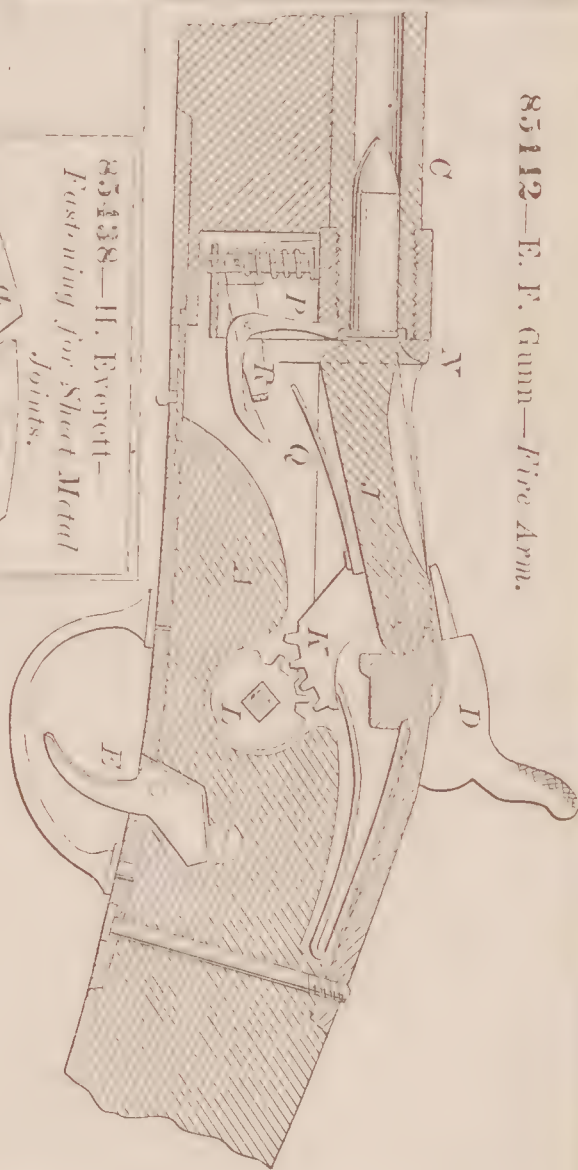


85435—W. V. Dubois—Water Indicator for Boilers.

85410—G. H. Garrett—Moulding Pipe.



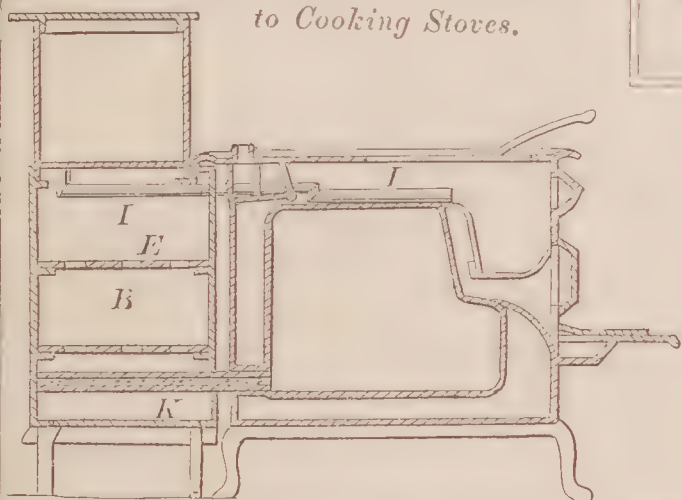
85412—E. P. Gunn—Fire Arm.



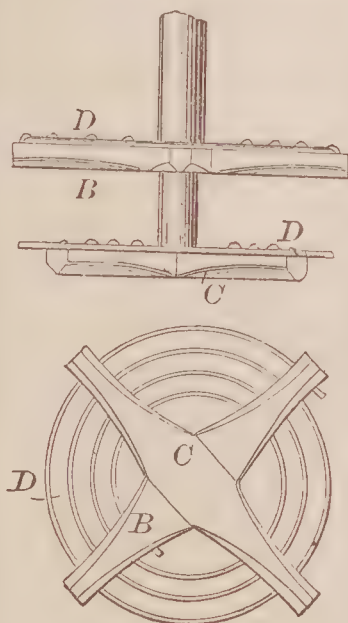
85438—H. Everett—Pushing for Sheet Metal Joints.



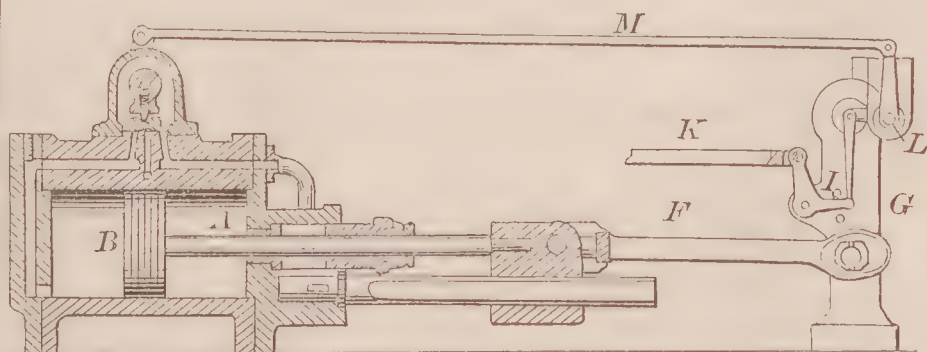
85441—G. W. Gillett—Attachment to Cooking Stoves.



85445—M. R. Heiker—Churn Dasher.

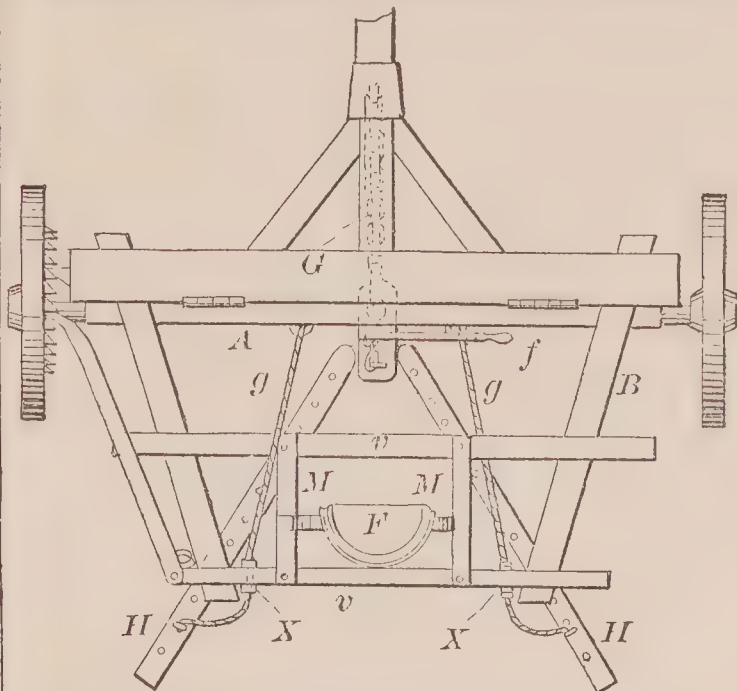


85439—J. J. L. Farcot—For Controlling Engines.

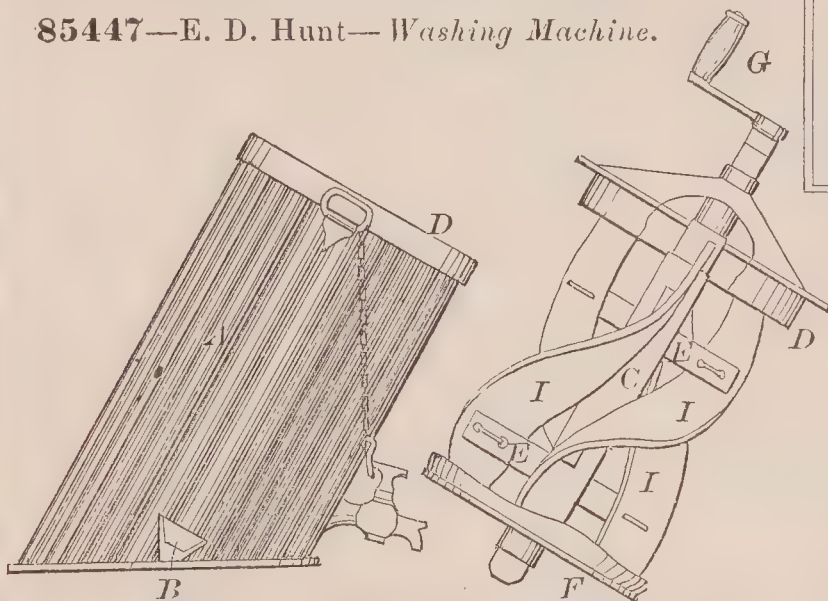




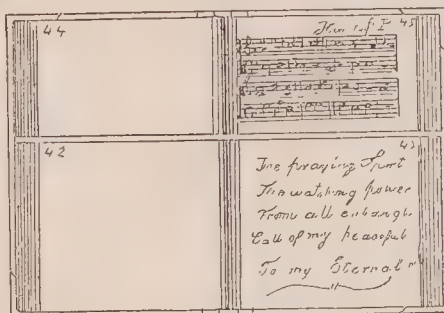
85443—A. Hallam—Seed Sower and Harrow.



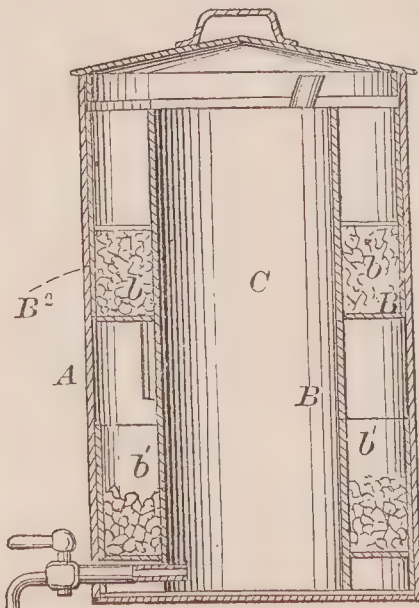
85447—E. D. Hunt—Washing Machine.



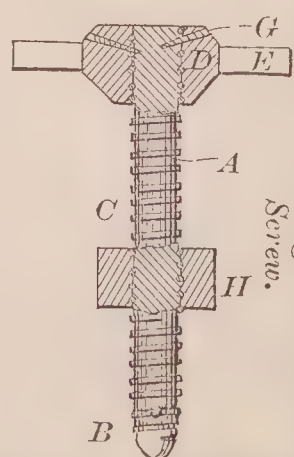
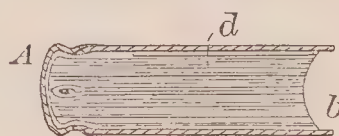
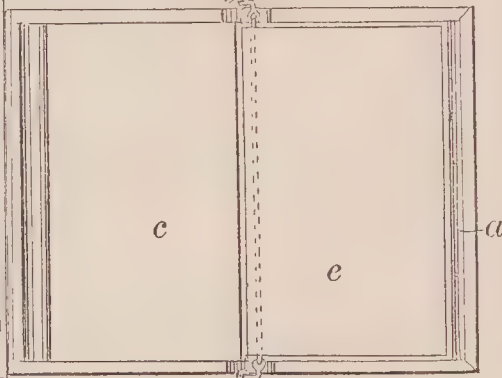
85448—I. Ickes—Music Book.



85449—C. H. Jackson—Filter.

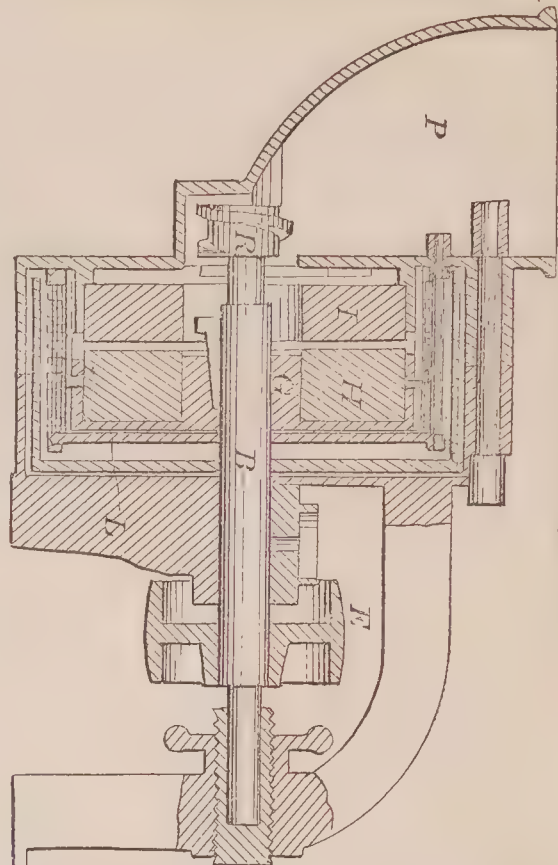


85450—A. H. Jocelyn—Binding Books.

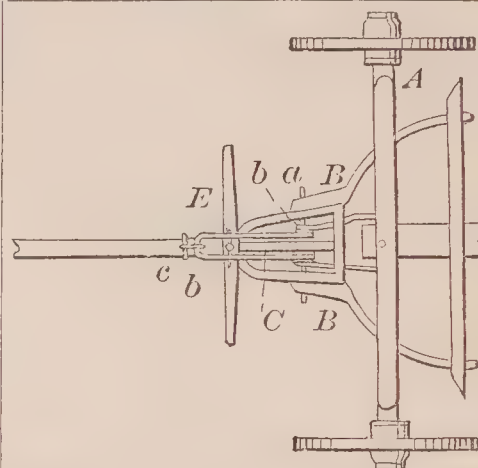


85454—J. Krieg—Piano Stool.

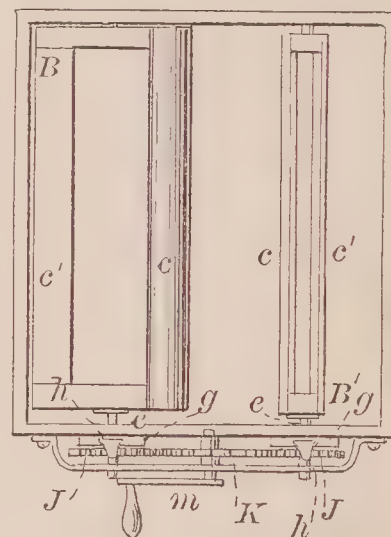
85444—E. Harrison—Grinding Mill.



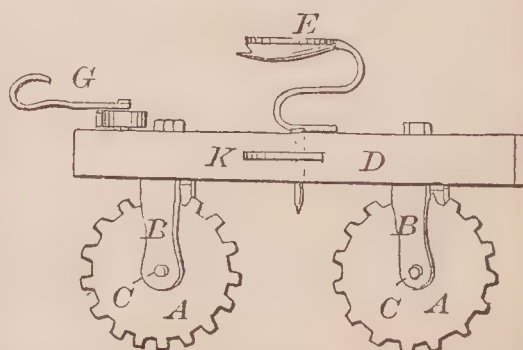
85446—J. O. Houch—For Supporting Wagon Tongues.



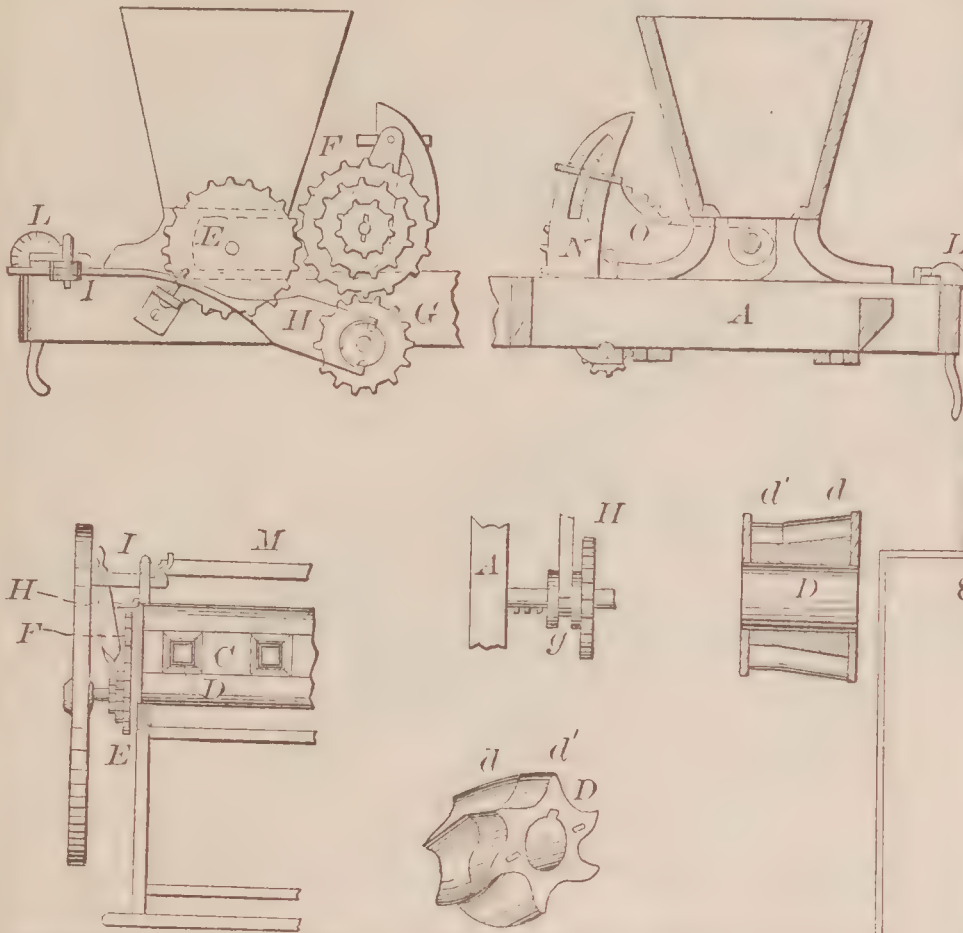
85452—W. E. Kinert—Churn.



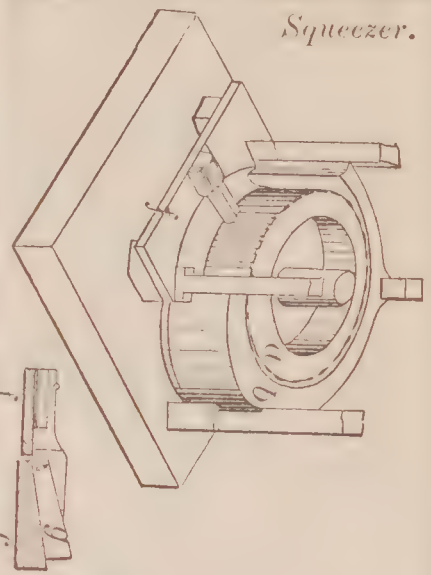
85451—M. Johnson—Plow.



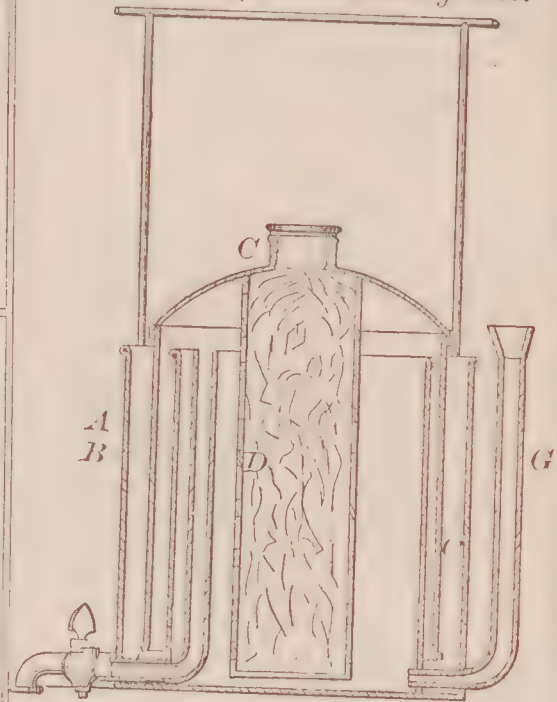
85455—B. Kuhns—Seed Planter.



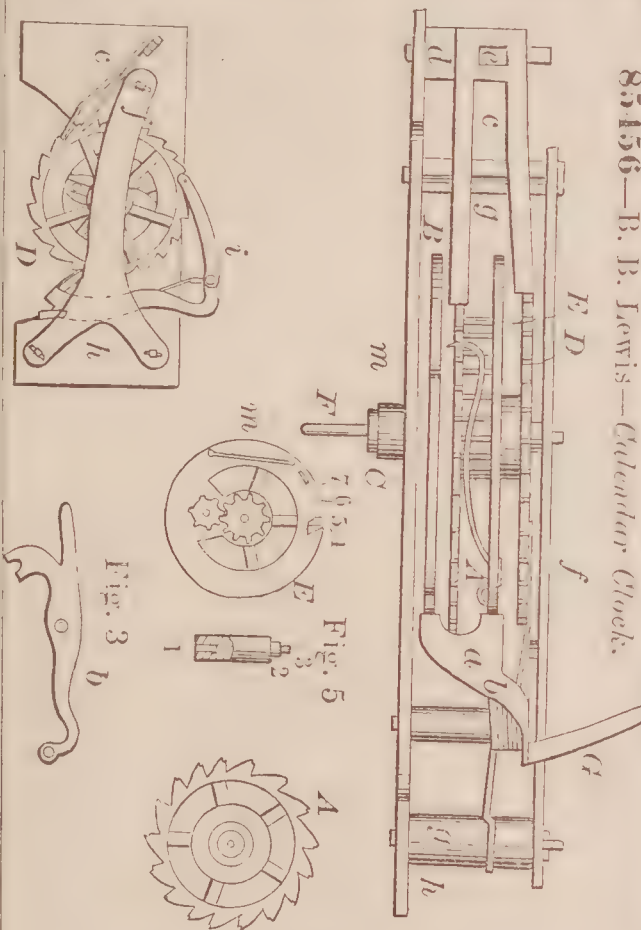
85457—L. W. Lewis—Metal Squeezer.



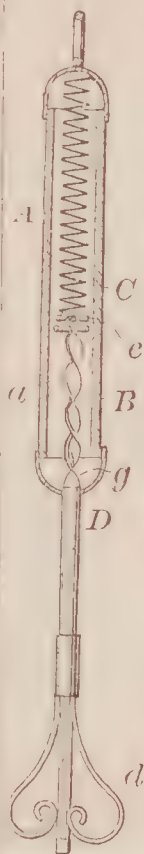
85458—J. S. Lipps—Manufacture of Illuminating Gas.



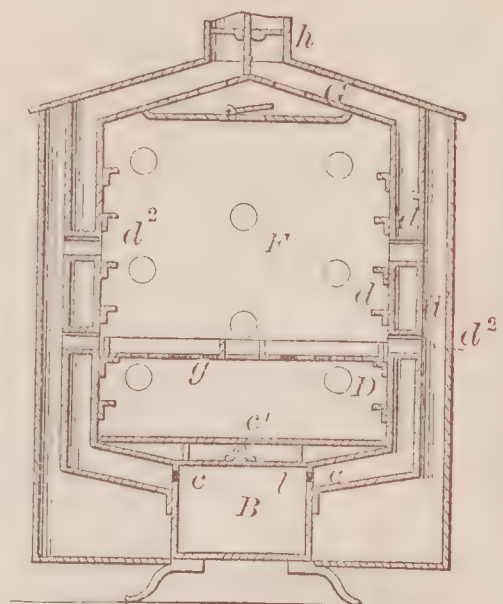
85456—B. B. Lewis—Calendar Clock.



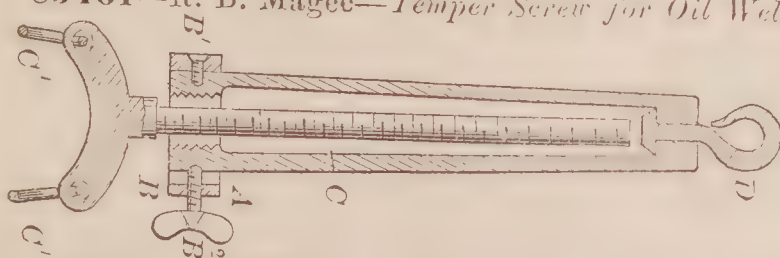
85460—D. D. Mackay—Egg Beater.



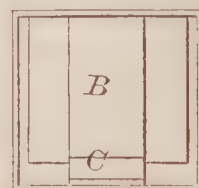
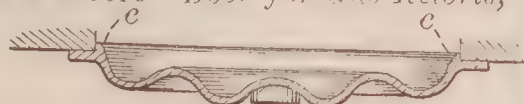
85459—Lucas & Lehman—Fruit Dryer.



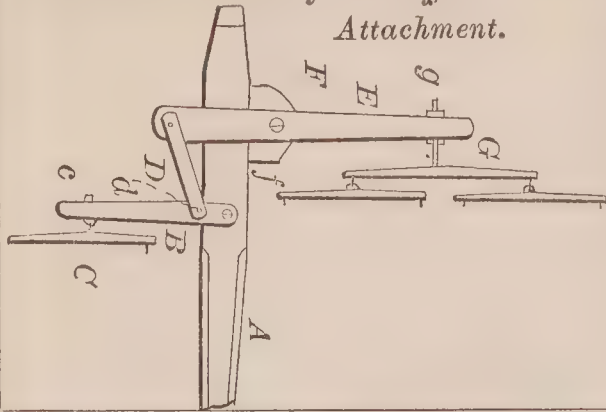
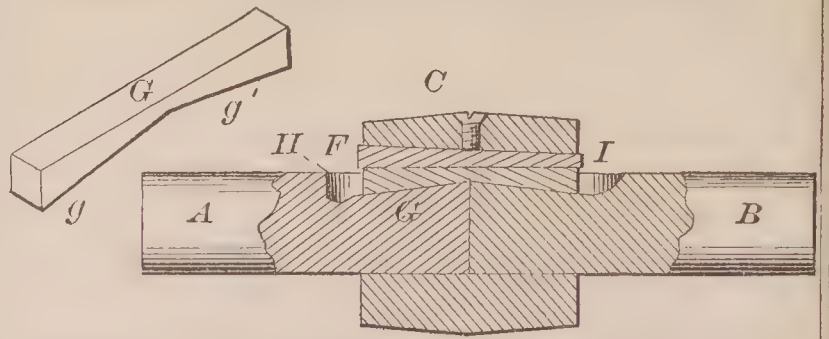
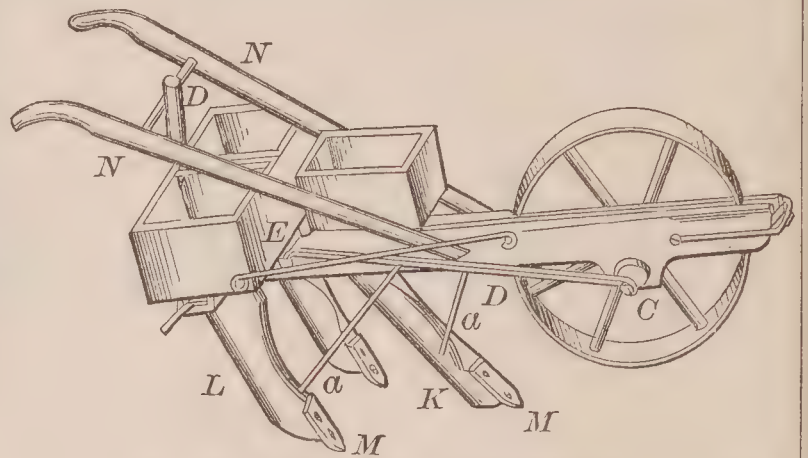
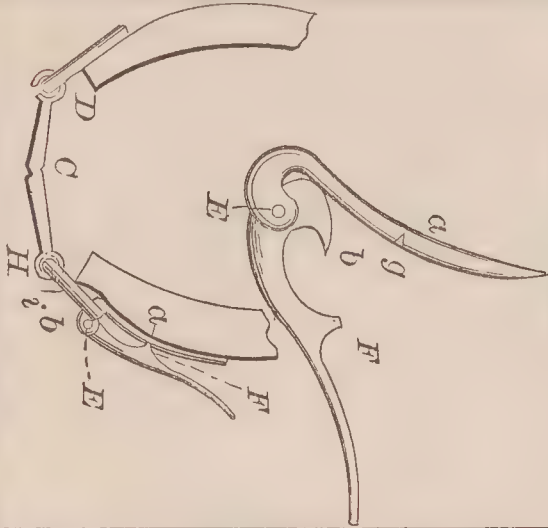
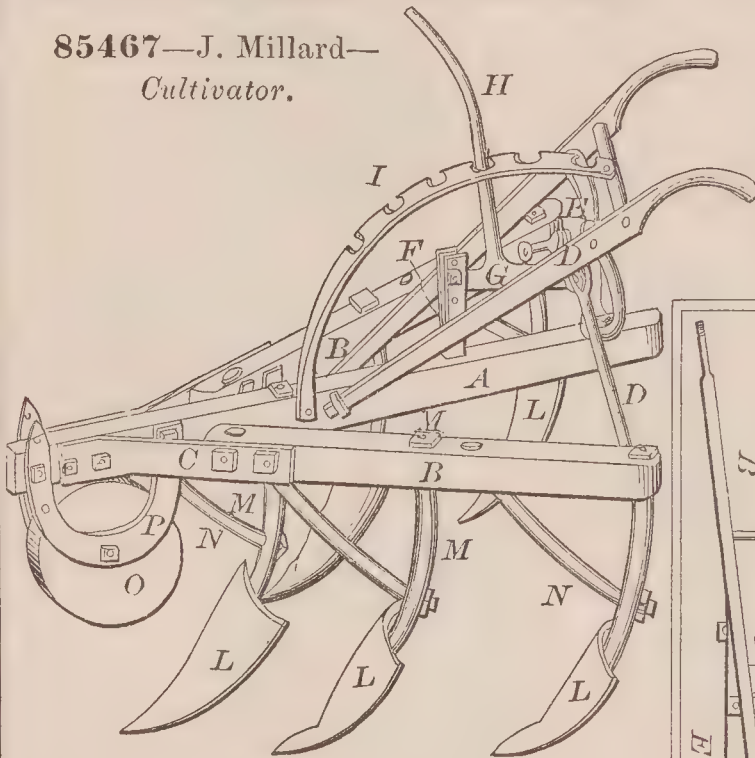
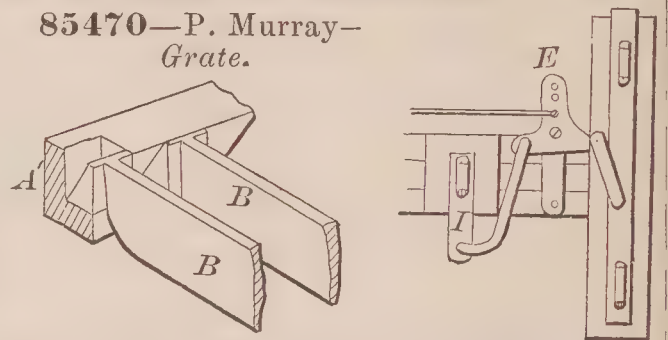
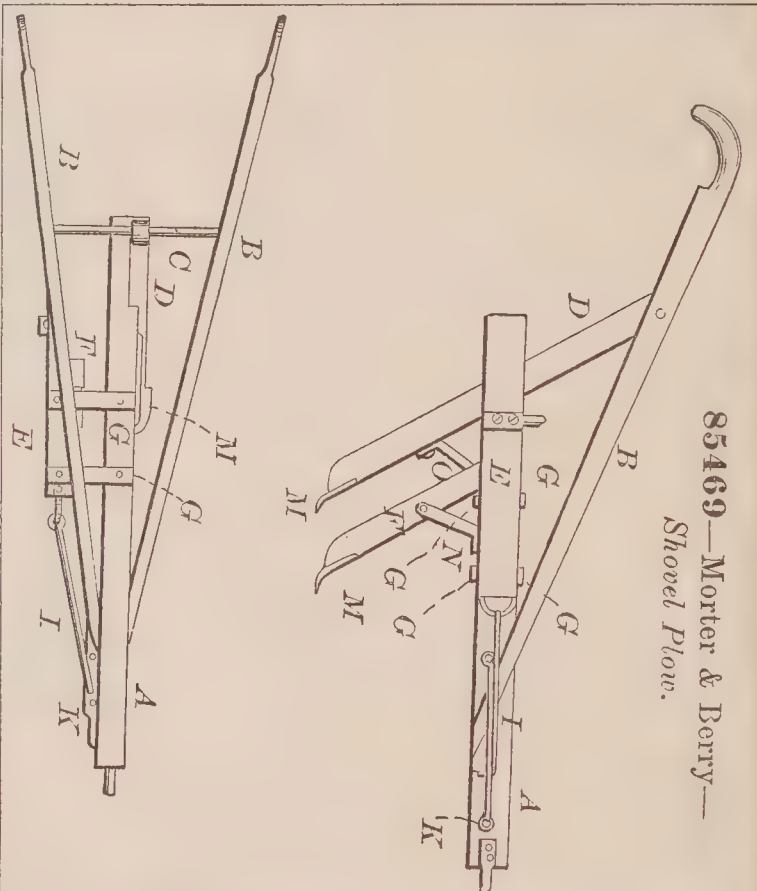
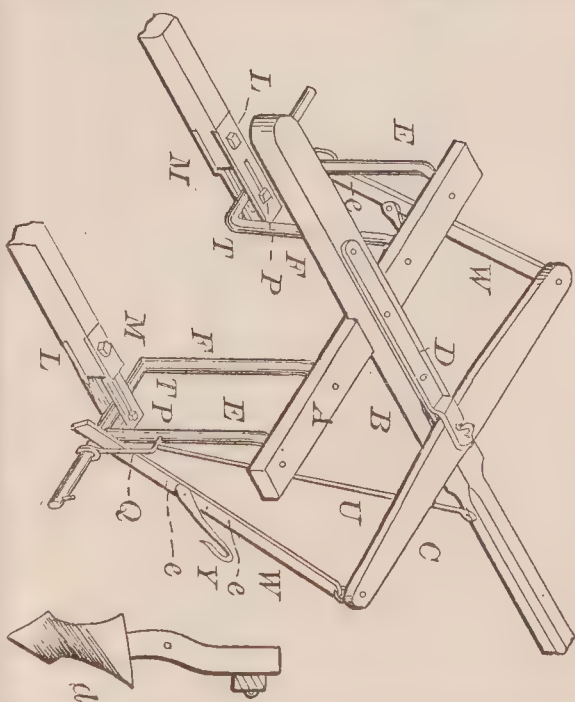
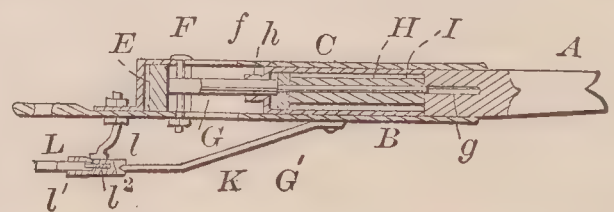
85461—R. B. Magee—Temper Screw for Oil Wells.



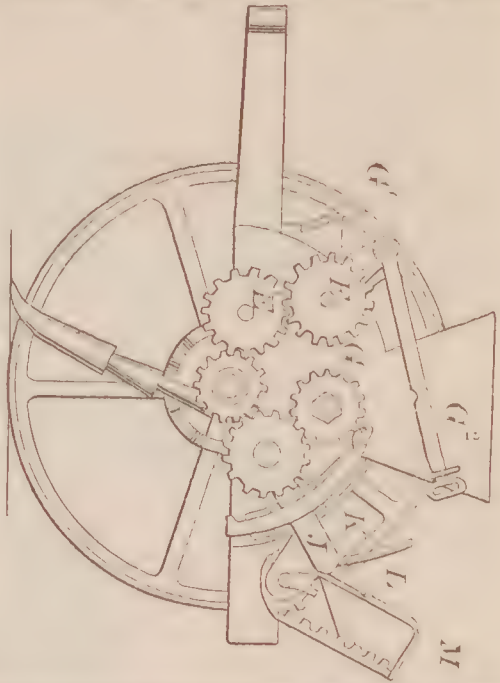
85463—Matthews & Moore—Door for Gas Retorts, Furnaces, &c.



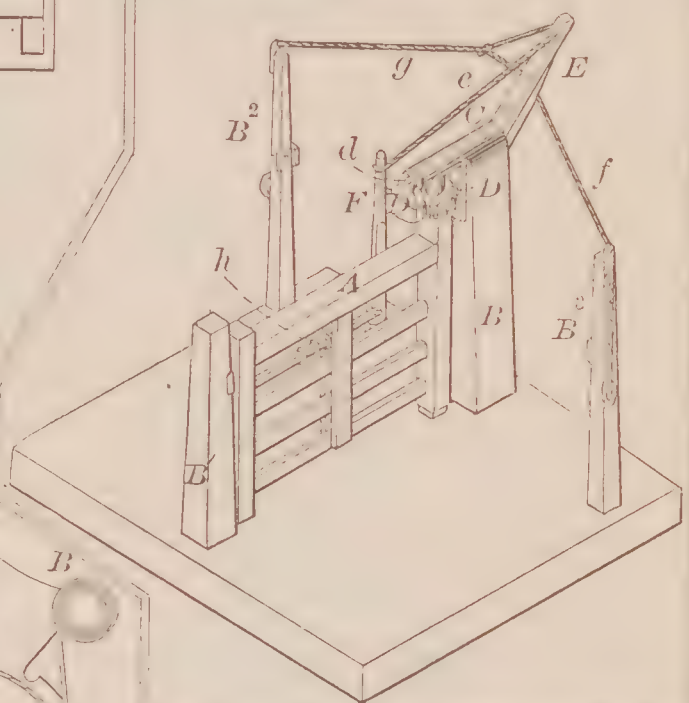


85462—L. Mancy—*Whiffletree Attachment.*85465—W. S. McKinney—*Shaft Coupling.*85466—N. Mendenhall—*Corn and Seed Planter.*85464—J. H. McKinley—*Hames Fastener.*85467—J. Millard—*Cultivator.*85470—P. Murray—*Grate.*85469—Mortier & Berry—*Shovel Plow.*85471—L. A. Palmer—*Cultivator.*85473—T. Pendergast—*Pole for Horse Cars.*

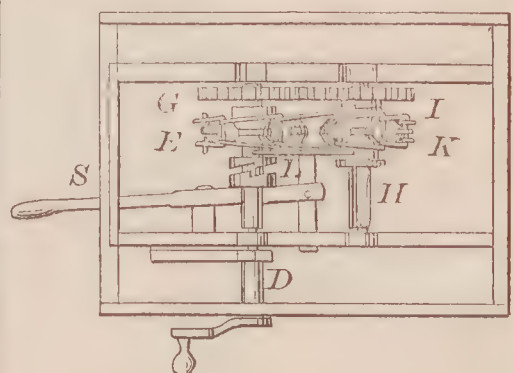
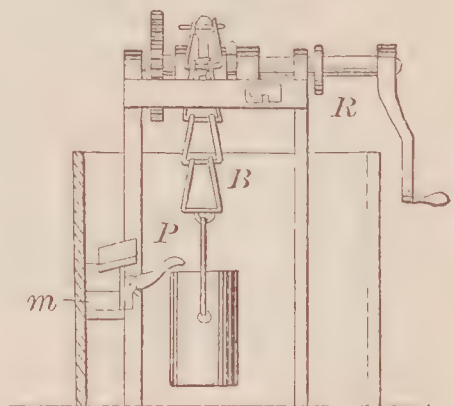
85472—C. E. Patric—*Grain Drill.*



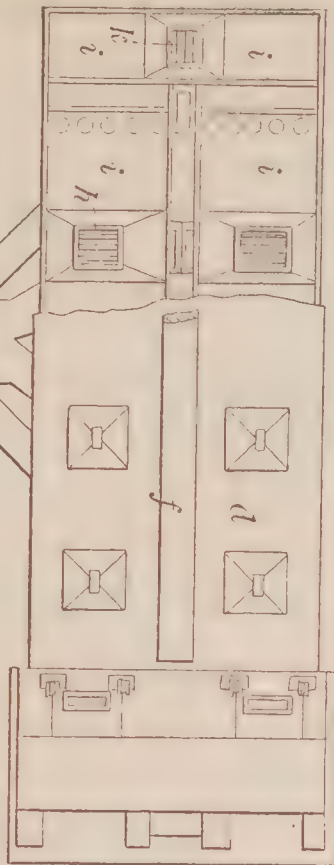
85474—A. J. Potter—*Gate.*



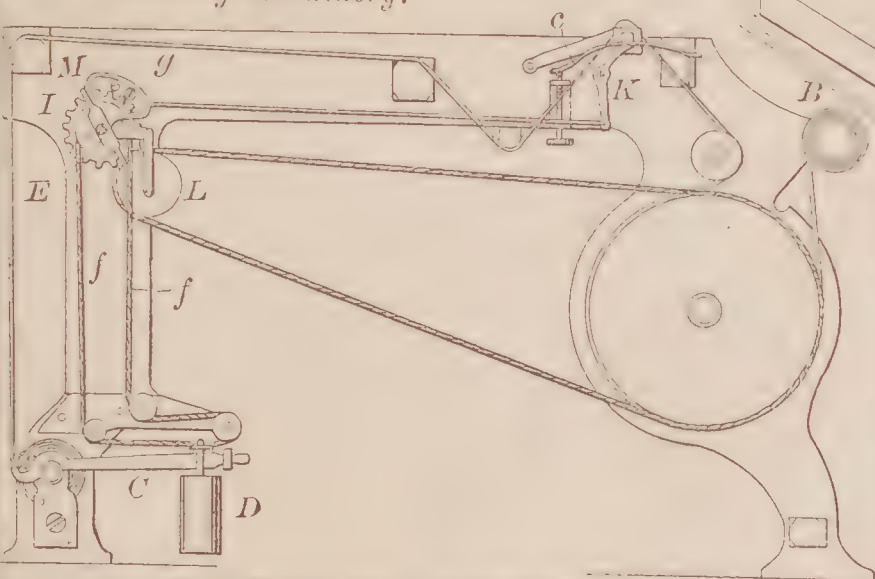
85476—J. T. Raftery—*Water Elevator.*



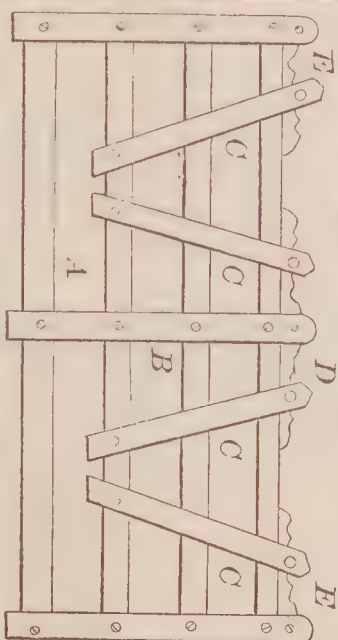
85468—Mouense & Duparquet—*Cooking Range.*



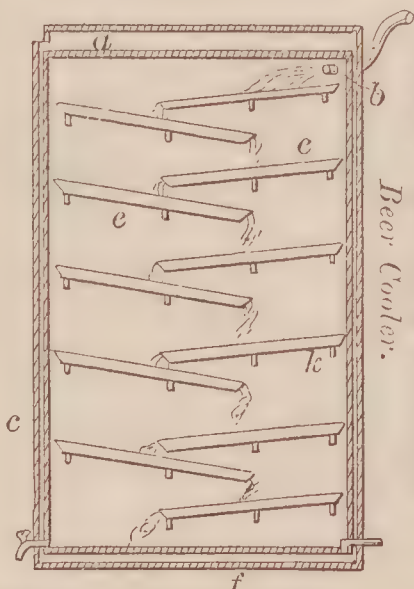
85475—E. O. Potter—*For Feeding Cloth to Printing Machinery.*



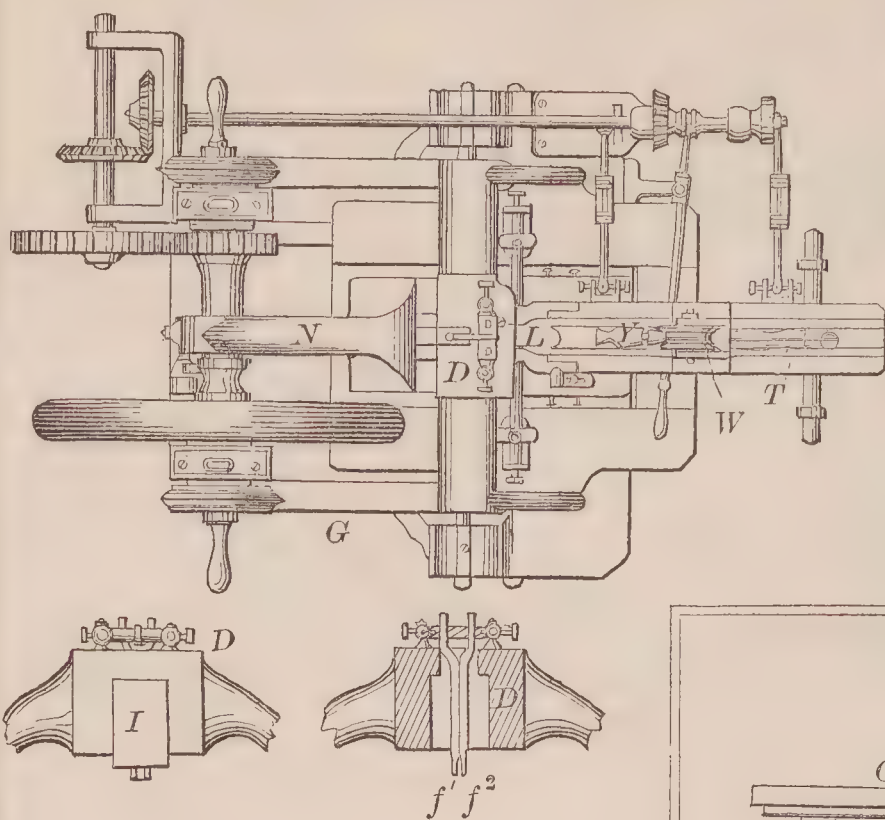
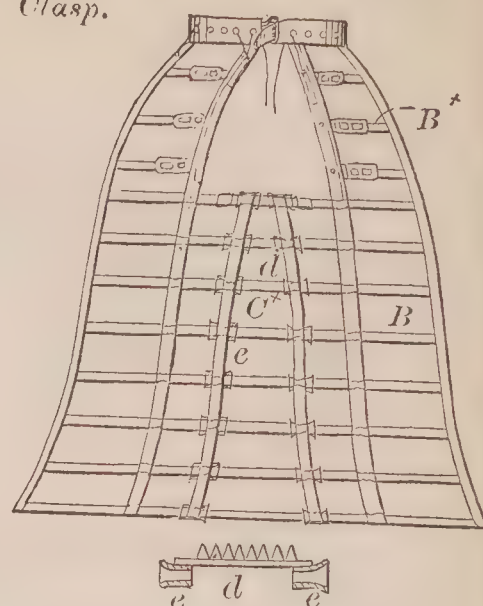
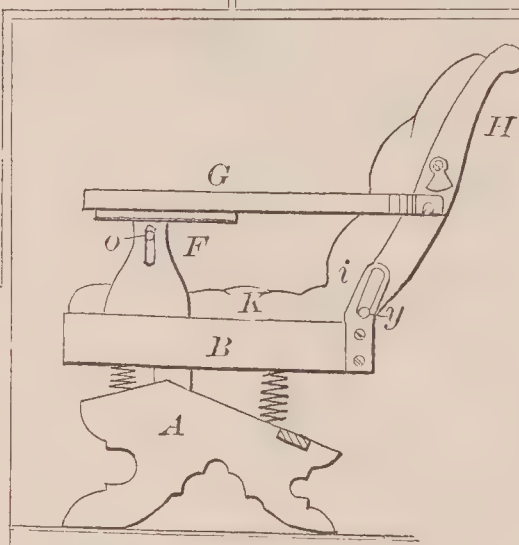
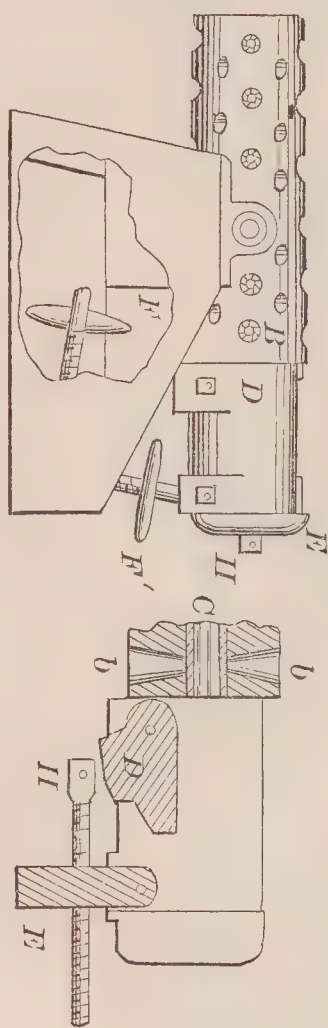
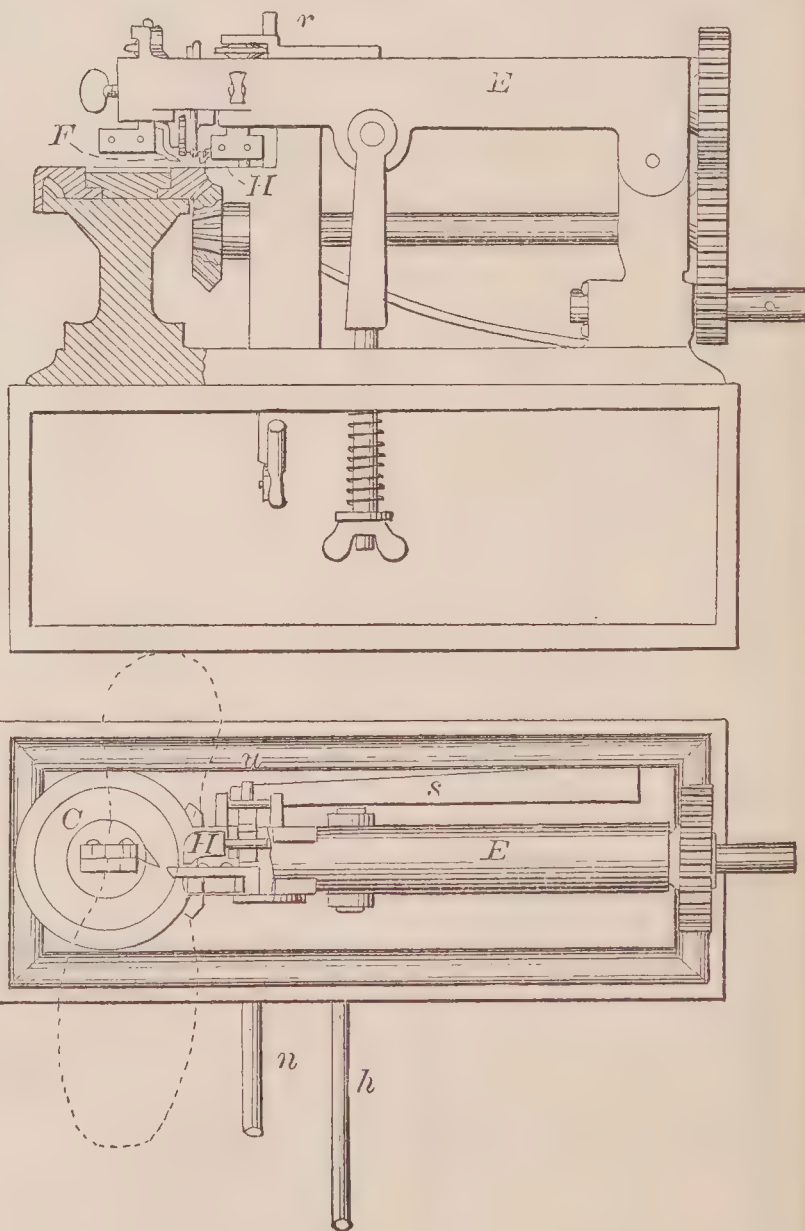
85479—N. Rue—*Gate.*



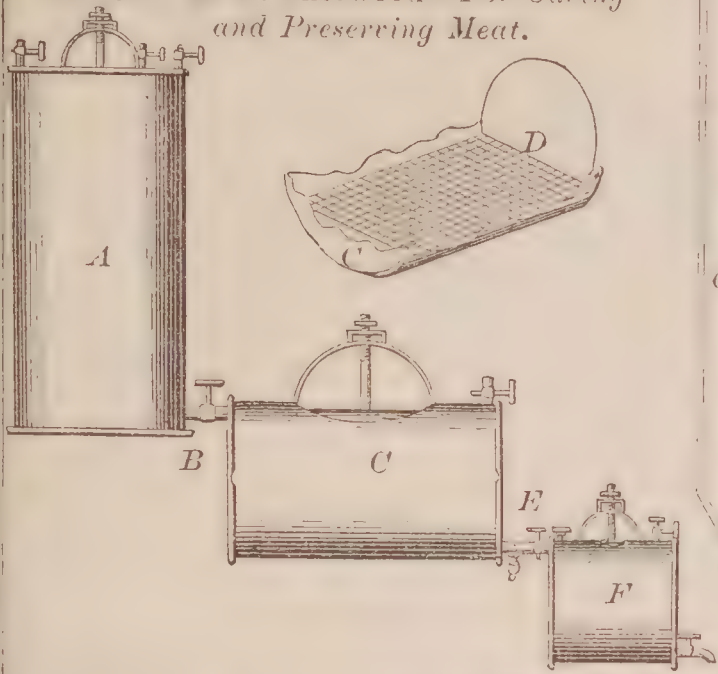
85477—Rankin & Grassmuck—*Beer Cooler.*



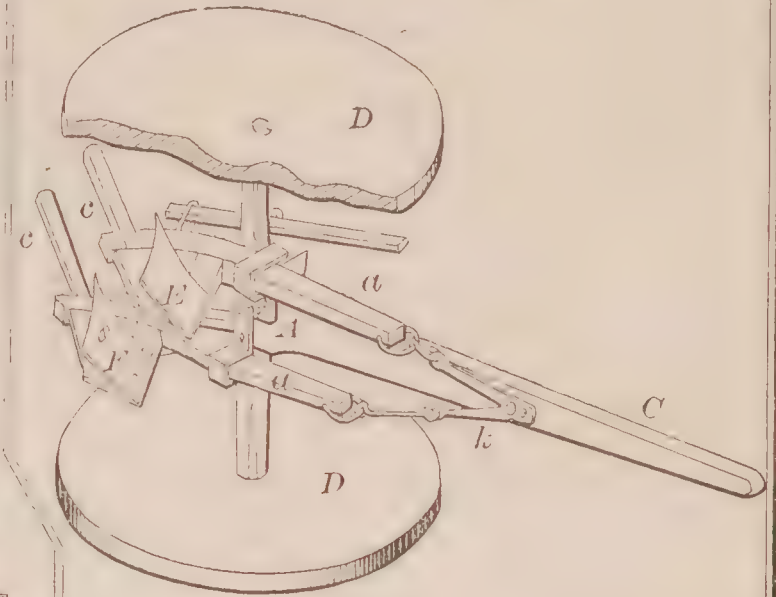


85478—D. Reed—*Nail Plate Feeder.*85480--M. Samuels--*Hoop Skirt Clasp.*85481—C. C. Schmitt--*Spring Rocking Chair.*85491—J. A. Terrell—*Cannon.*85486—M. J. Stein—*For Channeling Boot and Shoe Soles.*85484—F. J. Seymour—*Tube for Oilers.*

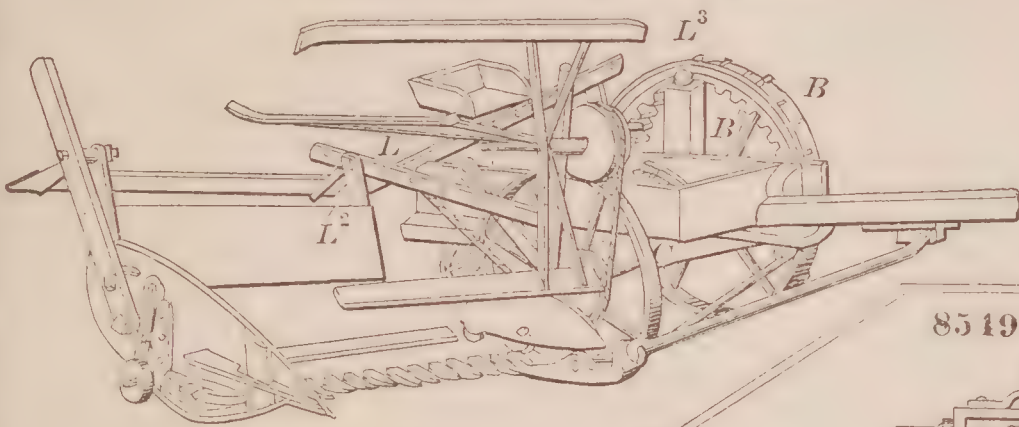
85485—M. B. Sherwood—*For Curing and Preserving Meat.*



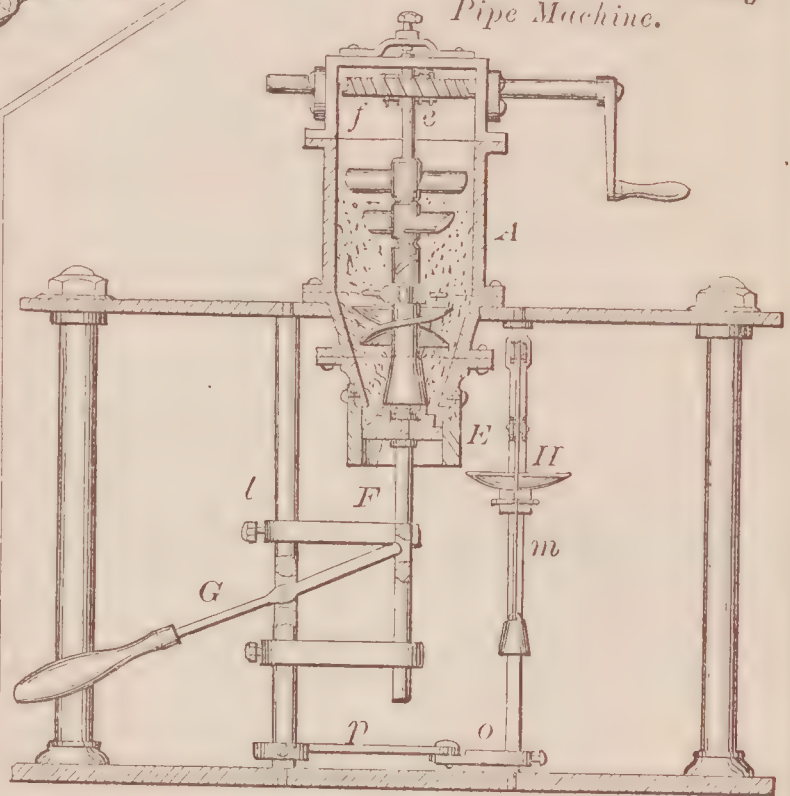
85496 T. U. Webb—*Gang Plow.*



85487—B. W. Steschult—*Dropper for Harresters.*



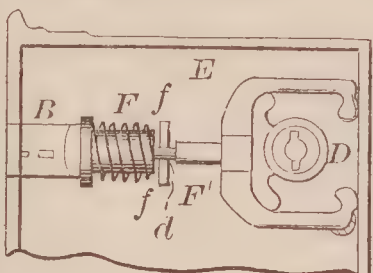
85490—Stotz & Smith—*Clay Pipe Machine.*



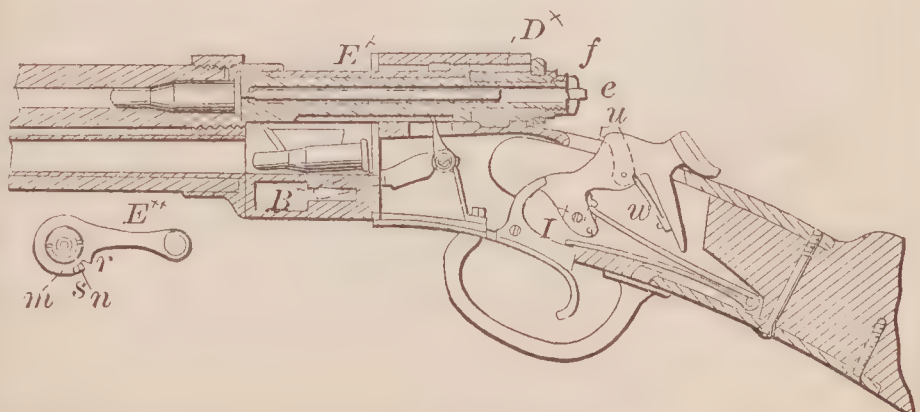
85495—Want & Lundgren—*Spectacle Bows.*



85497—E. Whitney—*Reversible Latch.*

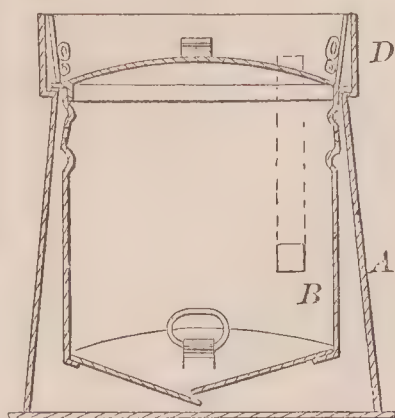


85494—F. Vetterlin—*Fire Arm.*

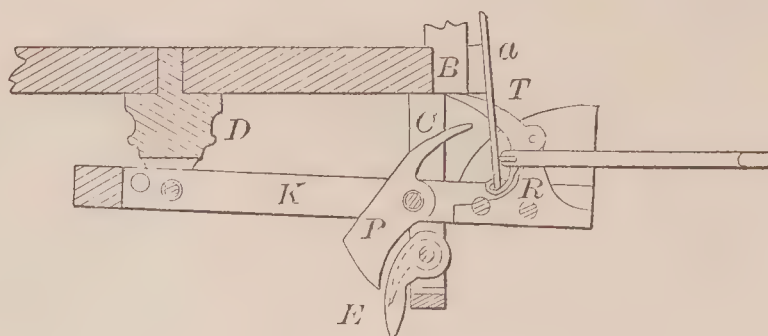




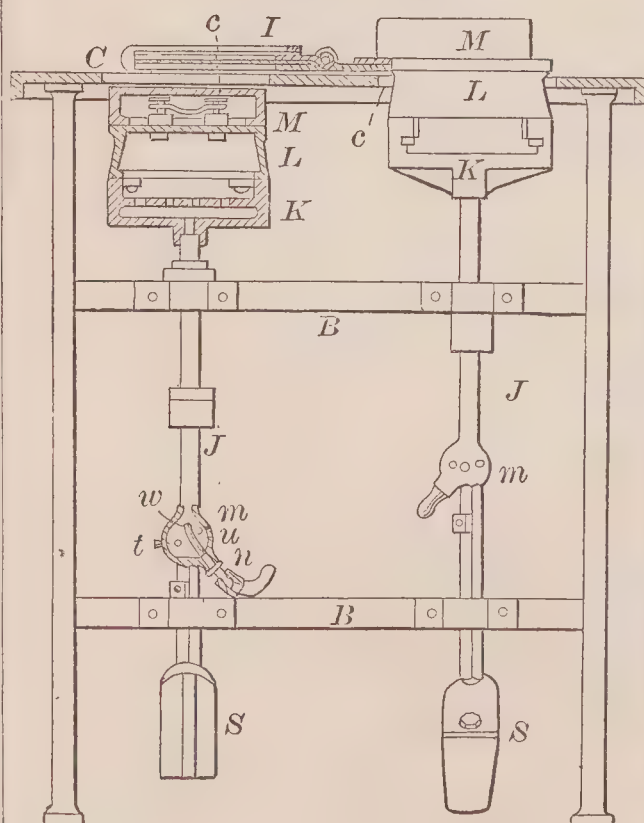
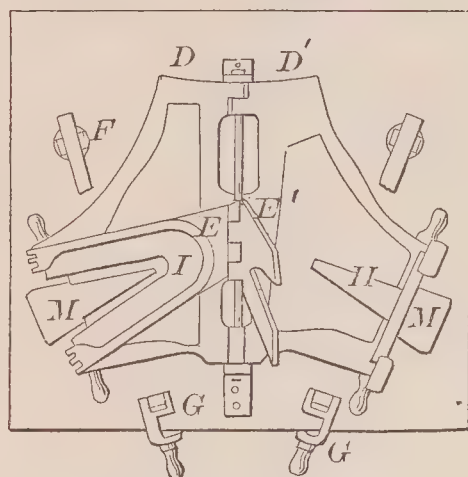
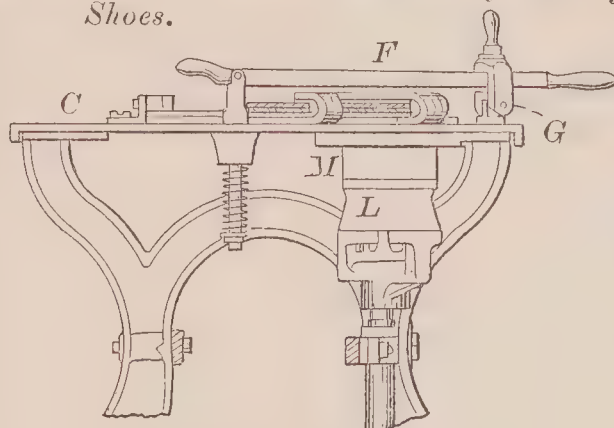
85483—I. D. Seeley—  
Wash Boiler.



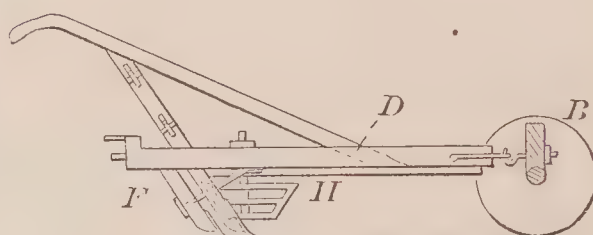
85489—O. S. St. John—Car Coupling.



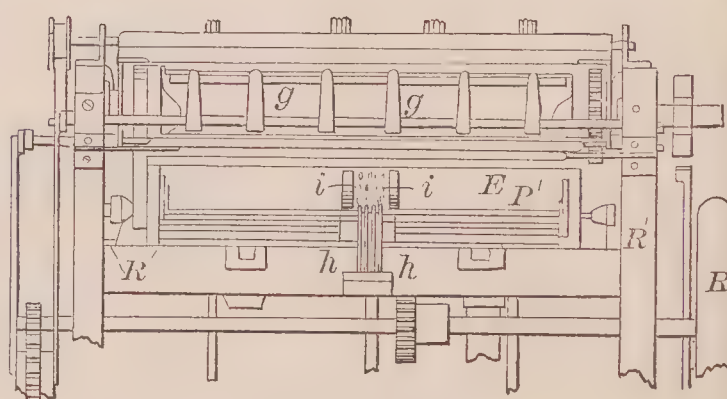
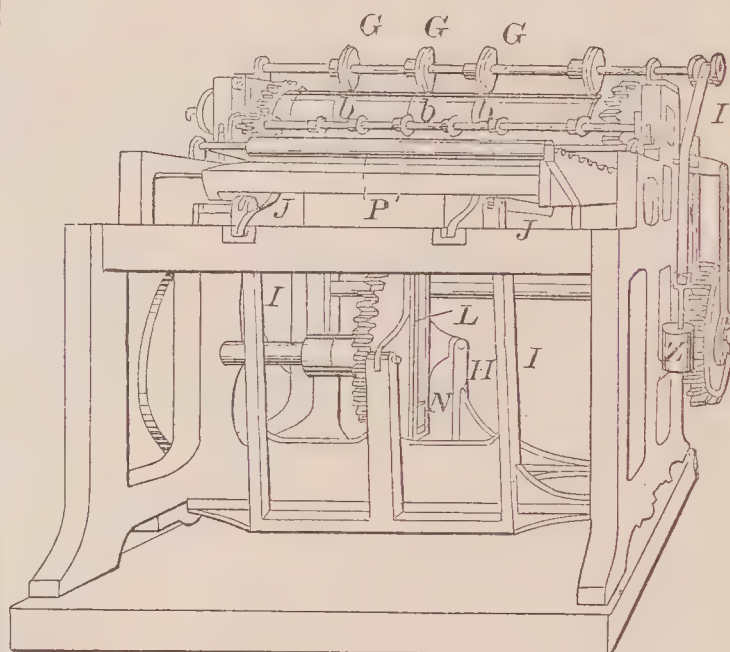
85492—J. C. Touzet—For Manufacturing  
Shoes.



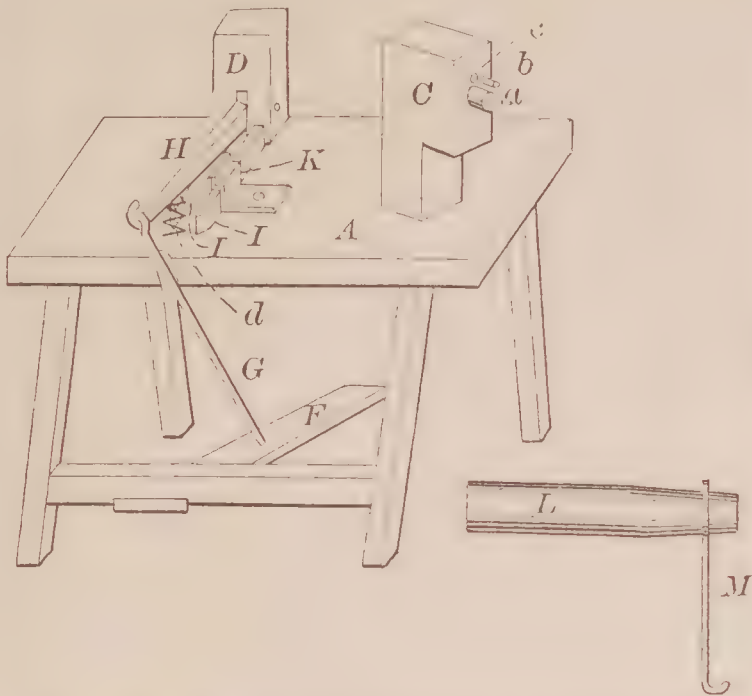
85488—W. L. Stewart—Cultivator.



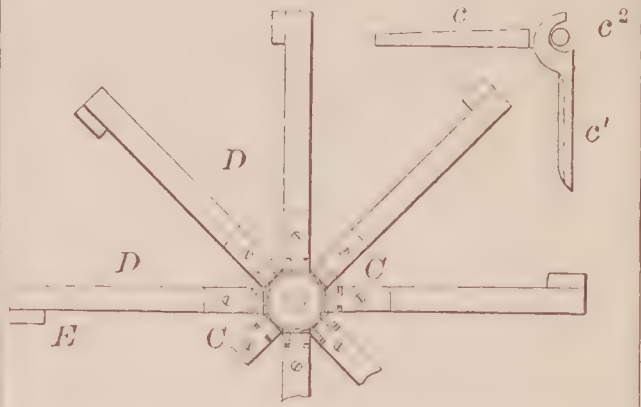
85493—S. D. Tucker—Printing Press.



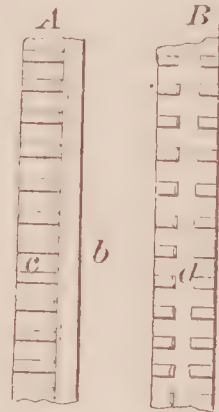
85498—R. S. Willard—*For Making Wire Hooks.*



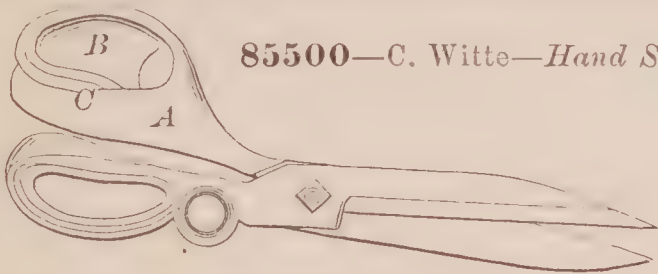
85499—D. Witt—*Clothes Dryer.*



85502—E. C. Wooster—*Ruffled Trimming.*



85500—C. Witte—*Hand Shears.*



85501—S. A. Wood—*Velocipede.*

